

**Replace Building Chillers  
Cook Chill Production Center  
145 Old Orangeburg Road  
Orangeburg, NY  
Rockland County  
NYS OGS Project # 47430**

## **ASBESTOS, LEAD and PCB ASSESSMENT**

***Prepared for:***



**NEW YORK  
STATE OF  
OPPORTUNITY**

**Office of  
General Services**

***Prepared by:***



**800 Route 146, Bldg. 200, Suite 280  
Clifton Park, NY 12065  
(518) 636-9956**

**July 2023**

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*Site Photos*

#### **Appendix B**

*Laboratory Results*

*Chain of Custody*

*Sample Location Map*

*Material Quantities*

#### **Appendix C**

*Asbestos License*

## Orangeburg Cook Chill Production Center Replacement Building Chillers



**Figure 1 - Project Location Map**

**Orangeburg Cook Chill Production Center**  
**Replacement Building Chillers**

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**II. Asbestos Inspection**

On June 30<sup>th</sup>, 2023 a certified NYSDOL/USEPA asbestos inspector screened suspect materials at the Orangeburg Cook Chill Production Center, located in Orangeburg, New York. A total of fifty-four (54) samples were collected for asbestos analysis. Sampled materials included insulation, spray foam, mastic, gasket material, pipe jacket, anti-percussive material, and black putty. Samples of each material were submitted to the laboratory for asbestos analysis. Photographs of the building can be found in **Appendix A**.

Asbestos samples were submitted to Response Labs for asbestos analysis. All friable samples were tested using NYS Polarized Light Microscopy (PLM method). Non-friable non- organic bound (NOB) samples were tested utilizing a Transmission Electron Microscopy (TEM) analysis.

The following is a summary of the analytical laboratory results, which are included in **Appendix C**.

<b>Cook Chill Production Center</b>				
Sample No.	Sample Location	Sample Material	Analysis	Results
DP-1	Double Wall Pipe	Black Pipe Coating	NOB/TEM Positive Stop	NAD
DP-2	Double Wall Pipe Supply	Black Pipe Coating	NOB/TEM Positive Stop	NAD
FR-1	Footing Riser	Black Percussive	NOB/TEM Positive Stop	NAD
FB-1	Footing Bases	Black Percussive	NOB/TEM Positive Stop	NAD
GM-1	Supply Duct Hallway Outside Chiller Room	Grey Mastic	NOB/TEM Positive Stop	NAD
BF-1	Chiller Black Foam Insulation	Black Foam Insulation	NOB/TEM Positive Stop	NAD
BF-2	Chiller Black Foam Insulation	Black Foam Insulation	NOB/TEM Positive Stop	NAD
JF-1	Exterior Chiller Pipe Joint Face	Grey Caulk	NOB/TEM Positive Stop	NAD
JF-2	Exterior Chiller Pipe Joint Face	Grey Caulk	NOB/TEM Positive Stop	NAD
ECG-1	Exterior Chiller Compressor Gasket	Black Gasket	NOB/TEM Positive Stop	19.7%

**Orangeburg Cook Chill Production Center**  
**Replacement Building Chillers**

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ES-1	Electrical Room Ceilings	White Fireproofing Spray Foam	NOB/TEM Positive Stop	NAD
ES-2	Electrical Room Ceilings	White Fireproofing Spray Foam	NOB/TEM Positive Stop	NAD
ES-3	Electrical Room Ceilings	White Fireproofing Spray Foam	NOB/TEM Positive Stop	NAD
IM-1	Interior Walls	Stone Masonry	NOB/TEM Positive Stop	NAD
PG-1	Chiller Pump Unit	Brown Gasket	NOB/TEM Positive Stop	NAD
PRG-1	Chiller Pump Pipe Run Gasket	Black Gasket	NOB/TEM Positive Stop	NAD
PRG-2	Chiller Pump Pipe Run Gasket	Black Gasket	NOB/TEM Positive Stop	NAD
WC-1	Chiller Pump Pipe Run End Sections	White Caulk	NOB/TEM Positive Stop	NAD
WC-2	Chiller Pump Pipe Run End Sections	White Caulk	NOB/TEM Positive Stop	NAD
PRE-1	Chiller Exterior Pipe Runs	Yellow Insulation	NOB/TEM Positive Stop	NAD
PRE-2	Chiller Exterior Pipe Runs	Yellow Insulation	NOB/TEM Positive Stop	NAD
PRE-3	Chiller Exterior Pipe Runs	Yellow Insulation	NOB/TEM Positive Stop	NAD
EIE-1	Chiller Exterior Elbow Insulation	Yellow Insulation	NOB/TEM Positive Stop	NAD
EIE-2	Chiller Exterior Elbow Insulation	Yellow Insulation	NOB/TEM Positive Stop	NAD
EIE-3	Chiller Exterior Elbow Insulation	Yellow Insulation	NOB/TEM Positive Stop	NAD
WI-1	Chiller Room Walls	Yellow Insulation	NOB/TEM Positive Stop	NAD
WI-2	Chiller Room Walls	Yellow Insulation	NOB/TEM Positive Stop	NAD
WJ-1	Chiller Room Walls	White Jacket	NOB/TEM Positive Stop	NAD

**Orangeburg Cook Chill Production Center**  
**Replacement Building Chillers**

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WJ-2	Chiller Room Walls	White Jacket	NOB/TEM Positive Stop	NAD
PI-1	Chiller Pump Unit	Yellow Insulation	NOB/TEM Positive Stop	NAD
PI-2	Chiller Pump Unit	Yellow Insulation	NOB/TEM Positive Stop	NAD
PRB-1	Chiller Pump Pipe Runs	Brown Insulation	NOB/TEM Positive Stop	NAD
PRB-2	Chiller Pump Pipe Runs	Brown Insulation	NOB/TEM Positive Stop	NAD
PRB-3	Chiller Pump Pipe Runs	Brown Insulation	NOB/TEM Positive Stop	NAD
PRY-1	Chiller Pipe Runs	Yellow Insulation	NOB/TEM Positive Stop	NAD
PRY-2	Chiller Pipe Runs	Yellow Insulation	NOB/TEM Positive Stop	NAD
PRY-3	Chiller Pipe Runs	Yellow Insulation	NOB/TEM Positive Stop	NAD
HJ-1	Chiller Pipe Runs Solid Jacket	White Plastic	NOB/TEM Positive Stop	NAD
HJ-2	Chiller Pipe Runs Solid Jacket	White Plastic	NOB/TEM Positive Stop	NAD
PJ-1	Pump Unit	White Jacket	NOB/TEM Positive Stop	NAD
PJ-2	Pump Unit	White Jacket	NOB/TEM Positive Stop	NAD
PH-1	Chiller Pipe Runs Solid Jacket	White Plastic	NOB/TEM Positive Stop	NAD
PH-2	Chiller Pipe Runs Solid Jacket	White Plastic	NOB/TEM Positive Stop	NAD
BR-1	Backflow Pipe Runs	Yellow Insulation	NOB/TEM Positive Stop	NAD
BR-2	Backflow Pipe Runs	Yellow Insulation	NOB/TEM Positive Stop	NAD
BR-3	Backflow Pipe Runs	Yellow Insulation	NOB/TEM Positive Stop	NAD
BFJ-1	Backflow Pipe Runs	Green Jacket	NOB/TEM Positive Stop	NAD
BFJ-2	Backflow Pipe Runs	Green Jacket	NOB/TEM Positive Stop	NAD

**Orangeburg Cook Chill Production Center**  
**Replacement Building Chillers**

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EI-1	Chiller Pump Pipe Elbows	Orange Insulation	NOB/TEM Positive Stop	NAD
EI-2	Chiller Pump Pipe Elbows	Orange Insulation	NOB/TEM Positive Stop	NAD
EI-3	Chiller Pump Pipe Elbows	Orange Insulation	NOB/TEM Positive Stop	NAD
BC-1	Chiller Pump Condenser Lines	Black Foam Insulation	NOB/TEM Positive Stop	NAD
BC-2	Chiller Pump Condenser Lines	Black Foam Insulation	NOB/TEM Positive Stop	NAD
EP-1	Underground Electric Line Covering	Black Putty	NOB/TEM Positive Stop	NAD
EP-2	Underground Electric Line Covering	Black Putty	NOB/TEM Positive Stop	NAD

NAD – No Asbestos Detected

NA/PS – Not Analyzed/Positive Stop

As indicated by the results, the compressor gasket on the exterior units is an ACM.

### **III. Lead Inspection**

A lead assessment has been completed for this project. A site walkover was performed in June 2023. The purpose of the visit was to test any painted surfaces for lead. Three lead samples were taken and submitted to Adirondack Labs for analysis. Site photographs are included in **Appendix A**.

Sample No.	Sample Location	Sample Material	Analysis	Results (% lead by weight)
YPL-1	Compression Expansion Tank Pipes	Yellow Paint	LEAD	1.9
BPL-1	Exterior Pipe and Stringers	Brown Paint	LEAD	0.01
GRPL-1	Chiller Exterior Unit Components	Grey Paint	LEAD	0.069

Lead-based paint is defined as paint exhibiting lead concentrations equal to or exceeding 1.0 milligram per square centimeter (mg/cm<sup>2</sup>) or 0.5% lead by weight by the Lead-Based Paint Poisoning Prevention Act. Based on the results, lead based paint is present in the yellow pipe paint.

#### **IV. PCB Inspection**

In addition to the lead and asbestos samples, the caulks located on the pipes and pipe joints were sampled and tested for PCBs. Three (3) PCB samples were taken and submitted to Adirondack Labs for analysis. The United States Environmental Protection Agency (USEPA) prohibits the use of materials with PCB levels above 50 ppm.

Sample No.	Sample Location	Sample Material	Analysis	Results(ppm)
GC-1	Exterior Unit Pipe Joints	Grey Caulk	PCB's	ND
WC-1	Chiller Pump Pipe Run End Sections	White Caulk	PCB's	ND
JF-1	Exterior Chiller Pipe Joint Face	Grey Caulk	PCB's	ND

The laboratory results indicated that the sampled materials are not in exceedance of the EPA standard. Site photographs are included in **Appendix A**.

#### **V. Conclusions and Recommendations**

The sampling results indicated that the black gasket on the compressor is an ACM. The yellow pipe paint sample submitted to the laboratory contained lead concentrations above the Lead Poisoning Prevention Act threshold. The sampling results determined that PCB's are not present in the sampled caulks.

#### **VI. Data Gaps, LIMITATIONS and EXCEPTIONS**

The following data gaps were identified during the completion of this investigation:

- The asbestos survey assessed the presence of accessible and/or exposed suspect ACMs that may be impacted by the proposed project. Although due diligence was given during the assessment, suspect ACMs may exist behind or beneath inaccessible spaces. All quantities are approximate and should be verified.
- OSPA's selection of sample locations and frequency of sampling was based on observations and the assumption that like materials in the same area are homogeneous in content.

- No electrical equipment, wiring, or other electrical components were inspected as the building power was live at the time of the survey. ***These systems may contain asbestos.***
- The coring of solid floors and other solid surfaces was not in the scope of the work and was not performed as part of this survey. Asbestos may be found within or behind these surfaces upon demolition.
- There may be TSI or pipe insulation found in unseen cavities. A reasonable attempt was made to identify all TSI without performing full demolition.
- All locations on drawings are approximate and all quantities are estimated. Any contractor or other user of this report is required to physically visit the site to verify all measurements and confirm the quantities of materials to be removed, to be bid for removal, or for any other purpose.

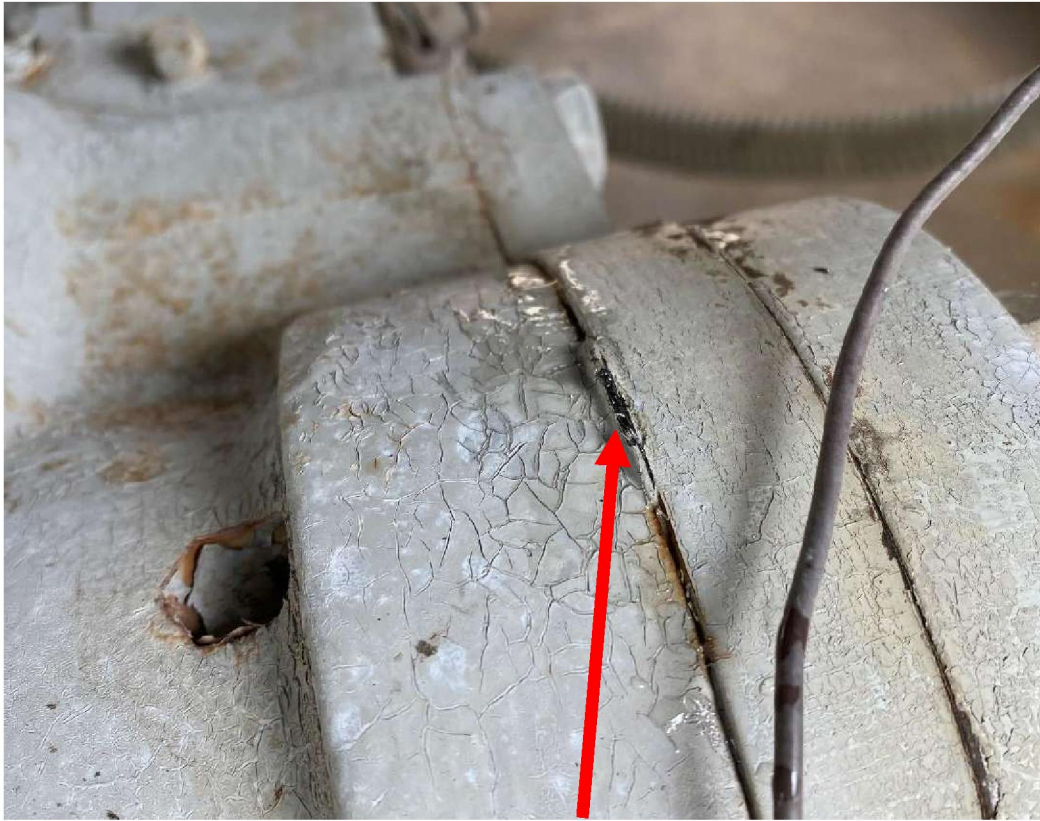
No other warranties, expressed or implied, are made as to the professional services provided under the terms of our contract and included in this report.

The conclusions of this report are based in part, on the information provided by others. The possibility remains that unexpected environmental conditions may be encountered at the site in locations not specifically investigated. Should such an event occur, or the scope of project work be changed, OSPA Engineering Services, P.C. must be notified in order that we may determine if modifications to our conclusions are necessary.

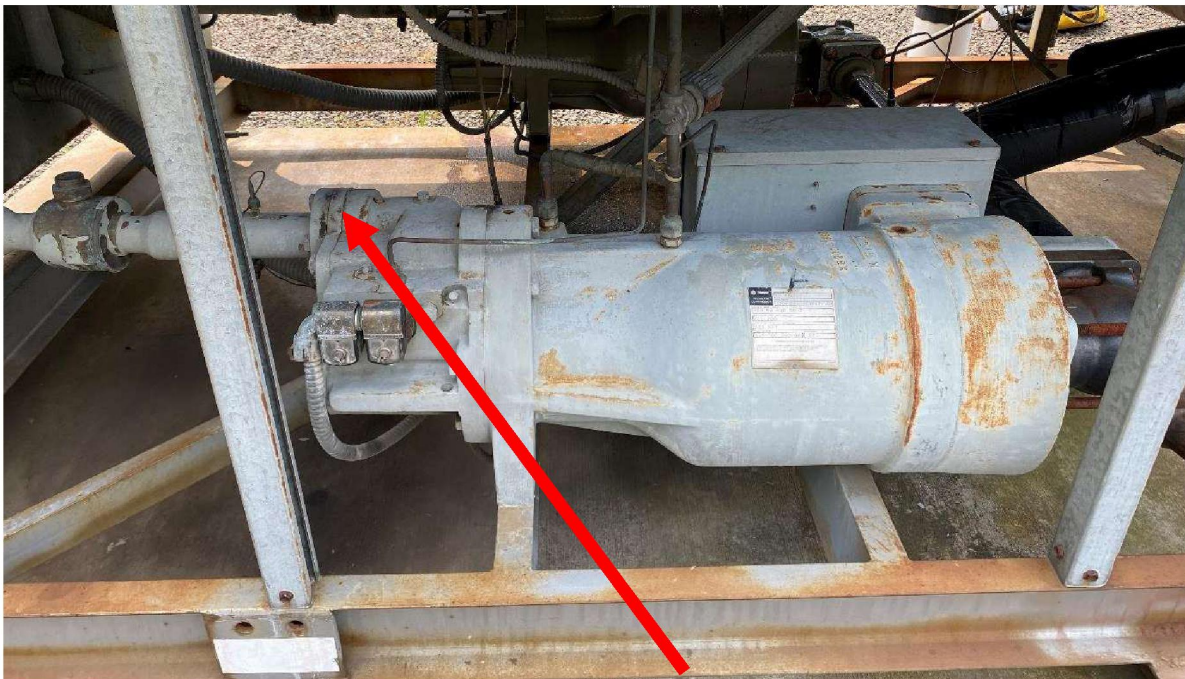
# **Appendix A**

## **Site Photos**

**OGS # 47430**  
**Replace Building Chillers**  
**Orangeburg, NY**  
**Site Photos**



**Photo 1: Black Gasket, exterior compressor units (ACM)**



**Photo 2: Exterior Compressor, Black Gasket (ACM)**

**OGS # 47430  
Replace Building Chillers  
Orangeburg, NY  
Site Photos**



**Photo 3: Double Wall Pipe Transition**



**Photo 4: Black Percussive Footing Risers**

**OGS # 47430**  
**Replace Building Chillers**  
**Orangeburg, NY**  
**Site Photos**



**Photo 5: Black Percussive Footing Base.**



**Photo 6: Grey Mastic, Supply Duct**

**OGS # 47430**  
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**Site Photos**



**Photo 7: Black Foam Insulation**



**Photo 8: Grey Caulk**

**OGS # 47430**  
**Replace Building Chillers**  
**Orangeburg, NY**  
**Site Photos**

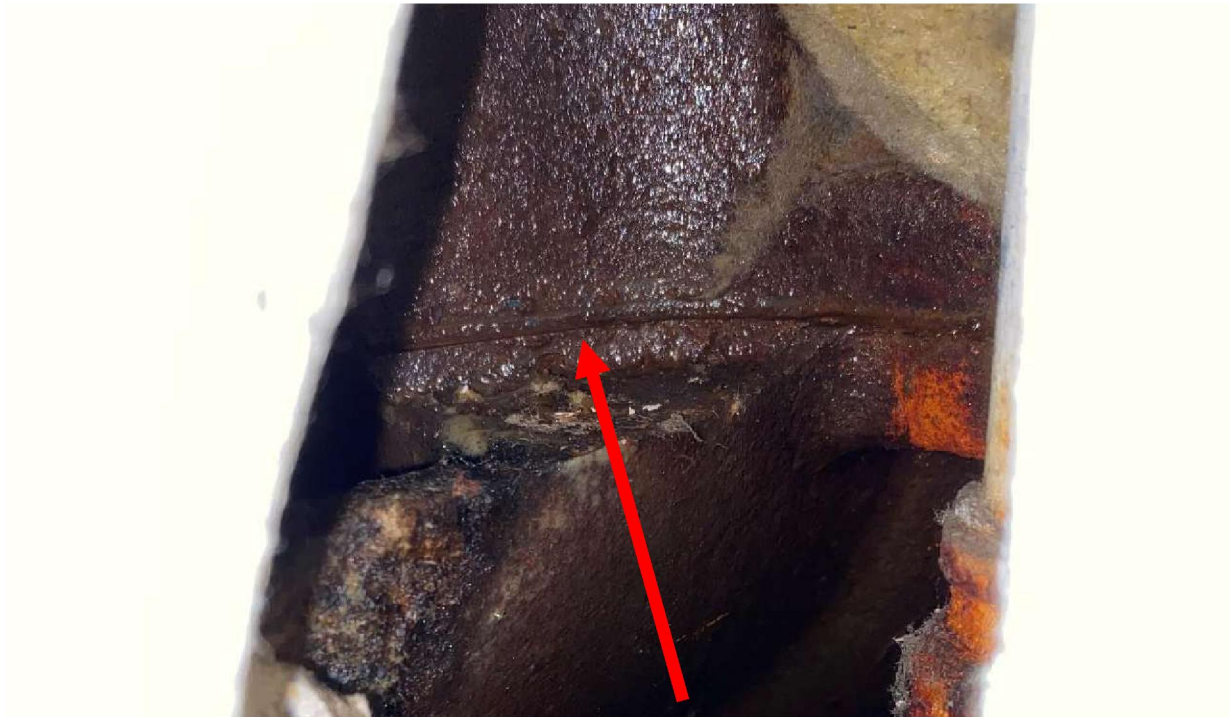


**Photo 9: White Fireproofing Spray Foam**



**Photo 10: Interior Masonry Stone**

**OGS # 47430**  
**Replace Building Chillers**  
**Orangeburg, NY**  
**Site Photos**



**Photo 11: Brown Gasket, Chiller Pump Unit**



**Photo 12: Yellow Insulation, Exterior Pipe Runs**

**OGS # 47430**  
**Replace Building Chillers**  
**Orangeburg, NY**  
**Site Photos**



**Photo 13: Yellow Insulation and White Jacket, Chiller Room Walls**

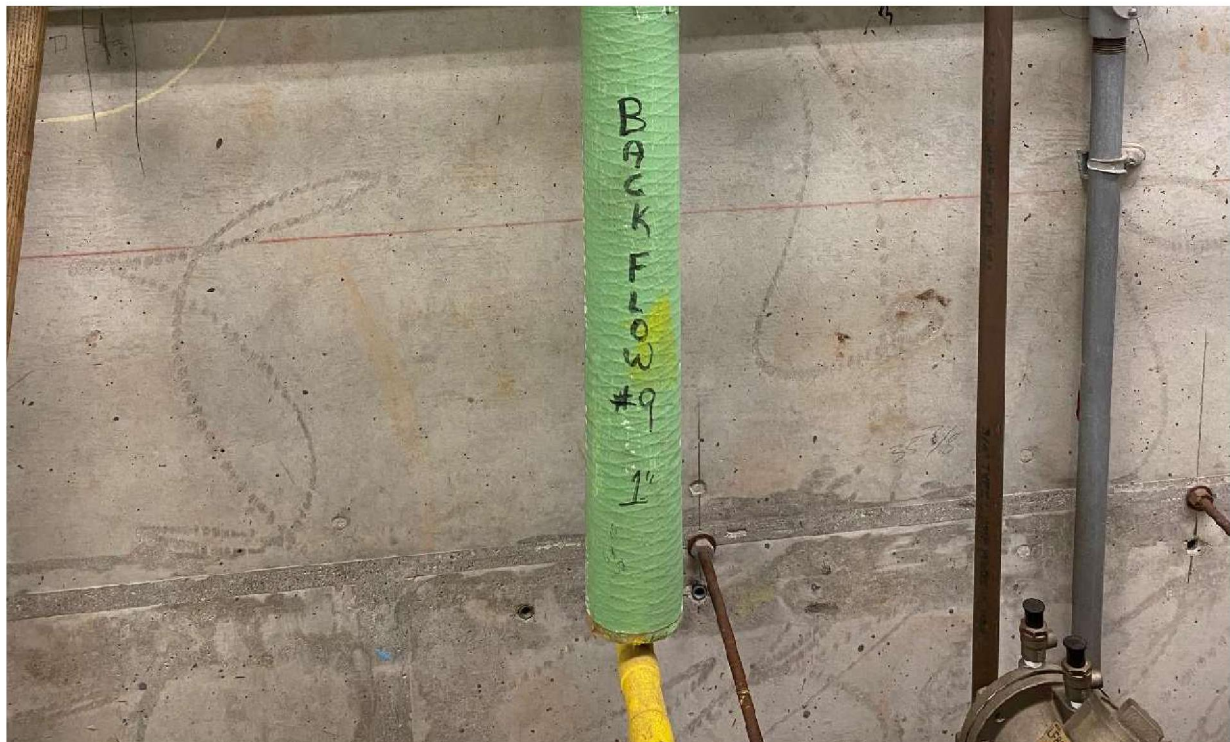


**Photo 14: Yellow Insulation, Chiller Pump Unit**

**OGS # 47430  
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Orangeburg, NY  
Site Photos**



**Photo 15: Solid Plastic Jacket, Brown Insulation, and Yellow Pipe Run Insulation**



**Photo 16: Backflow Pipe Green Jacket and Pipe Insulation**

**OGS # 47430  
Replace Building Chillers  
Orangeburg, NY  
Site Photos**



**Photo 17: Black Spray Foam Insulation, Chiller Condenser Lines**



**Photo 18: Underground Electrical Line Putty**

**OGS # 47430  
Replace Building Chillers  
Orangeburg, NY  
Site Photos**



**Photo 19: Yellow Insulation, Chiller Pipe Runs**



**Photo 20: Yellow Pipe Paint, Interior Auxiliary Chilled Water Equipment  
(Lead-Based Paint)**

**Appendix B**  
**Laboratory Results**  
**Chain of Custody**  
**Sample Location Map**  
**Material Quantities**

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**Response Labs**  
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Phone (518) 482-5630 Fax (518) 482-5624  
NYS DOH ELAP # 11917

## PLM Bulk Asbestos Report

**Client:** OSPA Engineering  
800 Route 146 Bldg. 200, Suite 280  
Clifton Park NY 12065

**Client Project Number:** 430-1-0

**Project Name:** Orangeburg Cook Chill Center

**Laboratory Batch Number:** 4946-28701

**Sampling Area:**

**Sampled By:** Client

**Collection Date:** 6/30/2023

**Date Received:** 7/13/2023

Lab Sample #	Customer Sample #	Homogeneity	Color	% Non-Fibrous Matrix Material	Gravimetric Test			Total % of Asbestos
					% of Organics	% of Acid Soluble Inorganics	% of Residue	
29973	DP-1							
Sampled Material: Black Pipe Coating					Other Materials	%	Asbestos Types:	
Sample Location: Double Wall Pipe								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29974	DP-2							
Sampled Material: Black Pipe Coating					Other Materials	%	Asbestos Types:	
Sample Location: Double Wall Pipe Supply								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29975	FR-1							
Sampled Material: Black Percussive					Other Materials	%	Asbestos Types:	
Sample Location: Footing Riser								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29976	FB-1							
Sampled Material: Black Percussive					Other Materials	%	Asbestos Types:	
Sample Location: Footing Bases								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			

**Definitions of Abbreviations:** NOB: Non-Organically Bound, Trace: Asbestos Detected at 1% or Less, TEM: Transmission Electron Microscope, Inc.: Inconclusive, NAD: No Asbestos Detected, NA/PS: Not Analyzed Positive Stop, NA: Not Analyzed, ACM: Asbestos Containing Material, NVA: No Visible Asbestos

Disclaimer: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. No Asbestos Detected or Trace results by PLM 198.6 are considered inconclusive, TEM is currently the only method that can be used to determine if materials can be considered as non asbestos containing in NY State. This report cannot be reproduced except in full without the approval of Response Labs, LLC. This PLM report relates ONLY to the items tested. Liability is limited to the cost of analysis.

ELAP PLM Method 198.1 for friable samples or 198.6 for NOB Samples. There is no accreditation coverage available from any regulatory agency for Qualitative PLM.

Vermiculite Disclaimer (7/9/13): This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

**Comments:**

**Laboratory Director,**

Teilah Morrison



**Response Labs**  
828 Washington Avenue, Albany NY 12203  
Phone (518) 482-5630 Fax (518) 482-5624  
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**Sampling Area:**

**Sampled By:** Client

**Collection Date:** 6/30/2023

**Date Received:** 7/13/2023

Lab Sample #	Customer Sample #	Homogeneity	Color	% Non-Fibrous Matrix Material	Gravimetric Test			Total % of Asbestos
					% of Organics	% of Acid Soluble Inorganics	% of Residue	
29977	GM-1							
Sampled Material: Grey Mastic					Other Materials	%	Asbestos Types:	
Sample Location: Supply Duct Hallway Outside Chiller Room								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29978	BF-1							
Sampled Material: Black Foam Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Black Foam Insulation								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29979	BF-2							
Sampled Material: Black Foam Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Black Foam Insulation								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29980	JF-1							
Sampled Material: Grey Caulk					Other Materials	%	Asbestos Types:	
Sample Location: Exterior Chiller Pipe Joint Face								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			

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**Sampled By:** Client

**Collection Date:** 6/30/2023

**Date Received:** 7/13/2023

Lab Sample #	Customer Sample #	Homogeneity	Color	% Non-Fibrous Matrix Material	Gravimetric Test			Total % of Asbestos
					% of Organics	% of Acid Soluble Inorganics	% of Residue	
29981	JF-1							
Sampled Material: Grey Caulk					Other Materials	%	Asbestos Types:	
Sample Location: Exterior Chiller Pipe Joint Face								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29982	ECG-1							
Sampled Material: Black Gasket					Other Materials	%	Asbestos Types:	
Sample Location: Exterior Chiller Compressor Gasket								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29983	ES-1							
Sampled Material: White Fireproofing Spray Foam					Other Materials	%	Asbestos Types:	
Sample Location: Electrical Room Ceilings								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29984	ES-2							
Sampled Material: White Fireproofing Spray Foam					Other Materials	%	Asbestos Types:	
Sample Location: Electrical Room Ceilings								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			

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Lab Sample #	Customer Sample #	Homogeneity	Color	% Non-Fibrous Matrix Material	Gravimetric Test			Total % of Asbestos
					% of Organics	% of Acid Soluble Inorganics	% of Residue	
29985	ES-3							
Sampled Material: White Fireproofing Spray Foam					Other Materials	%	Asbestos Types:	
Sample Location: Electrical Room Ceilings								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29986	IM-1							
Sampled Material: Stone Masonry					Other Materials	%	Asbestos Types:	
Sample Location: Interior Walls								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29987	PG-1							
Sampled Material: Brown Gasket					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pump Unit								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29988	PRG-1							
Sampled Material: Black Gasket					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pump Pipe Run Gasket								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			

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**Sampling Area:**

**Sampled By:** Client

**Collection Date:** 6/30/2023

**Date Received:** 7/13/2023

Lab Sample #	Customer Sample #	Homogeneity	Color	% Non-Fibrous Matrix Material	Gravimetric Test			Total % of Asbestos
					% of Organics	% of Acid Soluble Inorganics	% of Residue	
29989	PRG-2							
Sampled Material: Black Gasket					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pump Pipe Run Gasket								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29990	WC-1							
Sampled Material: White Caulk					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pump Pipe Run End Sections								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29991	WC-2							
Sampled Material: White Caulk					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pump Pipe Run End Sections								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29992	PRE-1							
Sampled Material: Yellow Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Exterior Pipe Runs								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			

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**Comments:**

**Laboratory Director,**

Teilah Morrison



**Response Labs**  
828 Washington Avenue, Albany NY 12203  
Phone (518) 482-5630 Fax (518) 482-5624  
NYS DOH ELAP # 11917

## PLM Bulk Asbestos Report

**Project Name:** Orangeburg Cook Chill Center

**Laboratory Batch Number:** 4946-28701

**Sampling Area:**

**Sampled By:** Client

**Collection Date:** 6/30/2023

**Date Received:** 7/13/2023

Lab Sample #	Customer Sample #	Homogeneity	Color	% Non-Fibrous Matrix Material	Gravimetric Test			Total % of Asbestos
					% of Organics	% of Acid Soluble Inorganics	% of Residue	
29993	PRE-2							
<b>Sampled Material:</b> Yellow Insulation					<b>Other Materials</b>	<b>%</b>	<b>Asbestos Types:</b>	
<b>Sample Location:</b> Chiller Exterior Pipe Runs								
<b>Analyzed By:</b>		<b>Method:</b> Sent Out						
<b>Microscope:</b>		<b>Turn Around Time:</b> Sent Out			<b>Date:</b>			
29994	PRE-3							
<b>Sampled Material:</b> Yellow Insulation					<b>Other Materials</b>	<b>%</b>	<b>Asbestos Types:</b>	
<b>Sample Location:</b> Chiller Exterior Pipe Runs								
<b>Analyzed By:</b>		<b>Method:</b> Sent Out						
<b>Microscope:</b>		<b>Turn Around Time:</b> Sent Out			<b>Date:</b>			
29995	EIE-1							
<b>Sampled Material:</b> Yellow Insulation					<b>Other Materials</b>	<b>%</b>	<b>Asbestos Types:</b>	
<b>Sample Location:</b> Chiller Exterior Elbow Insulation								
<b>Analyzed By:</b>		<b>Method:</b> Sent Out						
<b>Microscope:</b>		<b>Turn Around Time:</b> Sent Out			<b>Date:</b>			
29996	EIE-2							
<b>Sampled Material:</b> Yellow Insulation					<b>Other Materials</b>	<b>%</b>	<b>Asbestos Types:</b>	
<b>Sample Location:</b> Chiller Exterior Elbow Insulation								
<b>Analyzed By:</b>		<b>Method:</b> Sent Out						
<b>Microscope:</b>		<b>Turn Around Time:</b> Sent Out			<b>Date:</b>			

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**Laboratory Batch Number:** 4946—28701

**Sampling Area:**

**Sampled By:** Client

**Collection Date:** 6/30/2023

**Date Received:** 7/13/2023

Lab Sample #	Customer Sample #	Homogeneity	Color	% Non-Fibrous Matrix Material	Gravimetric Test			Total % of Asbestos
					% of Organics	% of Acid Soluble Inorganics	% of Residue	
29997	EIE-3							
Sampled Material: Yellow Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Exterior Elbow Insulation								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29998	WI-1							
Sampled Material: Yellow Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Room Walls								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
29999	WI-2							
Sampled Material: Yellow Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Room Walls								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30000	WJ-1							
Sampled Material: White Jacket					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Room Walls								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			

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**Laboratory Batch Number:** 4946—28701

**Sampling Area:**

**Sampled By:** Client

**Collection Date:** 6/30/2023

**Date Received:** 7/13/2023

Lab Sample #	Customer Sample #	Homogeneity	Color	% Non-Fibrous Matrix Material	Gravimetric Test			Total % of Asbestos
					% of Organics	% of Acid Soluble Inorganics	% of Residue	
30001	WJ-2							
Sampled Material: White Jacket					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Room Walls								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30002	PI-1							
Sampled Material: Yellow Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pipe Unit								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30003	PI-2							
Sampled Material: Yellow Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pipe Unit								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30004	PRB-1							
Sampled Material: Brown Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pump Pipe Runs								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			

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**Laboratory Batch Number:** 4946—28701

**Sampling Area:**

**Sampled By:** Client

**Collection Date:** 6/30/2023

**Date Received:** 7/13/2023

Lab Sample #	Customer Sample #	Homogeneity	Color	% Non-Fibrous Matrix Material	Gravimetric Test			Total % of Asbestos
					% of Organics	% of Acid Soluble Inorganics	% of Residue	
30005	PRB-2							
Sampled Material: Brown Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pump Pipe Runs								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30006	PRB-3							
Sampled Material: Brown Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pump Pipe Runs								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30007	PRY-1							
Sampled Material: Yellow Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pipe Runs								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30008	PRY-2							
Sampled Material: Yellow Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pipe Runs								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			

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**Laboratory Batch Number:** 4946—28701

**Sampling Area:**

**Sampled By:** Client

**Collection Date:** 6/30/2023

**Date Received:** 7/13/2023

Lab Sample #	Customer Sample #	Homogeneity	Color	% Non-Fibrous Matrix Material	Gravimetric Test			Total % of Asbestos
					% of Organics	% of Acid Soluble Inorganics	% of Residue	
30009	PRY-3							
<b>Sampled Material:</b> Yellow Insulation					<b>Other Materials</b>	<b>%</b>	<b>Asbestos Types:</b>	
<b>Sample Location:</b> Chiller Pipe Runs								
<b>Analyzed By:</b>		<b>Method:</b> Sent Out						
<b>Microscope:</b>		<b>Turn Around Time:</b> Sent Out			<b>Date:</b>			
30010	HJ-1							
<b>Sampled Material:</b> White Plastic					<b>Other Materials</b>	<b>%</b>	<b>Asbestos Types:</b>	
<b>Sample Location:</b> Chiller Pipe Runs Solid Jacket								
<b>Analyzed By:</b>		<b>Method:</b> Sent Out						
<b>Microscope:</b>		<b>Turn Around Time:</b> Sent Out			<b>Date:</b>			
30011	HJ-2							
<b>Sampled Material:</b> White Plastic					<b>Other Materials</b>	<b>%</b>	<b>Asbestos Types:</b>	
<b>Sample Location:</b> Chiller Pipe Runs Solid Jacket								
<b>Analyzed By:</b>		<b>Method:</b>						
<b>Microscope:</b>		<b>Turn Around Time:</b> 0			<b>Date:</b>			
30012	PJ-1							
<b>Sampled Material:</b> White Jacket					<b>Other Materials</b>	<b>%</b>	<b>Asbestos Types:</b>	
<b>Sample Location:</b> Pump Unit								
<b>Analyzed By:</b>		<b>Method:</b> Sent Out						
<b>Microscope:</b>		<b>Turn Around Time:</b> Sent Out			<b>Date:</b>			

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NYS DOH ELAP # 11917

## PLM Bulk Asbestos Report

**Project Name:** Orangeburg Cook Chill Center

**Laboratory Batch Number:** 4946 — 28701

**Sampling Area:**

**Sampled By:** Client

**Collection Date:** 6/30/2023

**Date Received:** 7/13/2023

Lab Sample #	Customer Sample #	Homogeneity	Color	% Non-Fibrous Matrix Material	Gravimetric Test			Total % of Asbestos
					% of Organics	% of Acid Soluble Inorganics	% of Residue	
30013	PJ-2							
Sampled Material: White Jacket					Other Materials	%	Asbestos Types:	
Sample Location: Pump Unit								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30014	PH-1							
Sampled Material: White Plastic					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pipe Runs Solid Jacket								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30015	PH-2							
Sampled Material: White Plastic					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pipe Runs Solid Jacket								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30016	BR-1							
Sampled Material: Yellow Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Backflow Pipe Runs								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			

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**Date Received:** 7/13/2023

Lab Sample #	Customer Sample #	Homogeneity	Color	% Non-Fibrous Matrix Material	Gravimetric Test			Total % of Asbestos
					% of Organics	% of Acid Soluble Inorganics	% of Residue	
30017	BR-2							
Sampled Material: Yellow Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Backflow Pipe Runs								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30018	BR-3							
Sampled Material: Yellow Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Backflow Pipe Runs								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30019	BFJ-1							
Sampled Material: Green Jacket					Other Materials	%	Asbestos Types:	
Sample Location: Backflow Pipe Runs								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30020	BFJ-2							
Sampled Material: Green Jacket					Other Materials	%	Asbestos Types:	
Sample Location: Backflow Pipe Runs								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			

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**Date Received:** 7/13/2023

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					% of Organics	% of Acid Soluble Inorganics	% of Residue	
30021	EI-1							
Sampled Material: Orange Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pump Pipe Elbows								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30022	EI-2							
Sampled Material: Orange Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pump Pipe Elbows								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30023	EI-3							
Sampled Material: Orange Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pump Pipe Elbows								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30024	BC-1							
Sampled Material: Black Foam Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pump Condenser Lines								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			

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**Laboratory Batch Number:** 4946 — 28701

**Sampling Area:**

**Sampled By:** Client

**Collection Date:** 6/30/2023

**Date Received:** 7/13/2023

Lab Sample #	Customer Sample #	Homogeneity	Color	% Non-Fibrous Matrix Material	Gravimetric Test			Total % of Asbestos
					% of Organics	% of Acid Soluble Inorganics	% of Residue	
30025	BC-2							
Sampled Material: Black Foam Insulation					Other Materials	%	Asbestos Types:	
Sample Location: Chiller Pump Condenser Lines								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30026	EP-1							
Sampled Material: Black Putty					Other Materials	%	Asbestos Types:	
Sample Location: Underground Electric Line Covering								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			
30027	EP-2							
Sampled Material: Black Putty					Other Materials	%	Asbestos Types:	
Sample Location: Underground Electric Line Covering								
Analyzed By:		Method: Sent Out						
Microscope:		Turn Around Time: Sent Out			Date:			

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**AmeriSci New York**117 EAST 30TH ST.  
NEW YORK, NY 10016

TEL: (212) 679-8600 • FAX: (212) 679-3114

**PLM Bulk Asbestos Report**Response Labs  
Attn: Teilah Morrison  
828 Washington Avenue

Albany, NY 12203

Date Received	07/14/23	AmeriSci Job #	223072612
Date Examined	07/18/23	P.O. #	
ELAP #	11480	Page	1 of 10
RE: 430-1-0; Orangeburg Cook Chill Center			

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
DP-1	223072612-01	No	NAD
Location: Double Wall Pipe - Black Pipe Coating			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 21%			
DP-2	223072612-02	No	NAD
Location: Double Wall Pipe Supply - Black Pipe Coating			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 21.9%			
FR-1	223072612-03	No	NAD
Location: Footing Riser - Black Percussive			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 1.2%			
FB-1	223072612-04	No	NAD
Location: Footing Bases - Black Percussive			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: Black/Brown, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 7%			
GM-1	223072612-05	No	NAD
Location: Supply Duct Hallway Outside Chiller Room - Grey Mastic			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 27.6%			

## PLM Bulk Asbestos Report

430-1-0; Orangeburg Cook Chill Center

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
BF-1	223072612-06	No	NAD
Location: Chiller Black Foam Insulation - Black Foam Insulation			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100%			
BF-2	223072612-07	No	NAD
Location: Chiller Black Foam Insulation - Black Foam Insulation			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100%			
JF-1	223072612-08	No	NAD
Location: Exterior Chiller Pipe Joint Face - Grey Caulk			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 7.2%			
JF-2	223072612-09	No	NAD
Location: Exterior Chiller Pipe Joint Face - Grey Caulk			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 7.3%			
ECG-1	223072612-10	Yes	19.7%
Location: Exterior Chiller Compressor Gasket - Black Gasket			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 19.7 %			
Other Material: Non-fibrous 29.6%			
ES-1	223072612-11	No	NAD
Location: Electrical Room Ceilings - White Fireproofing Spray Foam			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100%			

## PLM Bulk Asbestos Report

430-1-0; Orangeburg Cook Chill Center

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
ES-2	223072612-12	No	NAD
Location: Electrical Room Ceilings - White Fireproofing Spray Foam			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100%			
ES-3	223072612-13	No	NAD
Location: Electrical Room Ceilings - White Fireproofing Spray Foam			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100%			
IM-1	223072612-14	No	NAD
Location: Interior Walls - Stone Masonry			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100%			
PG-1	223072612-15	No	NAD
Location: Chiller Pump Unit - Brown Gasket			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 22.4%			
PRG-1	223072612-16	No	NAD
Location: Chiller Pump Pipe Run Gasket - Black Gasket			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 2.2%			
PRG-2	223072612-17	No	NAD
Location: Chiller Pump Pipe Run Gasket - Black Gasket			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 3.2%			

## PLM Bulk Asbestos Report

430-1-0; Orangeburg Cook Chill Center

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
WC-1	223072612-18	No	NAD
Location: Chiller Pump Pipe Run End Sections - White Caulk			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 9.5%			
WC-2	223072612-19	No	NAD
Location: Chiller Pump Pipe Run End Sections - White Caulk			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 11.1%			
PRE-1	223072612-20	No	NAD
Location: Chiller Exterior Pipe Runs - Yellow Insulation			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Fibrous glass 95%, Non-fibrous 5%			
PRE-2	223072612-21	No	NAD
Location: Chiller Exterior Pipe Runs - Yellow Insulation			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Fibrous glass 95%, Non-fibrous 5%			
PRE-3	223072612-22	No	NAD
Location: Chiller Exterior Pipe Runs - Yellow Insulation			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Fibrous glass 95%, Non-fibrous 5%			
EIE-1	223072612-23	No	NAD
Location: Chiller Exterior Elbow Insulation - Yellow Insulation			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Fibrous glass 97%, Non-fibrous 3%			

## PLM Bulk Asbestos Report

430-1-0; Orangeburg Cook Chill Center

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
EIE-2	223072612-24	No	NAD
Location: Chiller Exterior Elbow Insulation - Yellow Insulation			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Fibrous glass 97%, Non-fibrous 3%			
EIE-3	223072612-25	No	NAD
Location: Chiller Exterior Elbow Insulation - Yellow Insulation			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Fibrous glass 96%, Non-fibrous 4%			
WI-1	223072612-26	No	NAD
Location: Chiller Room Walls - Yellow Insulation			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Fibrous glass 98%, Non-fibrous 2%			
WI-2	223072612-27	No	NAD
Location: Chiller Room Walls - Yellow Insulation			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Fibrous glass 98%, Non-fibrous 2%			
WJ-1	223072612-28	No	NAD
Location: Chiller Room Walls - White Jacket			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: White/Silver, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 60%, Fibrous glass 20%, Non-fibrous 20%			
WJ-2	223072612-29	No	NAD
Location: Chiller Room Walls - White Jacket			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: White/Silver, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 60%, Fibrous glass 20%, Non-fibrous 20%			

## PLM Bulk Asbestos Report

430-1-0; Orangeburg Cook Chill Center

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
PI-1 Location: Chiller Pump Unit - Yellow Insulation  Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 95%, Non-fibrous 5%	223072612-30	No	NAD (by NYS ELAP 198.1) by Bo Sun on 07/18/23
PI-2 Location: Chiller Pump Unit - Yellow Insulation  Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 95%, Non-fibrous 5%	223072612-31	No	NAD (by NYS ELAP 198.1) by Bo Sun on 07/18/23
PRB-1 Location: Chiller Pump Pipe Runs - Brown Insulation  Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 97%, Non-fibrous 3%	223072612-32	No	NAD (by NYS ELAP 198.1) by Bo Sun on 07/18/23
PRB-2 Location: Chiller Pump Pipe Runs - Brown Insulation  Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 95%, Non-fibrous 5%	223072612-33	No	NAD (by NYS ELAP 198.1) by Bo Sun on 07/18/23
PRB-3 Location: Chiller Pump Pipe Runs - Brown Insulation  Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 96%, Non-fibrous 4%	223072612-34	No	NAD (by NYS ELAP 198.1) by Bo Sun on 07/18/23
PRY-1 Location: Chiller Pipe Runs - Yellow Insulation  Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 98%, Non-fibrous 2%	223072612-35	No	NAD (by NYS ELAP 198.1) by Bo Sun on 07/18/23

## PLM Bulk Asbestos Report

430-1-0; Orangeburg Cook Chill Center

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
PRY-2  Location: Chiller Pipe Runs - Yellow Insulation  Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 98%, Non-fibrous 2%	223072612-36	No	NAD (by NYS ELAP 198.1) by Bo Sun on 07/18/23
PRY-3  Location: Chiller Pipe Runs - Yellow Insulation  Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 98%, Non-fibrous 2%	223072612-37	No	NAD (by NYS ELAP 198.1) by Bo Sun on 07/18/23
HJ-1  Location: Chiller Pipe Runs Solid Jacket - White Plastic  Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 2.9%	223072612-38	No	NAD (by NYS ELAP 198.6) by Bo Sun on 07/18/23
HJ-2  Location: Chiller Pipe Runs Solid Jacket - White Plastic  Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 1.7%	223072612-39	No	NAD (by NYS ELAP 198.6) by Bo Sun on 07/18/23
PJ-1  Location: Pump Unit - White Jacket  Analyst Description: White/Silver, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 80%, Non-fibrous 20%	223072612-40	No	NAD (by NYS ELAP 198.1) by Bo Sun on 07/18/23
PJ-2  Location: Pump Unit - White Jacket  Analyst Description: White/Silver, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 65%, Fibrous glass 15%, Non-fibrous 20%	223072612-41	No	NAD (by NYS ELAP 198.1) by Bo Sun on 07/18/23

## PLM Bulk Asbestos Report

430-1-0; Orangeburg Cook Chill Center

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
PH-1 Location: Chiller Pipe Runs Solid Jacket - White Plastic  Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 9.9%	223072612-42	No	NAD (by NYS ELAP 198.6) by Bo Sun on 07/18/23
PH-2 Location: Chiller Pipe Runs Solid Jacket - White Plastic  Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 9.9%	223072612-43	No	NAD (by NYS ELAP 198.6) by Bo Sun on 07/18/23
BR-1 Location: Backflow Pipe Runs - Yellow Insulation  Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 95%, Non-fibrous 5%	223072612-44	No	NAD (by NYS ELAP 198.1) by Bo Sun on 07/18/23
BR-2 Location: Backflow Pipe Runs - Yellow Insulation  Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 95%, Non-fibrous 5%	223072612-45	No	NAD (by NYS ELAP 198.1) by Bo Sun on 07/18/23
BR-3 Location: Backflow Pipe Runs - Yellow Insulation  Analyst Description: Yellow, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 95%, Non-fibrous 5%	223072612-46	No	NAD (by NYS ELAP 198.1) by Bo Sun on 07/18/23
BFJ-1 Location: Backflow Pipe Runs - Green Jacket  Analyst Description: Green, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 37.1%	223072612-47	No	NAD (by NYS ELAP 198.6) by Bo Sun on 07/18/23

## PLM Bulk Asbestos Report

430-1-0; Orangeburg Cook Chill Center

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
BFJ-2	223072612-48	No	NAD
Location: Backflow Pipe Runs - Green Jacket			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: Green, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 33.3%			
EI-1	223072612-49	No	NAD
Location: Chiller Pump Pipe Elbows - Orange Insulation			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Orange, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Fibrous glass 97%, Non-fibrous 3%			
EI-2	223072612-50	No	NAD
Location: Chiller Pump Pipe Elbows - Orange Insulation			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Orange, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Fibrous glass 95%, Non-fibrous 5%			
EI-3	223072612-51	No	NAD
Location: Chiller Pump Pipe Elbows - Orange Insulation			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Orange, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Fibrous glass 95%, Non-fibrous 5%			
BC-1	223072612-52	No	NAD
Location: Chiller Pump Condenser Lines - Black Foam Insulation			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100%			
BC-2	223072612-53	No	NAD
Location: Chiller Pump Condenser Lines - Black Foam Insulation			(by NYS ELAP 198.1) by Bo Sun on 07/18/23
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100%			

## PLM Bulk Asbestos Report

430-1-0; Orangeburg Cook Chill Center

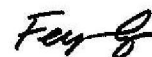
Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
EP-1	223072612-54	No	NAD
Location: Underground Electric Line Covering - Black Putty			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 28.7%			
EP-2	223072612-55	No	NAD
Location: Underground Electric Line Covering - Black Putty			(by NYS ELAP 198.6) by Bo Sun on 07/18/23
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 31.4%			

### Reporting Notes:

Analyzed by: Bo Sun  
Date: 7/18/2023



Reviewed by: Feyza Gungor



\*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis using Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, by Appd E to Subpt E, 40 CFR 763 quantified by either CVES or 400 pt ct as noted for each analysis (NVLAP 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite, or ELAP 198.6 for NOB samples, or EPA 400 pt ct by EPA 600-M4-82-020 (NY ELAP Lab 11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054, NJ Lab ID #NY031.

END OF REPORT

Client Name: Response Labs

**Table I**  
**Summary of Bulk Asbestos Analysis Results**  
 430-1-0; Orangeburg Cook Chill Center

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	DP-1		0.113	77.9	1.2	21.0	NAD	NAD
Location:	Double Wall Pipe - Black Pipe Coating							
02	DP-2		0.076	77.6	0.5	21.9	NAD	NAD
Location:	Double Wall Pipe Supply - Black Pipe Coating							
03	FR-1		0.143	76.4	22.4	1.2	NAD	NAD
Location:	Footing Riser - Black Percussive							
04	FB-1		0.217	74.6	18.4	7.0	NAD	NAD
Location:	Footing Bases - Black Percussive							
05	GM-1		0.106	50.6	21.8	27.6	NAD	NAD
Location:	Supply Duct Hallway Outside Chiller Room - Grey Mastic							
06	BF-1		---	---	---	---	NAD	NA
Location:	Chiller Black Foam Insulation - Black Foam Insulation							
07	BF-2		---	---	---	---	NAD	NA
Location:	Chiller Black Foam Insulation - Black Foam Insulation							
08	JF-1		0.269	51.1	41.7	7.2	NAD	NAD
Location:	Exterior Chiller Pipe Joint Face - Grey Caulk							
09	JF-2		0.213	52.2	40.5	7.3	NAD	NAD
Location:	Exterior Chiller Pipe Joint Face - Grey Caulk							
10	ECG-1		0.038	37.6	13.1	29.6	Chrysotile 19.7	NA
Location:	Exterior Chiller Compressor Gasket - Black Gasket							
11	ES-1		---	---	---	---	NAD	NA
Location:	Electrical Room Ceilings - White Fireproofing Spray Foam							
12	ES-2		---	---	---	---	NAD	NA
Location:	Electrical Room Ceilings - White Fireproofing Spray Foam							
13	ES-3		---	---	---	---	NAD	NA
Location:	Electrical Room Ceilings - White Fireproofing Spray Foam							
14	IM-1		---	---	---	---	NAD	NA
Location:	Interior Walls - Stone Masonry							
15	PG-1		0.120	65.1	12.5	22.4	NAD	NAD
Location:	Chiller Pump Unit - Brown Gasket							
16	PRG-1		0.192	92.9	4.9	2.2	NAD	NAD
Location:	Chiller Pump Pipe Run Gasket - Black Gasket							

See Reporting notes on last page

Client Name: Response Labs

**Table 1**  
**Summary of Bulk Asbestos Analysis Results**  
 430-1-0; Orangeburg Cook Chill Center

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	PRG-2		0.163	92.1	4.7	3.2	NAD	NAD
Location:	Chiller Pump Pipe Run Gasket - Black Gasket							
18	WC-1		0.252	54.0	36.5	9.5	NAD	NAD
Location:	Chiller Pump Pipe Run End Sections - White Caulk							
19	WC-2		0.298	53.1	35.8	11.1	NAD	NAD
Location:	Chiller Pump Pipe Run End Sections - White Caulk							
20	PRE-1		---	---	---	---	NAD	NA
Location:	Chiller Exterior Pipe Runs - Yellow Insulation							
21	PRE-2		---	---	---	---	NAD	NA
Location:	Chiller Exterior Pipe Runs - Yellow Insulation							
22	PRE-3		---	---	---	---	NAD	NA
Location:	Chiller Exterior Pipe Runs - Yellow Insulation							
23	EIE-1		---	---	---	---	NAD	NA
Location:	Chiller Exterior Elbow Insulation - Yellow Insulation							
24	EIE-2		---	---	---	---	NAD	NA
Location:	Chiller Exterior Elbow Insulation - Yellow Insulation							
25	EIE-3		---	---	---	---	NAD	NA
Location:	Chiller Exterior Elbow Insulation - Yellow Insulation							
26	WI-1		---	---	---	---	NAD	NA
Location:	Chiller Room Walls - Yellow Insulation							
27	WI-2		---	---	---	---	NAD	NA
Location:	Chiller Room Walls - Yellow Insulation							
28	WJ-1		---	---	---	---	NAD	NA
Location:	Chiller Room Walls - White Jacket							
29	WJ-2		---	---	---	---	NAD	NA
Location:	Chiller Room Walls - White Jacket							
30	PI-1		---	---	---	---	NAD	NA
Location:	Chiller Pump Unit - Yellow Insulation							
31	PI-2		---	---	---	---	NAD	NA
Location:	Chiller Pump Unit - Yellow Insulation							
32	PRB-1		---	---	---	---	NAD	NA
Location:	Chiller Pump Pipe Runs - Brown Insulation							

See Reporting notes on last page

Client Name: Response Labs

**Table I**  
**Summary of Bulk Asbestos Analysis Results**  
 430-1-0; Orangeburg Cook Chill Center

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
33	PRB-2		---	---	---	---	NAD	NA
Location:	Chiller Pump Pipe Runs - Brown Insulation							
34	PRB-3		---	---	---	---	NAD	NA
Location:	Chiller Pump Pipe Runs - Brown Insulation							
35	PRY-1		---	---	---	---	NAD	NA
Location:	Chiller Pipe Runs - Yellow Insulation							
36	PRY-2		---	---	---	---	NAD	NA
Location:	Chiller Pipe Runs - Yellow Insulation							
37	PRY-3		---	---	---	---	NAD	NA
Location:	Chiller Pipe Runs - Yellow Insulation							
38	HJ-1		0.130	81.6	15.5	2.9	NAD	NAD
Location:	Chiller Pipe Runs Solid Jacket - White Plastic							
39	HJ-2		0.114	80.0	18.3	1.7	NAD	NAD
Location:	Chiller Pipe Runs Solid Jacket - White Plastic							
40	PJ-1		---	---	---	---	NAD	NA
Location:	Pump Unit - White Jacket							
41	PJ-2		---	---	---	---	NAD	NA
Location:	Pump Unit - White Jacket							
42	PH-1		0.146	74.4	15.7	9.9	NAD	NAD
Location:	Chiller Pipe Runs Solid Jacket - White Plastic							
43	PH-2		0.152	77.0	13.1	9.9	NAD	NAD
Location:	Chiller Pipe Runs Solid Jacket - White Plastic							
44	BR-1		---	---	---	---	NAD	NA
Location:	Backflow Pipe Runs - Yellow Insulation							
45	BR-2		---	---	---	---	NAD	NA
Location:	Backflow Pipe Runs - Yellow Insulation							
46	BR-3		---	---	---	---	NAD	NA
Location:	Backflow Pipe Runs - Yellow Insulation							
47	BFJ-1		0.090	58.0	4.9	37.1	NAD	NAD
Location:	Backflow Pipe Runs - Green Jacket							
48	BFJ-2		0.108	60.4	6.3	33.3	NAD	NAD
Location:	Backflow Pipe Runs - Green Jacket							

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**Table I**  
**Summary of Bulk Asbestos Analysis Results**  
430-1-0; Orangeburg Cook Chill Center

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
49	El-1		---	---	---	---	NAD	NA
Location:	Chiller Pump Pipe Elbows - Orange Insulation							
50	El-2		---	---	---	---	NAD	NA
Location:	Chiller Pump Pipe Elbows - Orange Insulation							
51	El-3		---	---	---	---	NAD	NA
Location:	Chiller Pump Pipe Elbows - Orange Insulation							
52	BC-1		---	---	---	---	NAD	NA
Location:	Chiller Pump Condenser Lines - Black Foam Insulation							
53	BC-2		---	---	---	---	NAD	NA
Location:	Chiller Pump Condenser Lines - Black Foam Insulation							
54	EP-1		0.287	28.8	42.5	28.7	NAD	NAD
Location:	Underground Electric Line Covering - Black Putty							
55	EP-2		0.262	20.5	48.1	31.4	NAD	NAD
Location:	Underground Electric Line Covering - Black Putty							

Analyzed by: Feyza Gungor

Date: 7/19/2023

*Feyza*

Reviewed by: Feyza Gungor

*Feyza*

\*\*Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM by Appd E to Subpt E, 40 CFR 763 or NYSDOH ELAP 198.1 for New York friable samples or NYSDOH ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (or NYSDOH ELAP 198.4; for New York samples). Analysis using Hitachi, Model H7000-Noran 7 System, Microscope, Serial #: 747-05-06. NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); NVLAP (PLM) 200546-0, NYSDOH ELAP Lab 11480, NJ Lab ID #NY031.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

## CHAIN OF CUSTODY – ASBESTOS

Client: OSPA Engineering  
800 Route 146 Bldg. 200 Suite 280  
Clifton Park, NY 12065  
 Contact: Nathan Laing  
 Phone/Fax: 518-709-9959

Project: Orangeburg Cook Chill Center  
 Email: nlaing@ospaengineering.com  
 Project Number: OSPA 430-1-0  
 Sampled By: OSPA Engineering Services  
 Date / Time Collected: June 30, 2023

**ALL NEGATIVE PLM NOB's ARE TO IMMEDIATELY GO TO TEM AT 24HR TAT**

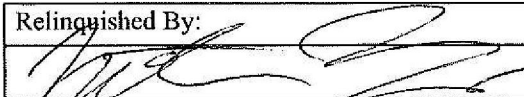
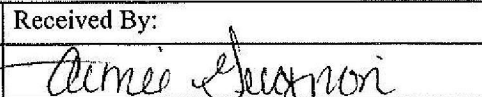
Turnaround Time: 24HR 48HR 5 Day Standard Other: \_\_\_\_\_

Log No.	Sample No.	Sample Location	Sample Material	Analysis	Results
73	DP-1	Double Wall Pipe	Black Pipe Coating	NOB/TEM Positive Stop	
74	DP-2	Double Wall Pipe Supply	Black Pipe Coating	NOB/TEM Positive Stop	
75	FR-1	Footing Riser	Black Percussive	NOB/TEM Positive Stop	
76	FB-1	Footing Bases	Black Percussive	NOB/TEM Positive Stop	
77	GM-1	Supply Duct Hallway Outside Chiller Room	Grey Mastic	NOB/TEM Positive Stop	
78	BF-1	Chiller Black Foam Insulation	Black Foam Insulation	NOB/TEM Positive Stop	
79	BF-2	Chiller Black Foam Insulation	Black Foam Insulation	NOB/TEM Positive Stop	
80	JF-1	Exterior Chiller Pipe Joint Face	Grey Caulk	NOB/TEM Positive Stop	
81	JF-2	Exterior Chiller Pipe Joint Face	Grey Caulk	NOB/TEM Positive Stop	
82	ECG-1	Exterior Chiller Compressor Gasket	Black Gasket	NOB/TEM Positive Stop	
83	ES-1	Electrical Room Ceilings	White Fireproofing Spray Foam	NOB/TEM Positive Stop	
84	ES-2	Electrical Room Ceilings	White Fireproofing Spray Foam	NOB/TEM Positive Stop	
85	ES-3	Electrical Room Ceilings	White Fireproofing Spray Foam	NOB/TEM Positive Stop	
86	IM-1	Interior Walls	Stone Masonry	NOB/TEM Positive Stop	

30009

	PRY-3	Chiller Pipe Runs	Yellow Insulation	NOB/TEM Positive Stop	
10	HJ-1	Chiller Pipe Runs Solid Jacket	White Plastic	NOB/TEM Positive Stop	
11	HJ-2	Chiller Pipe Runs Solid Jacket	White Plastic	NOB/TEM Positive Stop	
12	PJ-1	Pump Unit	White Jacket	NOB/TEM Positive Stop	
13	PJ-2	Pump Unit	White Jacket	NOB/TEM Positive Stop	
14	PH-1	Chiller Pipe Runs Solid Jacket	White Plastic	NOB/TEM Positive Stop	
15	PH-2	Chiller Pipe Runs Solid Jacket	White Plastic	NOB/TEM Positive Stop	
16	BR-1	Backflow Pipe Runs	Yellow Insulation	NOB/TEM Positive Stop	
17	BR-2	Backflow Pipe Runs	Yellow Insulation	NOB/TEM Positive Stop	
18	BR-3	Backflow Pipe Runs	Yellow Insulation	NOB/TEM Positive Stop	
19	BFJ-1	Backflow Pipe Runs	Green Jacket	NOB/TEM Positive Stop	
20	BFJ-2	Backflow Pipe Runs	Green Jacket	NOB/TEM Positive Stop	
21	EI-1	Chiller Pump Pipe Elbows	Orange Insulation	NOB/TEM Positive Stop	
22	EI-2	Chiller Pump Pipe Elbows	Orange Insulation	NOB/TEM Positive Stop	
23	EI-3	Chiller Pump Pipe Elbows	Orange Insulation	NOB/TEM Positive Stop	
24	BC-1	Chiller Pump Condenser Lines	Black Foam Insulation	NOB/TEM Positive Stop	
25	BC-2	Chiller Pump Condenser Lines	Black Foam Insulation	NOB/TEM Positive Stop	
26	EP-1	Underground Electric Line Covering	Black Putty	NOB/TEM Positive Stop	
27	EP-2	Underground Electric Line Covering	Black Putty	NOB/TEM Positive Stop	

Disposition of Samples: Accept \_\_\_\_\_ Reject ☒ Comments:

Relinquished By:	Received By:	Date:	Time:
		7/13/23	1402



**Experience is the solution**

314 North Pearl Street ♦ Albany, New York 12207  
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

July 17, 2023

Nathan Laing  
OSPA Engineering  
800 Route 146 Bldg #200  
Suite 280  
Clifton Park, NY 12065  
TEL: 518-636-9956

Work Order No: 230713062

Project# : OSPA 430-1-0

RE: Lead Paint  
Orangeburg Cook Chill Replacement

Adirondack Environmental Services, Inc received 3 samples on 7/13/2023 for the analyses presented in the following report.

Please see case narrative for specifics on analysis.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

ELAP#: 10709

Tara Daniels  
Laboratory Director

## Adirondack Environmental Services, Inc

## CASE NARRATIVE

---

### OSPA Engineering

Date: 17-Jul-23

Lead Paint

Lab WorkOrder: 230713062

Orangeburg Cook Chill Replacement

---

Sample containers were not supplied by Adirondack Environmental Services.

---

### Definitions - RL: Reporting Limit DF: Dilution factor

<b>Qualifiers:</b>	ND : Not Detected at reporting limit	C: CCV below acceptable Limits
	J: Analyte detected below quantitation limit	C+: CCV above acceptable Limits
	B: Analyte detected in Blank	S: LCS Spike recovery is below acceptable limits
	X : Exceeds maximum contamination limit	S+: LCS Spike recovery is above acceptable limits
	H: Hold time exceeded	Z: Duplication outside acceptable limits
	N: Matrix Spike below acceptable limits	T : Tentatively Identified Compound-Estimated
	N+: Matrix Spike is above acceptable limits	E :Above quantitation range-Estimated

**Note : All Results are reported as wet weight unless noted**

**The results relate only to the items tested. Information supplied by the client is assumed to be correct.**

---

**Adirondack Environmental Services, Inc**

Date: 17-Jul-23

**CLIENT:** OSPA Engineering  
**Project:** Lead Paint  
Orangeburg Cook Chill Replacement

**LabWork Order: 230713062****PO#:****Project# : OSPA 430-1-0****Lab SampleID:** 230713062-001**Collection Date:** 6/30/2023**Client Sample ID:** YPL-1**Matrix:** PAINT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

**LEAD IN PAINT - EPA 6010C**Analyst: **WB**

( Prep: SW3050B - 7/14/2023 )

Lead	1.90	0.004		%	1	7/14/2023 7:10:29 PM
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**Lab SampleID:** 230713062-002**Collection Date:** 6/30/2023**Client Sample ID:** BPL-1**Matrix:** PAINT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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**LEAD IN PAINT - EPA 6010C**Analyst: **WB**

( Prep: SW3050B - 7/14/2023 )

Lead	0.010	0.001		%	1	7/14/2023 7:19:35 PM
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**Lab SampleID:** 230713062-003**Collection Date:** 6/30/2023**Client Sample ID:** GRPL-1**Matrix:** PAINT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

**LEAD IN PAINT - EPA 6010C**Analyst: **WB**

( Prep: SW3050B - 7/14/2023 )

Lead	0.069	0.001		%	1	7/14/2023 7:34:16 PM
------	-------	-------	--	---	---	----------------------

230713062

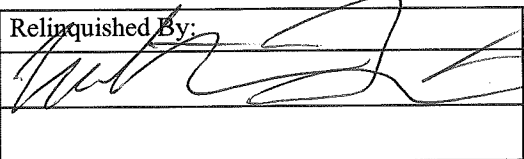
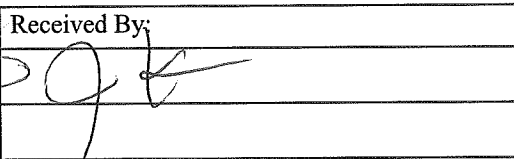
**CHAIN OF CUSTODY – LEAD**

Client: OSPA Engineering Project: Orangeburg Cook Chill Replacement  
800 Route 146 Bldg. 200 Suite 280 Email: nlaing@ospaengineering.com  
Clifton Park, NY 12065 Project Number: OSPA 430-1-0  
Contact: Nathan Laing Sampled By: OSPA Engineering Services  
Phone/Fax: 518-709-9959 Date / Time Collected: June 30, 2023

**ALL NEGATIVE PLM NOB's ARE TO IMMEDIATELY GO TO TEM AT 24HR TAT**  
Turnaround Time: 24HR 48HR 5 Day Standard Other: \_\_\_\_\_

Log No.	Sample No.	Sample Location	Sample Material	Analysis	Results
001	YPL-1	Compression Expansion Tank Pipes	Yellow Paint	LEAD	
002	BPL-1	Exterior Pipe and Stringers	Brown Paint	LEAD	
003	GRPL-1	Chiller Exterior Unit Components	Grey Paint	LEAD	

Disposition of Samples: Accept \_\_\_\_\_ Reject \_\_\_\_\_ Comments:

Relinquished By:	Received By:	Date:	Time:
		7/13/23	3:12 p





**Experience is the solution**

314 North Pearl Street ♦ Albany, New York 12207  
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

July 24, 2023

Nathan Laing  
OSPA Engineering  
800 Route 146 Bldg #200  
Suite 280  
Clifton Park, NY 12065  
TEL: 518-636-9956

Work Order No: 230713063

Project# : OSPA 430-1-0

RE:  
Orangeburg Cook Chill Center

Adirondack Environmental Services, Inc received 3 samples on 7/13/2023 for the analyses presented in the following report.

Please see case narrative for specifics on analysis.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

ELAP#: 10709

Tara Daniels  
Laboratory Director

## Adirondack Environmental Services, Inc

## CASE NARRATIVE

OSPA Engineering

Date: 24-Jul-23

Orangeburg Cook Chill Center

Lab WorkOrder: 230713063

Sample containers were not supplied by Adirondack Environmental Services.

### Definitions - RL: Reporting Limit DF: Dilution factor

<b>Qualifiers:</b>	ND : Not Detected at reporting limit	C: CCV below acceptable Limits
	J: Analyte detected below quantitation limit	C+: CCV above acceptable Limits
	B: Analyte detected in Blank	S: LCS Spike recovery is below acceptable limits
	X : Exceeds maximum contamination limit	S+: LCS Spike recovery is above acceptable limits
	H: Hold time exceeded	Z: Duplication outside acceptable limits
	N: Matrix Spike below acceptable limits	T : Tentatively Identified Compound-Estimated
	N+: Matrix Spike is above acceptable limits	E :Above quantitation range-Estimated

**Note : All Results are reported as wet weight unless noted**

**The results relate only to the items tested. Information supplied by the client is assumed to be correct.**

**Adirondack Environmental Services, Inc**

Date: 24-Jul-23

CLIENT: OSPA Engineering

Client Sample ID: GC-1

Work Order: 230713063

Collection Date: 6/30/2023

Reference: / Orangeburg Cook Chill Center

Lab Sample ID: 230713063-001

PO#:

Matrix: SOLID

Project# : OSPA 430-1-0

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>POLYCHLORINATED BIPHENYLS - EPA 8082A</b>						Analyst: KF
( Prep: SW 3580A - 7/14/2023 )						
PCB, Total	ND	1.0		µg/g	1	7/14/2023 12:08:43 PM
Surr: Decachlorobiphenyl	90.0	51.3-143		%REC	1	7/14/2023 12:08:43 PM

**Adirondack Environmental Services, Inc**

Date: 24-Jul-23

CLIENT: OSPA Engineering  
Work Order: 230713063  
Reference: / Orangeburg Cook Chill Center  
PO#:

Client Sample ID: WC-1  
Collection Date: 6/30/2023  
Lab Sample ID: 230713063-002  
Matrix: SOLID

Project# : OSPA 430-1-0

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>POLYCHLORINATED BIPHENYLS - EPA 8082A</b>						Analyst: KF
( Prep: SW 3580A - 7/14/2023 )						
PCB, Total	ND	10		µg/g	10	7/19/2023 6:17:33 PM
Surr: Decachlorobiphenyl	120	51.3-143		%REC	10	7/19/2023 6:17:33 PM

**Adirondack Environmental Services, Inc**

Date: 24-Jul-23

CLIENT: OSPA Engineering

Client Sample ID: JF-1

Work Order: 230713063

Collection Date: 6/30/2023

Reference: / Orangeburg Cook Chill Center

Lab Sample ID: 230713063-003

PO#:

Matrix: SOLID

Project# : OSPA 430-1-0

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>POLYCHLORINATED BIPHENYLS - EPA 8082A</b>						Analyst: KF
( Prep: SW 3580A - 7/14/2023 )						
PCB, Total	ND	10		µg/g	10	7/19/2023 6:31:37 PM
Surr: Decachlorobiphenyl	130	51.3-143		%REC	10	7/19/2023 6:31:37 PM

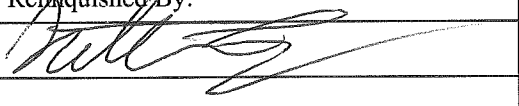
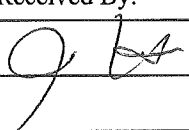
## CHAIN OF CUSTODY – PCB's

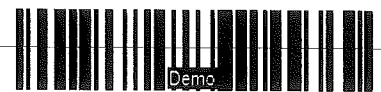
Client: OSPA Engineering Project: Orangeburg Cook Chill Center  
800 Route 146 Bldg. 200 Suite 280 Email: nlaing@ospaengineering.com  
Clifton Park, NY 12065 Project Number: OSPA 430-1-0  
Contact: Nathan Laing Sampled By: OSPA Engineering  
Phone/Fax: 518-709-9959 Date / Time Collected: 6/30/2023

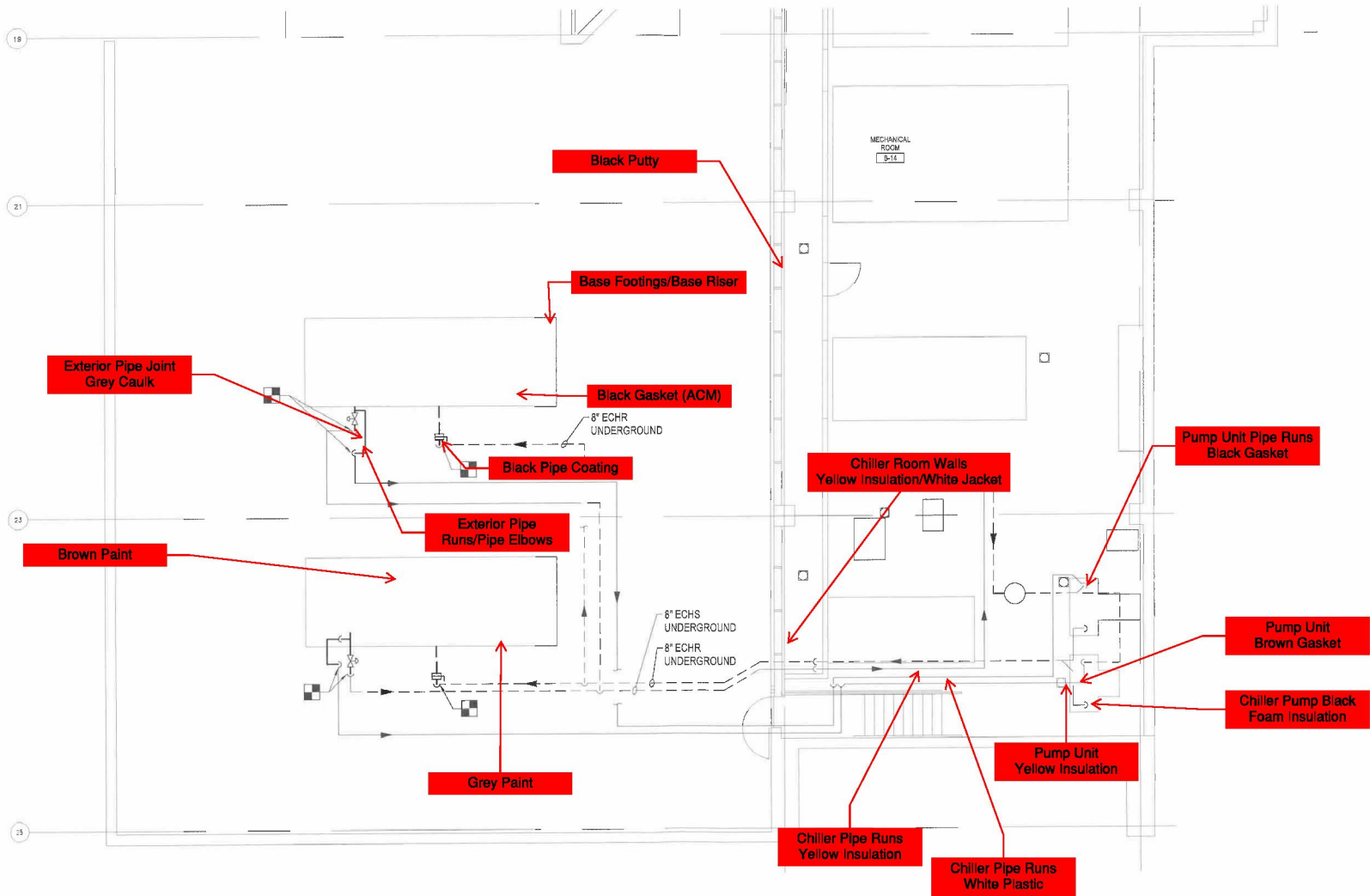
Turnaround Time: 24HR 48HR 5 Day **Standard** Other: \_\_\_\_\_

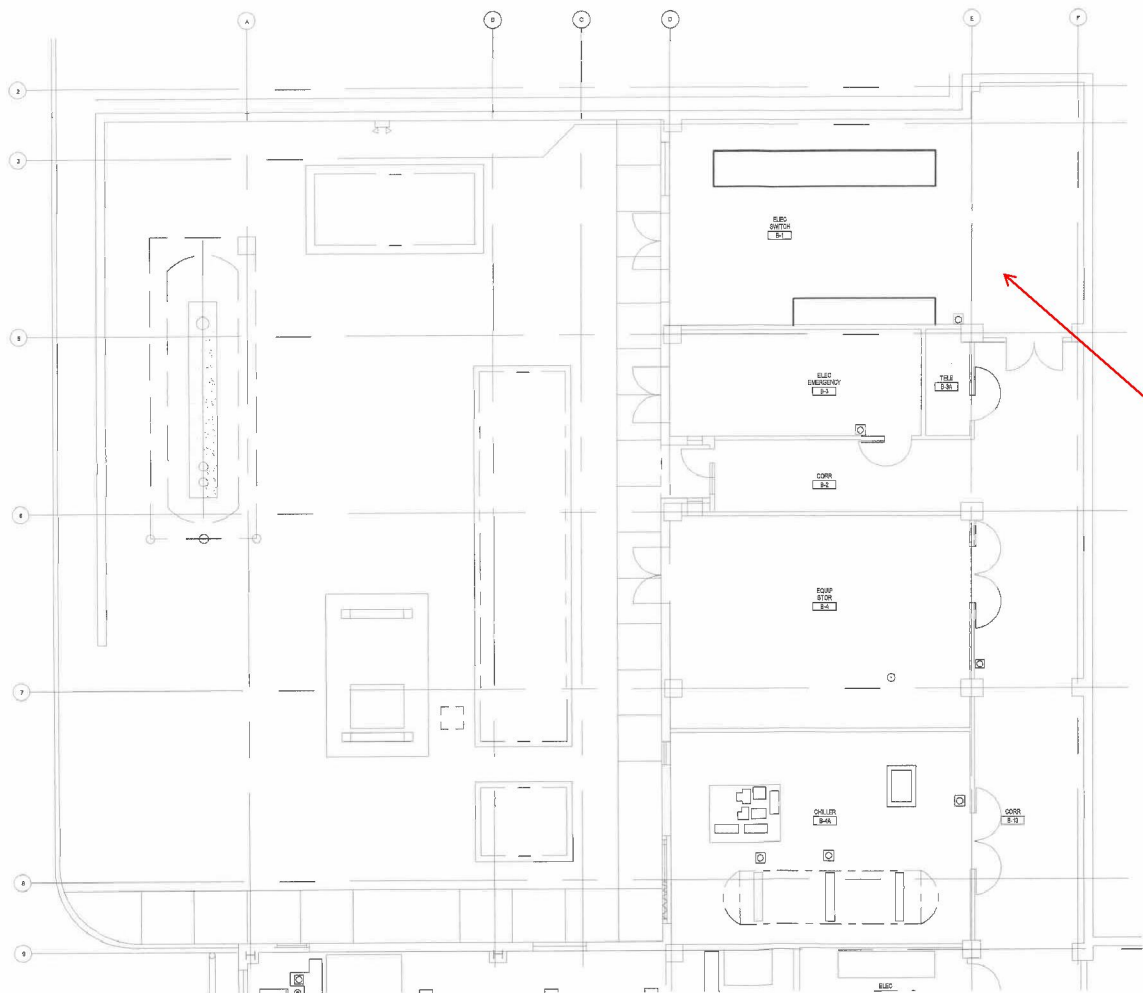
Log No.	Sample No.	Sample Location	Sample Material	Analysis	Results
001	GC-1	Exterior Unit Pipe Joints	Grey Caulk	PCB's	
002	WC-1	Chiller Pump Pipe Run End Sections	White Caulk	PCB's	
003	JF-1	Exterior Chiller Pipe Joint Face	Grey Caulk	PCB's	

Disposition of Samples: Accept \_\_\_\_\_ Reject \_\_\_\_\_ Comments:

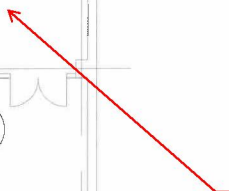
Relinquished By:	Received By:	Date:	Time:
		7/13/23	3:12 p

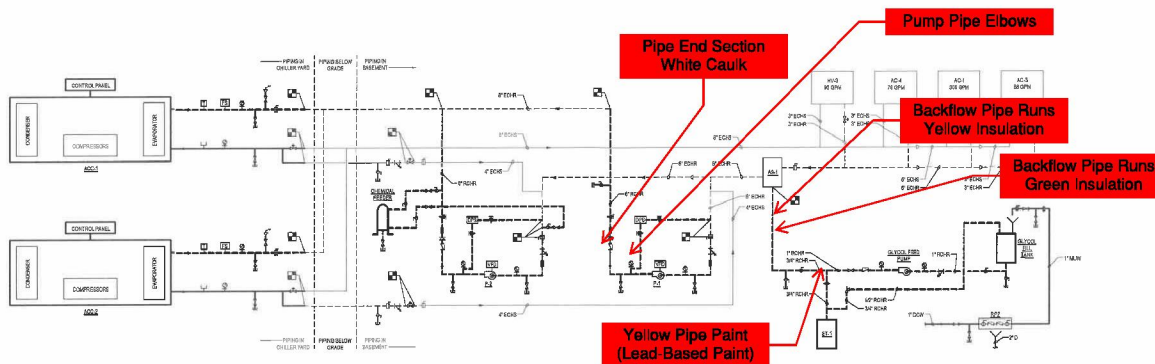


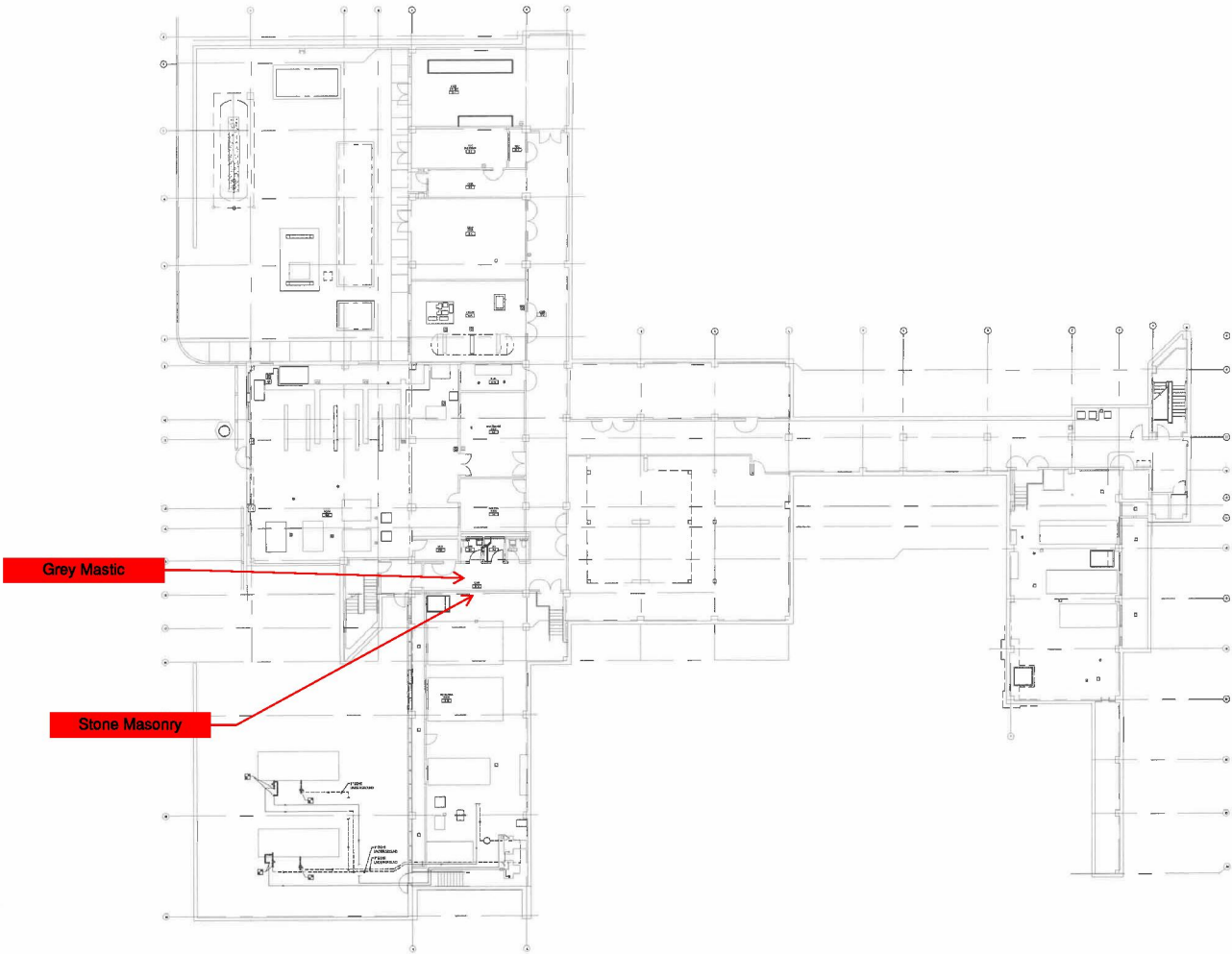




White Spray Foam  
Fireproofing







Grey Mastic

Stone Masonry

### **Total Existing Material Quantities**

<b>Material</b>	<b>Location</b>	<b>Estimated Quantity</b>
Yellow Pipe Paint	Backflow Pipes	68 LF
Black Compressor Gasket	Exterior Chillers	4 SF

# **Appendix C**

## **Asbestos License**

N.Y.S.



CERT# 18-63114  
DMV# 179352767

MUST BE CARRIED ON ASBESTOS PROJECTS

1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808



EYES BRO  
HAIR BRO  
HGT 5' 09"



IF FOUND RETURN TO:  
NYSOL - L&C UNIT  
ROOM 161A BUILDING 12  
STATE OFFICE CAMPUS  
ALBANY NY 12240





**Office of  
General Services**

**Office of Minority and Women-Owned  
Business Enterprises**

**Design and Construction**

AN ISO 9001:2015 CERTIFIED ORGANIZATION

Office of Minority and Women-Owned Business Enterprises, 29<sup>th</sup> Floor, Coming Tower  
The Governor Nelson A. Rockefeller Empire State Plaza  
Albany, New York 12242

Phone: (518) 486-9284 FAX: (518) 486-9285

## CONTRACTOR'S LIST OF SUBCONTRACTORS/SUPPLIERS

Contract No. \_\_\_\_\_

Contractor's Name, Address and Federal ID No.:		Project Description/Location:		Date Submitted:		Bid Date:		MWBE Goals		SDVOB Goal
								MBE	WBE	
Federal ID No.:		<input type="checkbox"/> Construction Contracts Exceeding \$100,000 <input type="checkbox"/> Commodity or Service Contracts Exceeding \$25,000		Submittal No.:		Contract Amount:				
Date Proposal Approved:		Date Printed:		OGS Project Number:		Work/Job Order:		Work Order Value:		
Subcontractor/Supplier Name, Address, Phone No. and Federal ID No. <i>(Do not list information previously submitted.)</i>		Sub/Supplier <i>(Check One)</i>		MBE	WBE	SDVOB	General Description of Work	Subcontractor/ Supplier Dollar Value	OGS Use Only	
		Sub	Supplier							
Federal ID No.:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Federal ID No.:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Federal ID No.:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Federal ID No.:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Pursuant to Executive Law Article 15-A and Article 17-B, my firm proposes to use the certified firms listed above.  _____ Contractor's Signature  _____ Title  _____ Date		<b>OGS Use Only</b>  MBE % _____ WBE % _____ SDVOB % _____  <input type="checkbox"/> Accepted <input type="checkbox"/> Accepted as Noted <input type="checkbox"/> Not Accepted  Reason: _____ _____ _____ OGS Authorized Signature _____ Date _____								

## **APPENDIX**

### **COMMISSIONING PROCESS**

#### **PART 1 - GENERAL**

##### **1.01 DESCRIPTION**

- A. This Document describes the overall commissioning process and is provided for information only. Commissioning requires the participation of all members of a Commissioning Team as described in this Document. The goal of Commissioning is to ensure that all systems are operating in a manner consistent with the Contract Documents. Each contractor designated as responsible for a commissioned system shall be familiar with all parts of this Document and the responsibilities that are required of each contractor as relates to all other Commissioning Team members. Each contractor shall be responsible for following a Commissioning Plan to be issued by the Commissioning Agent and shall execute all Commissioning responsibilities assigned to them in this and all other related Contract Documents.

##### **1.02 COMMISSION TEAM AND COMMISSIONING TERM DESCRIPTIONS**

- A. Architect / Engineer (A/E): The prime consultant (architect) and sub-consultants who comprise the design team, generally the HVAC mechanical designer/engineer and the electrical designer/engineer.
- B. Commissioning authority (CA): An independent agent. The CA directs and coordinates the commissioning activities. The CA does not take an oversight role. The CA is part of the Director's team.
- C. Commissioning Plan (Cx Plan): An overall plan that provides the structure, schedule and coordination planning for the commissioning process.
- D. Commissioning Team (Cx Team): The members of the commissioning team consist of the Commissioning Authority, the Director's Representative, the Commissioning Team Contractors, Subcontractor's, equipment Vendors and the Architect and design Engineers. The owner and the building or plant operator/engineer also may be members of the commissioning team.
- E. Commissioning Team Contractor: (Cx Team Contractor) Contractors responsible for providing the systems specified for Commissioning in Section 019113 – General Commissioning Requirements, of their respective contracts. The Cx Team Contractors are totally responsible for their various Subcontractors and Vendors. Note that each system may have multiple Cx Team Contractors; i.e. - HVAC contractor installs a variable speed drive, and Electrical contractor provides power wiring to the drive.
- F. Director's Representative (DR): The OGS Project Manager or Engineer in Charge of the Construction project, hired and acting on behalf of the Owner.

- G. HVAC Contractor (HC): Cx Contractor responsible for all Commissioning activities associated with the HVAC contract, and all those of HVAC subcontractors and HVAC equipment vendors for Commissioned equipment supplied under the HVAC contract.
  - 1. Typical HVAC Subcontractors.
    - a. Testing and Air Balancing Contractor (TAB).
    - b. Controls Contractor (CC).
- H. Electrical Contractor (EC): Cx Contractor responsible for all Commissioning activities associated with the Electrical contract, and all those of Electrical subcontractors and Electrical equipment vendors for Commissioned equipment supplied under the Electrical contract.
- I. Owner: Client or facility representatives.
- J. Subcontractors (Subs): The subcontractors to the Cx Contractors who provide and install building components and systems.
- K. Vendor: Supplier of equipment.
- L. Functional Performance Test (FT): Test of the dynamic function and operation of equipment and systems using manual (direct observation) or monitoring methods. Functional testing is the dynamic testing of systems (rather than just components) under full operation. Systems are tested under various modes, such as during low cooling or heating loads, high loads, component failures, unoccupied, varying outside air temperatures, fire alarm, power failure, etc. The CA develops the functional test procedures in sequential written form. The CA coordinates, oversees and documents the actual testing. The Contractor performs the functional tests. FTs are performed after prefunctional checklists and startup are complete.
- M. Prefunctional Checklist (PC): A list of items to inspect and component tests to conduct to verify proper installation of equipment.
- N. Deferred Testing: Functional test procedures approved by the CA and DR to be performed after Functional Completion and post Substantial Completion of the project. Deferred testing may be required due to occupancy requirements, seasonal requirements for testing or deficiencies approved for correction at a later date by the DR.
- O. Functional Completion: Final written approval by the DR that all Commissioning work is complete.

### **1.03 SUMMARY**

- A Commissioning: Commissioning is a systematic process of ensuring that (selected) building systems perform interactively according to the design intent and the Owner's operational needs. Commissioning during the construction phase is intended to achieve the following specific objectives according to the Contract Documents:
  - 1. Verify that applicable equipment and systems are installed according to the manufacturer's recommendations and to industry accepted minimum standards and that they receive adequate operational checkout by installing contractors.
  - 2. Verify and document proper performance of (selected) equipment and systems.
  - 3. Verify that O&M documentation left on site is complete.

4. Verify that the Owner's operating personnel are adequately trained.
- B. The commissioning process does not take away from or reduce the responsibility of the installing contractors to provide a finished and fully functioning product.

#### 1.04 COMMISSIONING PROCESS

- A. Management:
1. The CA is hired by, and works for, the Director's Representative and/or Owner. The CA directs and coordinates the commissioning activities. All Commissioning Team members work together to fulfill their contracted responsibilities and to meet the objectives of the Contract Documents.
  2. It is noted that the services for the A/E and Commissioning Authority are not provided for in this contract. That is, the Cx Team contractors are not responsible for providing the CA's or A/E's services. Their responsibilities and tasks are listed in this Document to clarify the commissioning process.
- B. Commissioning Process: The following narrative provides a brief overview of the typical commissioning tasks during construction and the general order in which they occur.
1. Commissioning begins prior to construction with a scoping meeting planned, scheduled and conducted by the CA where the commissioning process is reviewed with the commissioning team members. The CA will provide the initial schedule of primary commissioning events at the commissioning scoping meeting. Meeting minutes will be distributed to all parties by the CA.
  2. The CA will develop a commissioning plan to provide guidance in the execution of the commissioning process. A draft copy of the plan will be presented at the scoping meeting for discussion.
  3. The CA will work with the Cx Team contractors according to established protocols to list and schedule the commissioning activities, using his initial listing of events from the draft Cx Plan as a basis. The HC will integrate all commissioning activities into the Construction Progress or Master Schedule.
  4. Additional meetings will be required throughout construction, scheduled by the CA with necessary Commissioning Team members attending, to plan, scope, coordinate, schedule future activities and resolve deficiencies. These meetings will be held monthly or bi-weekly during initial construction and can increase in frequency to as often as one per week in the final months or critical periods of each phase of construction.
  5. After the initial commissioning scoping meeting the CA will update the plan which is then considered the "final" plan, though it may be revised as the project progresses. The Contract Specifications will take precedence over the Commissioning Plan.
  6. Equipment documentation, including O&M manuals are submitted to the CA during the submittal process, including detailed start-up procedures. The CA reviews the O&M documentation for completeness.
  7. The CA works with the Cx Team contractors and their subcontractors to develop startup plans and startup documentation formats for commissioned equipment and systems. This includes providing prefunctional checklists to be completed, during the startup process.
  8. The CA develops specific equipment and system functional performance test procedures. The Cx Team contractors and Subs review the procedures and submit suggestions or comments. Procedures are finalized by the CA.

9. The Cx Team contractors and their subcontractors, under their own direction, execute and document the prefunctional checklists and perform startup and initial checkout for all commissioned systems. The CA documents that the checklists and startup were completed according to the approved plans and will spot check selected equipment prior to performing functional testing.
10. The procedures for Functional Testing are executed by the Cx Team contractors and subcontractors, under the direction of, and documented by the CA.
11. In general, the checkout and performance verification proceeds from simple to complex; from component level to equipment to systems and intersystem levels with prefunctional checklists being completed before functional testing.
12. Items of non-compliance in material, installation or setup are corrected at the Cx Team contractors' expense and the system is retested.
13. Commissioning (Functional Completion) is completed before Project Substantial Completion.
14. The CA reviews, pre-approves and coordinates the training provided by the Cx Team contractors and their subcontractors and verifies that it is completed.
15. Deferred testing is conducted, as specified or required.

## **1.05 COMMISSIONING RESPONSIBILITIES**

- A. All Commissioning Team Members:
  1. Follow the Commissioning Plan.
  2. Attend commissioning scoping meeting and additional meetings, as necessary.
- B. Architect/Engineer (A/E):
  1. Pre-Construction and Construction Phase:
    - a. Attend the commissioning scoping meeting and selected commissioning team meetings as needed.
    - b. Provide Design Intent and Basis of Design documents.
    - c. Provide any design narrative documentation requested by the CA.
    - d. Perform normal submittal review, construction observation as contracted.
    - e. Any on-site observations required by contract should be completed just prior to system startup.
    - f. Coordinate resolution of system deficiencies identified during commissioning, according to the contract documents.
    - g. Prepare and submit final as-built design intent documentation for inclusion in the O&M manuals.
- C. Commissioning Authority (CA):
  1. The CA is not responsible for design concept, design criteria, compliance with codes, design or construction scheduling, cost estimating, or construction management. The CA may assist with problem-solving, non-conformance or deficiencies, but ultimately that responsibility resides with the Director's Representative, the Cx Team contractors and the A/E. The primary role of the CA is to develop and coordinate the execution of a testing plan and to observe and document that systems are functioning in accordance with the documented design intent, in accordance with the Contract Documents. The Contractors will provide all tools or the use of tools to start, check-out and functionally test equipment and systems, except for specified testing with portable data-loggers, which shall be supplied and installed by the CA.

2. Pre-Construction and Construction Phase
  - a. Coordinates and directs the commissioning activities in a logical, sequential and efficient manner using consistent protocols and forms, centralized documentation, clear and regular communications and consultations with all necessary parties, frequently updated timelines, schedules and technical expertise.
  - b. Coordinate the commissioning work and, with the DR and Cx Team contractors, ensure that all commissioning activities are scheduled into the Construction Progress Schedule.
  - c. Plan and conduct a commissioning scoping meeting and other commissioning meetings.
  - d. Revise, as necessary, the Commissioning Plan.
  - e. Request and review information (including O&M materials) required to perform commissioning tasks and develop system start-up and checkout procedures.
  - f. Review and approve normal Contractor submittals applicable to systems being commissioned for compliance with commissioning needs, concurrent with the A/E reviews.
  - g. Develop an enhanced start-up and initial systems checkout plan with Cx Team contractors.
  - h. Write and distribute prefunctional tests and checklists.
  - i. With necessary assistance and review from installing contractors, write the functional performance test procedures for equipment and systems. This may include energy management control system trending, stand-alone data logger monitoring or manual functional testing. Submit to Cx Team contractors for review.
  - j. Perform site visits, as necessary, to observe component and system installations. Attend selected planning and job-site meetings to obtain information on construction progress. Review construction meeting minutes for revisions/substitutions relating to the commissioning process. Assist in resolving any discrepancies.
  - k. Witness all or part of any test, flushing or start-up procedures, sufficient to be confident that proper procedures were followed. Document this testing and include the documentation in O&M manuals. Notify Director's Representative of any deficiencies in results or procedures.
  - l. Approve prefunctional tests and checklist completion by reviewing prefunctional checklist reports and by selected site observation and spot checking.
  - m. Approve system startup by reviewing start-up reports and by selected site observations.
  - n. Review TAB execution plan.
  - o. Oversee and approve functional testing of Commissioned systems.
  - p. Coordinate, witness, and approve manual functional performance tests performed by installing contractors. Coordinate retesting as necessary until satisfactory performance is achieved.
  - q. Analyze any functional performance trend logs and monitoring data to verify system performance.
  - r. Approve air and water systems balancing by spot testing, by reviewing completed reports or by selected site observation.

- s. Maintain a master deficiency and resolution log and a separate testing record. Provide the Director's Representative with written progress reports and test results with recommended actions.
  - t. Review and approve the preparation of the O&M manuals.
  - u. Review equipment warranties to ensure that the Director's responsibilities are clearly defined.
  - v. Oversee and approve the training of the Owners operating personnel.
  - w. Compile and maintain a commissioning record and building systems book(s).
  - x. Provide a final commissioning report (as described in this Document).
3. Warranty Period:
- a. Coordinate and supervise required seasonal or deferred testing.
  - b. Return to the site at 10 months into the 12 month warranty period and review with facility staff the current building operation and the condition of outstanding issues related to the original and seasonal commissioning. Also interview facility staff and identify problems or concerns they have operating the building as originally intended. Make suggestions for improvements and for recording these changes in the O&M manuals. Identify areas that may come under warranty or under the original construction contract. Assist facility staff in developing reports, documents and requests for services to remedy outstanding problems.

D. Director's Representative:

- 1. Pre-Construction and Construction Phase:
  - a. Manage the contract of the A/E and of the Cx Team contractors.
  - b. Attend a commissioning scoping meeting and other commissioning team meetings.
  - c. Arrange for facility operating and maintenance personnel to attend various field commissioning activities and field training sessions according to the Commissioning Plan.
  - d. Facilitate the coordination of the commissioning work by the CA and Cx Team contractors; ensure that commissioning activities are being scheduled into the Construction Progress schedule.
  - e. Review and approve the final Commissioning Plan.
  - f. Furnish a copy of all construction documents, addenda, change orders and approved submittals and shop drawings related to commissioned equipment to the CA.
  - g. Observe and witness prefunctional checklists, startup and functional testing of selected equipment.
  - h. Review commissioning progress and deficiency reports.
  - i. Coordinate the resolution of non-compliance and design deficiencies identified in all phases of commissioning.
  - j. Assist in coordinating the training of Owner's personnel.
  - k. Provide final approval for the completion of the commissioning work.
- 2. Warranty Period:
  - a. Assist the CA as necessary in the seasonal or deferred testing.

- E. Commissioning Team Contractors (Includes Subcontractors and Vendors):
1. Pre-Construction and Construction Phase
    - a. Designate in writing a company representative to act as “coordinator” for all commissioning activities. (Coordinator can be project supervisor or manager).
    - b. Facilitate the coordination of the commissioning work by the CA, and with the CA ensure that commissioning activities are being scheduled into the Construction Progress Schedule.
    - c. Include the cost of commissioning responsibilities in the total contract price. Provide requested documentation, prior to or during the submittal period (prior to normal O&M manual submittals), to the CA for development of start-up and functional testing procedures.
      - 1) Typically this will include detailed manufacturer installation and start-up, operating, troubleshooting and maintenance procedures, fan and pump curves, full factory testing reports, if any, and full warranty information, including all responsibilities of the Owner to keep the warranty in force clearly identified. In addition, installation, start-up and checkout materials that are shipped inside the equipment and field checkout sheet forms to be used by the factory or field technicians shall be submitted to the Commissioning Agent.
      - 2) The Commissioning Agent may request further documentation necessary for the commissioning process.
    - d. In each purchase order or subcontract written, include appropriate requirements for submittal data, O&M data, commissioning tasks and training.
    - e. Ensure that all subcontractors execute their commissioning responsibilities according to the Contract Documents and schedule.
    - f. Provide a copy of the O&M manuals and submittals of commissioned equipment, through the DR, to the CA for review and approval.
    - g. Provide assistance to the CA in preparing the specific functional performance test procedures. The Cx Team contractors shall review test procedures to ensure feasibility, safety and equipment protection and provide necessary written alarm limits to be used during the tests. Assist in clarifying the operation and control of commissioned equipment in areas where the specifications, control drawings or equipment documentation is not sufficient for writing detailed testing procedures.
    - h. Develop a full start-up and testing plan using manufacturer’s start-up procedures and the prefunctional checklists from the CA for all commissioned equipment. Submit to CA for review and approval prior to startup.
    - i. During the startup and initial checkout process, execute all portions of the prefunctional checklists for all commissioned equipment.
    - j. Perform and clearly document all completed startup and system operational checkout procedures, providing a copy to the CA.
    - k. Address current punch list items before functional testing. Air and water TAB shall be completed with deficiencies and problems remedied before functional testing of the respective air- or water-related systems.
    - l. Provide skilled technicians to execute starting of equipment and to execute the functional performance tests under the direction of the CA. Ensure that they are available and present during the agreed upon

- schedules and for sufficient duration to complete the necessary tests, adjustments and problem-solving. Assist the CA in interpreting the monitoring data, as necessary.
- m. Correct deficiencies (differences between specified and observed performance) as interpreted by the CA, Director's Representative and A/E and retest the equipment.
- n. Prepare O&M manuals according to the Contract Documents, including clarifying and updating the original sequences of operation to as-built conditions.
- o. Coordinate with equipment manufacturers to determine specific requirements to maintain the validity of all warranties.
- p. During construction, maintain as-built red-line drawings for all drawings and provide final CAD as-builts for contractor-generated coordination drawings. Update after completion of commissioning (excluding deferred testing).
- q. Provide training of the Owners operating staff using expert qualified personnel, as specified.
- 2. Warranty Period
  - a. Execute seasonal or deferred functional performance testing, witnessed by the CA, according to the specifications.
  - b. Ensure that Cx Team contractors correct deficiencies and make necessary adjustments to O&M manuals and as-built drawings for applicable issues identified in any seasonal testing.

F. Vendors:

- 1. Provide all requested submittal data, including detailed start-up procedures and specific responsibilities for the Owner to keep warranties in force.
- 2. Provide information requested by CA regarding equipment sequence of operation and testing procedures.
- 3. Through the contractors they supply products to, analyze specified products and verify that the designer has specified the newest most updated equipment reasonable for this project's scope and budget.
- 4. Review test procedures for equipment installed by factory representatives.
- 5. Assist in equipment testing per agreements with the Cx Team contractors and subcontractors.
- 6. Include all special tools and instruments (only available from vendor and specific to a piece of equipment) required for testing equipment according to these Contract Documents, except for stand-alone data logging equipment that may be used by the CA.

## 1.06 PREREQUISITES TO FUNCTIONAL COMPLETION

- A. All Commissioning must be complete prior to Functional Completion, unless approved in writing by the Director's Representative. Exceptions to this are planned system training performed after occupancy and any required seasonal or approved deferred testing. This includes for all systems, but is not limited to:
  - 1. Completed and signed start-up and prefunctional checklist documentation.
  - 2. Requested trend log data
  - 3. Submission of final approved TAB report.
  - 4. Completion of all required controls work.
  - 5. Completion of all functional testing.

6. Required training of O&M personnel completed and approved.
  7. Submission of the approved O&M manuals.
  8. All identified deficiencies have been corrected or are approved as exceptions to this milestone by the Director's Representative.
- B. The Director's Representative will determine the date of Functional Completion after reviewing the Commissioning Agent's recommendation for Functional Completion.

## **PART 2 - PRODUCTS (Not Used)**

## **PART 3 - EXECUTION**

### **3.01 REPORTING**

- A. The CA will provide regular reports to the DR with increasing frequency as construction and commissioning progresses. Standard forms will be provided and/or referenced in the Commissioning Plan.
- B. The CA will regularly communicate with all members of the commissioning team, keeping them apprised of commissioning progress and scheduling changes through memos, progress reports, etc.
- C. Testing or review approvals and non-conformance and deficiency reports are made regularly.
- D. A final summary report by the CA will be provided to the DR, focusing on evaluating commissioning process issues and identifying areas where the process could be improved. All acquired documentation, logs, minutes, reports, deficiency lists, communications, findings, unresolved issues, etc., will be compiled in appendices and provided with the summary report. Prefunctional checklists, functional tests and monitoring reports will not be part of the final report, but will be stored in the Commissioning Record in the O&M manuals.

### **3.02 SUBMITTALS**

- A. The CA will provide appropriate contractors with a specific request for the type of submittal documentation the CA requires to facilitate the commissioning work. These requests will be integrated into the normal submittal process and protocol of the construction team. At minimum, the request will include the manufacturer and model number, the manufacturer's printed installation and detailed start-up procedures, full sequences of operation, O&M data, performance data, any performance test procedures, control drawings, wiring diagrams and details of factory tests. In addition, the installation and checkout materials that are shipped inside the equipment and the field checkout sheet forms to be used by the factory or field technicians shall be submitted to the Commissioning authority. All documentation requested by the CA will be included by the Cx Team contractors in their O&M manual contributions.

- B. The CA may request additional design narrative from the A/E and the Cx Team Contractors, depending on the completeness of the design intent documentation and sequences provided with the Specifications.
- C. The Commissioning authority will review and approve submittals related to the commissioned equipment for conformance to the Contract Documents as it relates to the commissioning process, to the functional performance of the equipment and adequacy for developing test procedures. This review is intended primarily to aid in the development of functional testing procedures and only secondarily to verify compliance with equipment specifications. The Commissioning authority will notify the DR of items missing or areas that are not in conformance with Contract Documents which may affect the commissioning and which require resubmission.
- D. Submittals to the CA do not constitute compliance for O&M manual documentation. The compilation and submission of O&M manuals is the responsibility of the Contractor. The CA will review and approve individual O&M documents.

### **3.03 START-UP, PREFUNCTIONAL CHECKLISTS AND INITIAL CHECKOUT**

- A. The following procedures apply to all equipment to be commissioned.
- B. The project will require startup and initial checkout to be executed in phases. This phasing will be planned and scheduled in a coordination meeting of the CA, DR and the Cx Team contractors. Results will be added to the Construction Progress Schedule and Commissioning Plan.
- C. General. Prefunctional checklists are important to ensure that the equipment and systems are installed and operational. It ensures that functional performance testing (in-depth system checkout) may proceed without unnecessary delays. The prefunctional testing for a given system must be successfully completed prior to formal functional performance testing of equipment or subsystems of the given system.
- D. Start-up and Initial Checkout Plan. The CA shall assist the Commissioning Team contractors responsible for startup of any equipment in developing detailed start-up plans. The primary role of the CA in this process is to ensure that there is written documentation that each of the manufacturer-recommended procedures have been completed.
  - 1. The prefunctional checklists and procedures indicate required procedures to be executed as part of startup and initial checkout of the systems and the party responsible for their execution.
  - 2. The prefunctional checklists and tests are provided by the CA to the Contractor. The Contractor determines which trade is responsible for executing and documenting each of the line item tasks and notes that trade on the form. Each form will have more than one trade responsible for its execution.
  - 3. Any Cx Team contractor responsible for providing equipment and systems designated for Commissioning, develops the full start-up plan by combining (or adding to) the CA's prefunctional checklists with the manufacturer's detailed start-up and checkout procedures. The Cx Team contractor shall make use of the manufacturers O&M manual and the normally used field checkout sheets in developing the complete start-up plan. The plan will include checklists and procedures with specific boxes or lines for recording and documenting the checking and inspections of each procedure and a summary statement with a signature block at the end of the plan. The full start-up plan could consist of something as simple as:

- a. The CA's prefunctional checklists.
    - b. The manufacturer's standard written start-up procedures copied from the installation manuals with check boxes by each procedure and a signature block added by hand at the end.
    - c. The manufacturer's normally used field checkout sheets.
  - 4. The contractor submits the full startup plan to the CA for review and approval.
  - 5. The CA reviews and approves the procedures and the format for documenting them, noting any procedures that need to be added.
  - 6. The full start-up procedures and the approval form may be provided to the DR for review and approval, depending on management protocol.
- E. Execution of Prefunctional Checklists and Startup.
- 1. Prior to startup, the Cx Team contractors, subcontractors and vendors schedule startup and checkout with the DR and CA. The performance of the prefunctional checklists, startup and checkout are directed and executed by the Cx Team Contractor, subcontractor or Vendor responsible for the equipment.
  - 2. The CA shall observe, at minimum, the procedures for each piece of primary equipment, unless there are multiple units, (in which case a sampling strategy may be used as approved by the DR). In no case will the number of units witnessed be less than four nor less than 20% of the total number of identical or very similar units.
  - 3. For lower-level components of equipment, (e.g., VAV boxes, sensors, controllers), the CA shall observe a sampling of the prefunctional and start-up procedures. The sampling procedures are identified in the commissioning plan.
  - 4. The Cx Team contractors, subcontractors and vendors shall execute startup and provide the CA with a signed and dated copy of the completed start-up and prefunctional tests and checklists.
  - 5. Only individuals that have direct knowledge and witnessed that a line item task on the prefunctional checklist was performed shall initial or check that item off.
- F. Deficiencies, Non-Conformance and Approval in Checklists and Startup.
- 1. The contractors shall clearly list any outstanding items of the initial start-up and prefunctional procedures that were not completed successfully, at the bottom of the procedures form or on an attached sheet. The procedures form and any outstanding deficiencies are provided to the CA within two days of test completion.
  - 2. The CA reviews the report and submits either a non-compliance report or an approval form to the DR. The installing Cx Team contractors, subcontractors or vendors shall correct all areas that are deficient or incomplete in the checklists and tests in a timely manner, and shall notify the CA as soon as outstanding items have been corrected and resubmit an updated start-up report and a Statement of Correction on the original non-compliance report. When satisfactorily completed, the CA recommends approval of the execution of the checklists and startup of each system to the DR using a standard form.
  - 3. Items left incomplete, which later cause deficiencies or delays during functional testing may result in back-charges to the responsible party.
- G. Functional testing is intended to begin upon completion of a system. Functional testing may proceed prior to the completion of systems or sub-systems at the discretion of the CA and DR. Beginning system testing before full completion does not relieve the Contractor from fully completing the system, including all prefunctional checklists as soon as possible.

- H. The Cx Team contractors have start-up, prefunctional and functional testing responsibility and are required to complete systems and sub-systems so they are fully functional, meeting the design objectives of the Contract Documents. The commissioning procedures and functional testing do not relieve or lessen this responsibility or shift that responsibility partially to the Commissioning Agent or Director's Representative.

### **3.04 FUNCTIONAL PERFORMANCE TESTING**

- A. This article applies to all commissioning functional testing for all divisions.
- B. Objectives and Scope.
1. The objective of functional performance testing is to demonstrate that each system is operating according to the documented design intent and Contract Documents. Functional testing facilitates bringing the systems from a state of physical completion to full dynamic operation. Additionally, during the testing process, areas of deficient performance are identified and corrected, improving the operation and functioning of the systems. In general, each system should be operated through all modes of operation (seasonal, occupied, unoccupied, warm-up, cool-down, part- and full-load) where there is a specified system response. Verifying each sequence in the sequences of operation is required. Proper responses to such modes and conditions as power failure, freeze condition, low oil pressure, no flow, equipment failure, etc. shall also be tested.
- C. Test Methods.
1. Functional performance testing and verification may be achieved by manual testing (persons manipulate the equipment and observe performance). When a control system is part of the project, functional performance testing may use the controls to monitor the performance and analyze the results using the control system's trend log capabilities or by stand-alone data loggers. The CA may substitute specified methods or require an additional method to be executed, other than what was specified, with the approval of the DR. The CA will determine which method is most appropriate for tests that do not have a method specified.
  2. Setup. Each function and test shall be performed under conditions that simulate actual conditions as close as is practically possible. The Contractor executing the test shall provide all necessary materials, system modifications, etc. to produce the necessary flows, pressures, temperatures, etc. necessary to execute the test according to the specified conditions. At completion of the test, the Contractor shall return all affected building equipment and systems, due to these temporary modifications, to their pre-test condition.
  3. Simulated Conditions. Simulating conditions (not by an overwritten value) shall be allowed, though timing the testing to experience actual conditions is encouraged wherever practical.
  4. Overwritten Values. Overwriting sensor values to simulate a condition, such as overwriting the outside air temperature reading in a control system to be something other than it really is, shall be allowed, but shall be used with caution and avoided when possible. Such testing methods often can only test a part of a system, as the interactions and responses of other systems will be erroneous or not applicable. Simulating a condition is preferable (i.e., for the above case, the outside air sensor could be heated with a hair blower rather than overwriting the

value, or by altering the appropriate setpoint to see the desired response). Before simulating conditions or overwriting values, sensors, transducers and devices shall have been calibrated.

5. Simulated Signals. Using a signal generator which creates a simulated signal to test and calibrate transducers and DDC constants is generally recommended over using the sensor to act as the signal generator via simulated conditions or overwritten values.
6. Altering Setpoints. Rather than overwriting sensor values, and when simulating conditions is difficult, altering setpoints to test a sequence is acceptable. For example, to see the AC compressor lockout work at an outside air temperature below 55F, when the outside air temperature is above 55F, temporarily change the lockout setpoint to be 2F above the current outside air temperature.
7. Indirect Indicators. Relying on indirect indicators for responses or performance shall be allowed only after visually and directly verifying and documenting, over the range of the tested parameters, that the indirect readings through the control system represent actual conditions and responses. Much of this verification is completed during prefunctional testing.

- D. Problem Solving. The CA will recommend solutions to testing problems; however the burden of responsibility to solve, correct and retest problems is with the Cx Team contractors, subcontractors and A/E.

### **3.05 DOCUMENTATION, NON-CONFORMANCE AND APPROVAL OF TESTS**

A. Documentation.

1. The CA shall witness and document the results of all functional performance tests using the specific procedural forms developed for that purpose. Prior to testing, these forms are provided to the DR for review and approval and to the Cx Team contractors for review. The CA will include the filled out forms in the Final Commissioning Report.

B. Non-Conformance.

1. The CA will record the results of the functional test on the procedure or test form. All deficiencies or non-conformance issues shall be noted and reported to the DR.
2. Corrections of minor deficiencies identified may be made during the tests at the discretion of the CA. In such cases the deficiency and resolution will be documented on the procedure form.
3. Every effort will be made to expedite the testing process and minimize unnecessary delays, while not compromising the integrity of the procedures.
4. As tests progress and a deficiency is identified, the CA discusses the issue with the executing contractor.
  - a. When there is no dispute on the deficiency and the Contractor accepts responsibility to correct it:
    - 1) The CA documents the deficiency and the Contractor's response and intentions and they go on to another test or sequence. The CA submits the non-compliance reports to the DR for signature, if required. A copy is provided to the Cx Team contractors and CA. The Cx Team contractors correct the deficiency, sign the statement of correction at the bottom of the non-compliance form certifying that the equipment is ready to be retested and send it back to the CA.

- 2) The CA reschedules the test and the test is repeated.
- b. If there is a dispute about a deficiency, regarding whether it is a deficiency or who is responsible:
  - 1) The deficiency shall be documented on the non-compliance form with the Cx Team contractor's response and a copy given to the DR and to the Cx Team contractor.
  - 2) Resolutions are made at the lowest management level possible. Other parties are brought into the discussions as needed. Final interpretive authority is with the DR. Final acceptance authority is with the DR.
  - 3) Once the interpretation and resolution have been decided, the appropriate party corrects the deficiency, signs the statement of correction on the non-compliance form and provides it to the CA. The Contractor reschedules the test and the test is repeated until satisfactory performance is achieved.
5. Cost of Retesting.
  - a. The cost for the Cx Team contractor to retest a prefunctional or functional test, if they are responsible for the deficiency, shall be theirs. If they are not responsible, any cost recovery for retesting costs shall be negotiated with the DR.
  - b. For a deficiency identified, not related to any prefunctional checklist or start-up fault, the following shall apply: The CA will direct the retesting of the equipment once at no "charge" to the project for their time. However, the CA's time for a second retest will be charged to the Cx Team contractors.
  - c. The time for the CA to direct, attend or witness any retesting required because a specific prefunctional checklist or start-up test item, reported to have been successfully completed, but determined during functional testing to be faulty, will be back-charged to the Cx Team contractors.
6. The Contractor shall respond in writing to the CA and DR concerning the status of each apparent outstanding discrepancy identified during commissioning. Discussion shall cover explanations of any disagreements and proposals for their resolution.
7. The CA retains the original non-conformance forms until the end of the project.
8. Any required retesting by any contractor shall not be considered a justified reason for a claim of delay or for a time extension by the prime contractor.

C. Failure Due to Manufacturer Defect:

1. If 10 percent, or three units, whichever is greater, of identical pieces (size alone does not constitute a difference) of equipment fail to perform to the Contract Documents (mechanically or substantively) due to manufacturing defect, not allowing it to meet its submitted performance specification, all identical units may be considered unacceptable by the DR. In such case, the Contractor shall provide the Director's Representative with the following:
  - a. Within one week of notification from the DR, the Contractor or manufacturer's representative shall examine all other identical units making a record of the findings. Within two weeks of the original notice, a signed and dated, written explanation of the findings, problems, cause of failures, etc. and all proposed solutions shall be provided to the DR. The proposed solutions shall not significantly exceed the specification requirements of the original installation.

- b. The DR will determine whether a replacement of all identical units or a repair is acceptable.
- c. Two examples of the proposed solution will be installed by the Contractor and the installations will be tested for up to one week, upon which the DR and CA will decide whether to accept the solution.
- d. Upon acceptance, the Contractor and/or manufacturer shall replace or repair all identical items, at their expense and extend the warranty accordingly, if the original equipment warranty had begun. The replacement/repair work shall proceed with reasonable speed beginning within one week from when parts can be obtained.

**D. Approval:**

- 1. The CA notes each satisfactorily demonstrated function on the test form. Formal approval of the functional test is made later after review by the CA and by the DR, if necessary. The CA recommends acceptance of each test to the DR using a standard form. The DR gives final approval on each test using the same form, providing a signed copy to the CA and the Contractor.

### **3.06 OPERATION AND MAINTENANCE MANUALS**

**A. Standard O&M Manuals.**

- 1. Additional content and format requirements for the standard O&M manuals are detailed in Section 017716 and individual equipment sections.
- 2. The following O&M manual requirements do not replace O&M manual documentation requirements elsewhere in these specifications.

**B. Review and Approvals.**

- 1. CA Review and Approval. Prior to substantial completion, the CA shall review the O&M manuals, documentation and redline as-builts for systems that were commissioned, concurrently with the A/E. The CA will communicate concerns about the manuals to the DR. Upon a successful review of the corrections, the CA recommends approval and acceptance of these Sections, with respect to the commissioning, to the DR. The CA also reviews each equipment warranty and verifies that all requirements to keep the warranty valid are clearly stated. This work does not supersede the A/E's review of the O&M manuals according to the A/E's contract.

### **3.07 TRAINING OF OWNERS OPERATING AND MAINTENANCE PERSONNEL**

**A. The Cx Team contractors and CA shall be responsible for training coordination, scheduling and ultimately for ensuring that training is completed.**

**B. The CA shall be responsible for reviewing and approving the content and adequacy of the training of Owners personnel for commissioned equipment.**

- 1. Hands-on training shall include start-up, operation in all modes possible, including manual, shut-down and any emergency procedures and preventative maintenance for all pieces of equipment.
- 2. Training shall occur after functional testing is complete, unless approved otherwise by the DR.

3. Duration of Training: The Cx Team contractor shall provide training on each piece of equipment according to the durations in individual equipment specifications.

### **3.08 DEFERRED TESTING**

- A. Unforeseen Deferred Tests:
  1. If any check or test cannot be completed due to the building structure, required occupancy condition or other deficiency, execution of checklists and functional testing may be delayed upon approval of the DR. These tests will be conducted in the same manner as the seasonal tests as soon as possible. Services of necessary contractors, vendors etc., will be negotiated.
- B. Seasonal Testing:
  1. During the warranty period, seasonal testing (tests delayed until weather conditions are closer to the system's design) specified in Section 019113 shall be completed as part of this contract. The CA shall coordinate this activity. Tests will be executed, documented and deficiencies corrected by the appropriate contractors, with facilities staff and the CA witnessing. Any final adjustments to the O&M manuals and as-builds due to testing will be made.

### **3.09 WRITTEN WORK PRODUCTS**

- A. The commissioning process generates a number of written work products described in various Sections of the Specifications. The Commissioning Plan lists all the formal written work products, describes briefly their contents, who is responsible to create them, their due dates, who receives and approves them and the location of the specification to create them. In summary, the written products are:
  1. Product Developed By:
    - a. Final Commissioning Plan: CA.
    - b. Commissioning Meeting Minutes: CA.
    - c. Commissioning Schedules: CA with Cx Team contractors and DR.
    - d. Equipment Documentation Submittals: Cx Team contractors.
    - e. Sequence Clarifications: Cx Team contractors, and A/E as needed.
    - f. Prefunctional Checklists: CA.
    - g. Startup and Initial Checkout Plan: Cx Team contractors and CA (compilation of documents).
    - h. Startup and Initial Checkout Forms Filled Out: Cx Team contractors.
    - i. Final TAB Report: TAB.
    - j. Issues Log (deficiencies): CA.
    - k. Commissioning Progress Record: CA.
    - l. Deficiency Reports: CA.
    - m. Functional Test Forms: CA.
    - n. Filled Out Functional Tests: CA.
    - o. O&M Manuals: Cx Team contractors.
    - p. Commissioning Record Book: CA.
    - q. Overall Training Plan: CA and Cx Team contractors.
    - r. Specific Training Agendas: Cx Team contractors.
    - s. Final Commissioning Report: CA.
    - t. Miscellaneous Approvals: CA.

**END OF SECTION**



Kathy Hochul, Governor

Roberta Reardon, Commissioner

Design & construction

Angela Lewis, Administrative Assistant  
Contract Management 35th Fl.  
Corning Tower  
Empire State Plaza  
Albany NY 12242

Schedule Year 2023 through 2024  
Date Requested 12/26/2023  
PRC# 2023014800

Location Cook Chill Production Center  
Project ID# 47430  
Project Type Replace Building Chillers, Building 144

### PREVAILING WAGE SCHEDULE FOR ARTICLE 8 PUBLIC WORK PROJECT

Attached is the current schedule(s) of the prevailing wage rates and prevailing hourly supplements for the project referenced above. A unique Prevailing Wage Case Number (PRC#) has been assigned to the schedule(s) for your project.

The schedule is effective from July 2023 through June 2024. All updates, corrections, posted on the 1st business day of each month, and future copies of the annual determination are available on the Department's website [www.labor.ny.gov](http://www.labor.ny.gov). Updated PDF copies of your schedule can be accessed by entering your assigned PRC# at the proper location on the website.

It is the responsibility of the contracting agency or its agent to annex and make part, the attached schedule, to the specifications for this project, when it is advertised for bids and /or to forward said schedules to the successful bidder(s), immediately upon receipt, in order to insure the proper payment of wages.

Please refer to the "General Provisions of Laws Covering Workers on Public Work Contracts" provided with this schedule, for the specific details relating to other responsibilities of the Department of Jurisdiction.

Upon completion or cancellation of this project, enter the required information and mail **OR** fax this form to the office shown at the bottom of this notice, **OR** fill out the electronic version via the NYSDOL website.

#### NOTICE OF COMPLETION / CANCELLATION OF PROJECT

Date Completed: \_\_\_\_\_ Date Cancelled: \_\_\_\_\_

Name & Title of Representative: \_\_\_\_\_

Phone: (518) 457-5589 Fax: (518) 485-1870  
W. Averell Harriman State Office Campus, Bldg. 12, Room 130, Albany, NY 12226



## **General Provisions of Laws Covering Workers on Article 8 Public Work Contracts**

### **Introduction**

The Labor Law requires public work contractors and subcontractors to pay laborers, workers, or mechanics employed in the performance of a public work contract not less than the prevailing rate of wage and supplements (fringe benefits) in the locality where the work is performed.

### **Responsibilities of the Department of Jurisdiction**

A Department of Jurisdiction (Contracting Agency) includes a state department, agency, board or commission; a county, city, town or village; a school district, board of education or board of cooperative educational services; a sewer, water, fire, improvement and other district corporation; a public benefit corporation; and a public authority awarding a public work contract.

The Department of Jurisdiction (Contracting Agency) awarding a public work contract MUST obtain a Prevailing Rate Schedule listing the hourly rates of wages and supplements due the workers to be employed on a public work project. This schedule may be obtained by completing and forwarding a "Request for wage and Supplement Information" form (PW 39) to the Bureau of Public Work. The Prevailing Rate Schedule MUST be included in the specifications for the contract to be awarded and is deemed part of the public work contract.

Upon the awarding of the contract, the law requires that the Department of Jurisdiction (Contracting Agency) furnish the following information to the Bureau: the name and address of the contractor, the date the contract was let and the approximate dollar value of the contract. To facilitate compliance with this provision of the Labor Law, a copy of the Department's "Notice of Contract Award" form (PW 16) is provided with the original Prevailing Rate Schedule.

The Department of Jurisdiction (Contracting Agency) is required to notify the Bureau of the completion or cancellation of any public work project. The Department's PW 200 form is provided for that purpose.

Both the PW 16 and PW 200 forms are available for completion [online](#).

### **Hours**

No laborer, worker, or mechanic in the employ of a contractor or subcontractor engaged in the performance of any public work project shall be permitted to work more than eight hours in any day or more than five days in any week, except in cases of extraordinary emergency. The contractor and the Department of Jurisdiction (Contracting Agency) may apply to the Bureau of Public Work for a dispensation permitting workers to work additional hours or days per week on a particular public work project.

### **Wages and Supplements**

The wages and supplements to be paid and/or provided to laborers, workers, and mechanics employed on a public work project shall be not less than those listed in the current Prevailing Rate Schedule for the locality where the work is performed. If a prime contractor on a public work project has not been provided with a Prevailing Rate Schedule, the contractor must notify the Department of Jurisdiction (Contracting Agency) who in turn must request an original Prevailing Rate Schedule from the Bureau of Public Work. Requests may be submitted by: mail to NYSDOL, Bureau of Public Work, State Office Bldg. Campus, Bldg. 12, Rm. 130, Albany, NY 12226; Fax to Bureau of Public Work (518) 485-1870; or electronically at the NYSDOL website [www.labor.ny.gov](http://www.labor.ny.gov).

Upon receiving the original schedule, the Department of Jurisdiction (Contracting Agency) is REQUIRED to provide complete copies to all prime contractors who in turn MUST, by law, provide copies of all applicable county schedules to each subcontractor and obtain from each subcontractor, an affidavit certifying such schedules were received. If the original schedule expired, the contractor may obtain a copy of the new annual determination from the NYSDOL website [www.labor.ny.gov](http://www.labor.ny.gov).

The Commissioner of Labor makes an annual determination of the prevailing rates. This determination is in effect from July 1st through June 30th of the following year. The annual determination is available on the NYSDOL website [www.labor.ny.gov](http://www.labor.ny.gov).

### **Payrolls and Payroll Records**

Every contractor and subcontractor MUST keep original payrolls or transcripts subscribed and affirmed as true under penalty of perjury. As per Article 6 of the Labor law, contractors and subcontractors are required to establish, maintain, and preserve for not less than six (6) years, contemporaneous, true, and accurate payroll records. At a minimum, payrolls must show the following information for each person employed on a public work project: Name, Address, Last 4 Digits of Social Security Number, Classification(s) in which the worker was employed, Hourly wage rate(s) paid, Supplements paid or provided, and Daily and weekly number of hours worked in each classification.

The filing of payrolls to the Department of Jurisdiction is a condition of payment. Every contractor and subcontractor shall submit to the Department of Jurisdiction (Contracting Agency), within thirty (30) days after issuance of its first payroll and every thirty (30) days thereafter, a transcript of the original payrolls, subscribed and affirmed as true under penalty of perjury. The Department of Jurisdiction (Contracting Agency) shall collect, review for facial validity, and maintain such payrolls.

In addition, the Commissioner of Labor may require contractors to furnish, with ten (10) days of a request, payroll records sworn to as their validity and accuracy for public work and private work. Payroll records include, but are not limited to time cards, work description sheets, proof that supplements were provided, cancelled payroll checks and payrolls. Failure to provide the requested information within the allotted ten (10) days will result in the withholding of up to 25% of the contract, not to exceed \$100,000.00. If the contractor or subcontractor does not maintain a place of business in New York State and the amount of the contract exceeds \$25,000.00, payroll records and certifications must be kept on the project worksite.

The prime contractor is responsible for any underpayments of prevailing wages or supplements by any subcontractor.

All contractors or their subcontractors shall provide to their subcontractors a copy of the Prevailing Rate Schedule specified in the public work contract as well as any subsequently issued schedules. A failure to provide these schedules by a contractor or subcontractor is a violation of Article 8, Section 220-a of the Labor Law.

All subcontractors engaged by a public work project contractor or its subcontractor, upon receipt of the original schedule and any subsequently issued schedules, shall provide to such contractor a verified statement attesting that the subcontractor has received the Prevailing Rate Schedule and will pay or provide the applicable rates of wages and supplements specified therein. (See NYS Labor Laws, Article 8 . Section 220-a).

### **Determination of Prevailing Wage and Supplement Rate Updates Applicable to All Counties**

The wages and supplements contained in the annual determination become effective July 1st whether or not the new determination has been received by a given contractor. Care should be taken to review the rates for obvious errors. Any corrections should be brought to the Department's attention immediately. It is the responsibility of the public work contractor to use the proper rates. If there is a question on the proper classification to be used, please call the district office located nearest the project. Any errors in the annual determination will be corrected and posted to the NYSDOL website on the first business day of each month. Contractors are responsible for paying these updated rates as well, retroactive to July 1st.

When you review the schedule for a particular occupation, your attention should be directed to the dates above the column of rates. These are the dates for which a given set of rates is effective. To the extent possible, the Department posts rates in its possession that cover periods of time beyond the July 1st to June 30th time frame covered by a particular annual determination. Rates that extend beyond that instant time period are informational ONLY and may be updated in future annual determinations that actually cover the then appropriate July 1st to June 30th time period.

### **Withholding of Payments**

When a complaint is filed with the Commissioner of Labor alleging the failure of a contractor or subcontractor to pay or provide the prevailing wages or supplements, or when the Commissioner of Labor believes that unpaid wages or supplements may be due, payments on the public work contract shall be withheld from the prime contractor in a sufficient amount to satisfy the alleged unpaid wages and supplements, including interest and civil penalty, pending a final determination.

When the Bureau of Public Work finds that a contractor or subcontractor on a public work project failed to pay or provide the requisite prevailing wages or supplements, the Bureau is authorized by Sections 220-b and 235.2 of the Labor Law to so notify the financial officer of the Department of Jurisdiction (Contracting Agency) that awarded the public work contract. Such officer MUST then withhold or cause to be withheld from any payment due the prime contractor on account of such contract the amount indicated by the Bureau as sufficient to satisfy the unpaid wages and supplements, including interest and any civil penalty that may be assessed by the Commissioner of Labor. The withholding continues until there is a final determination of the underpayment by the Commissioner of Labor or by the court in the event a legal proceeding is instituted for review of the determination of the Commissioner of Labor.

The Department of Jurisdiction (Contracting Agency) shall comply with this order of the Commissioner of Labor or of the court with respect to the release of the funds so withheld.

### **Summary of Notice Posting Requirements**

The current Prevailing Rate Schedule must be posted in a prominent and accessible place on the site of the public work project. The prevailing wage schedule must be encased in, or constructed of, materials capable of withstanding adverse weather conditions and be titled "PREVAILING RATE OF WAGES" in letters no smaller than two (2) inches by two (2) inches.

The "[Public Work Project](#)" notice must be posted at the beginning of the performance of every public work contract, on each job site.

Every employer providing workers. compensation insurance and disability benefits must post notices of such coverage in the format prescribed by the Workers. Compensation Board in a conspicuous place on the jobsite.

Every employer subject to the NYS Human Rights Law must conspicuously post at its offices, places of employment, or employment training centers, notices furnished by the State Division of Human Rights.

Employers liable for contributions under the Unemployment Insurance Law must conspicuously post on the jobsite notices furnished by the NYS Department of Labor.

## **Apprentices**

Employees cannot be paid apprentice rates unless they are individually registered in a program registered with the NYS Commissioner of Labor. The allowable ratio of apprentices to journeyworkers in any craft classification can be no greater than the statewide building trade ratios promulgated by the Department of Labor and included with the Prevailing Rate Schedule. An employee listed on a payroll as an apprentice who is not registered as above or is performing work outside the classification of work for which the apprentice is indentured, must be paid the prevailing journeyworker's wage rate for the classification of work the employee is actually performing.

NYSDOL Labor Law, Article 8, Section 220-3, require that only apprentices individually registered with the NYS Department of Labor may be paid apprenticeship rates on a public work project. No other Federal or State Agency of office registers apprentices in New York State.

Persons wishing to verify the apprentice registration of any person must do so in writing by mail, to the NYSDOL Office of Employability Development / Apprenticeship Training, State Office Bldg. Campus, Bldg. 12, Albany, NY 12226 or by Fax to NYSDOL Apprenticeship Training (518) 457-7154. All requests for verification must include the name and social security number of the person for whom the information is requested.

The only conclusive proof of individual apprentice registration is written verification from the NYSDOL Apprenticeship Training Albany Central office. Neither Federal nor State Apprenticeship Training offices outside of Albany can provide conclusive registration information.

It should be noted that the existence of a registered apprenticeship program is not conclusive proof that any person is registered in that program. Furthermore, the existence or possession of wallet cards, identification cards, or copies of state forms is not conclusive proof of the registration of any person as an apprentice.

## **Interest and Penalties**

In the event that an underpayment of wages and/or supplements is found:

- Interest shall be assessed at the rate then in effect as prescribed by the Superintendent of Banks pursuant to section 14-a of the Banking Law, per annum from the date of underpayment to the date restitution is made.
- A Civil Penalty may also be assessed, not to exceed 25% of the total of wages, supplements, and interest due.

## **Debarment**

Any contractor or subcontractor and/or its successor shall be ineligible to submit a bid on or be awarded any public work contract or subcontract with any state, municipal corporation or public body for a period of five (5) years when:

- Two (2) willful determinations have been rendered against that contractor or subcontractor and/or its successor within any consecutive six (6) year period.
- There is any willful determination that involves the falsification of payroll records or the kickback of wages or supplements.

## **Criminal Sanctions**

Willful violations of the Prevailing Wage Law (Article 8 of the Labor Law) may be a felony punishable by fine or imprisonment of up to 15 years, or both.

## **Discrimination**

No employee or applicant for employment may be discriminated against on account of age, race, creed, color, national origin, sex, disability or marital status.

No contractor, subcontractor nor any person acting on its behalf, shall by reason of race, creed, color, disability, sex or national origin discriminate against any citizen of the State of New York who is qualified and available to perform the work to which the employment relates (NYS Labor Law, Article 8, Section 220-e(a)).

No contractor, subcontractor, nor any person acting on its behalf, shall in any manner, discriminate against or intimidate any employee on account of race, creed, color, disability, sex, or national origin (NYS Labor Law, Article 8, Section 220-e(b)).

The Human Rights Law also prohibits discrimination in employment because of age, marital status, or religion.

There may be deducted from the amount payable to the contractor under the contract a penalty of \$50.00 for each calendar day during which such person was discriminated against or intimidated in violation of the provision of the contract (NYS Labor Law, Article 8, Section 220-e(c) ).

The contract may be cancelled or terminated by the State or municipality. All monies due or to become due thereunder may be forfeited for a second or any subsequent violation of the terms or conditions of the anti-discrimination sections of the contract (NYS Labor Law, Article 8, Section 220-e(d) ).

Every employer subject to the New York State Human Rights Law must conspicuously post at its offices, places of employment, or employment training centers notices furnished by the State Division of Human Rights.

### **Workers' Compensation**

In accordance with Section 142 of the State Finance Law, the contractor shall maintain coverage during the life of the contract for the benefit of such employees as required by the provisions of the New York State Workers' Compensation Law.

A contractor who is awarded a public work contract must provide proof of workers' compensation coverage prior to being allowed to begin work.

The insurance policy must be issued by a company authorized to provide workers' compensation coverage in New York State. Proof of coverage must be on form C-105.2 (Certificate of Workers' Compensation Insurance) and must name this agency as a certificate holder.

If New York State coverage is added to an existing out-of-state policy, it can only be added to a policy from a company authorized to write workers' compensation coverage in this state. The coverage must be listed under item 3A of the information page.

The contractor must maintain proof that subcontractors doing work covered under this contract secured and maintained a workers' compensation policy for all employees working in New York State.

Every employer providing worker's compensation insurance and disability benefits must post notices of such coverage in the format prescribed by the Workers' Compensation Board in a conspicuous place on the jobsite.

### **Unemployment Insurance**

Employers liable for contributions under the Unemployment Insurance Law must conspicuously post on the jobsite notices furnished by the New York State Department of Labor.



Kathy Hochul, Governor

Roberta Reardon, Commissioner

Design & construction

Angela Lewis, Administrative Assistant  
Contract Management 35th Fl.  
Corning Tower  
Empire State Plaza  
Albany NY 12242

Schedule Year 2023 through 2024  
Date Requested 12/26/2023  
PRC# 2023014800

Location Cook Chill Production Center  
Project ID# 47430  
Project Type Replace Building Chillers, Building 144

### Notice of Contract Award

New York State Labor Law, Article 8, Section 220.3a requires that certain information regarding the awarding of public work contracts, be furnished to the Commissioner of Labor. One "Notice of Contract Award" (PW 16, which may be photocopied), **MUST** be completed for **EACH** prime contractor on the above referenced project.

Upon notifying the successful bidder(s) of this contract, enter the required information and mail **OR** fax this form to the office shown at the bottom of this notice, **OR** fill out the electronic version via the NYSDOL website.

### Contractor Information

All information must be supplied

Federal Employer Identification Number: _____		
Name: _____		
Address: _____ _____		
City: _____	State: _____	Zip: _____
Amount of Contract: \$ _____	Contract Type:	
Approximate Starting Date: ____/____/____	<input type="checkbox"/> (01) General Construction	
Approximate Completion Date: ____/____/____	<input type="checkbox"/> (02) Heating/Ventilation	
	<input type="checkbox"/> (03) Electrical	
	<input type="checkbox"/> (04) Plumbing	
	<input type="checkbox"/> (05) Other : _____	

Phone: (518) 457-5589 Fax: (518) 485-1870  
W. Averell Harriman State Office Campus, Bldg. 12, Room 130, Albany, NY 12226



### **Social Security Numbers on Certified Payrolls:**

The Department of Labor is cognizant of the concerns of the potential for misuse or inadvertent disclosure of social security numbers. Identity theft is a growing problem and we are sympathetic to contractors' concern regarding inclusion of this information on payrolls if another identifier will suffice.

For these reasons, the substitution of the use of the last four digits of the social security number on certified payrolls submitted to contracting agencies on public work projects is now acceptable to the Department of Labor. This change does not affect the Department's ability to request and receive the entire social security number from employers during its public work/ prevailing wage investigations.

### **Construction Industry Fair Play Act: Required Posting for Labor Law Article 25-B § 861-d**

Construction industry employers must post the "Construction Industry Fair Play Act" notice in a prominent and accessible place on the job site. Failure to post the notice can result in penalties of up to \$1,500 for a first offense and up to \$5,000 for a second offense. The posting is included as part of this wage schedule. Additional copies may be obtained from the NYS DOL website, <https://dol.ny.gov/public-work-and-prevailing-wage>

If you have any questions concerning the Fair Play Act, please call the State Labor Department toll-free at 1-866-435-1499 or email us at: [dol.misclassified@labor.ny.gov](mailto:dol.misclassified@labor.ny.gov) .

### **Worker Notification: (Labor Law §220, paragraph a of subdivision 3-a)**

#### **Effective June 23, 2020**

This provision is an addition to the existing wage rate law, Labor Law §220, paragraph a of subdivision 3-a. It requires contractors and subcontractors to provide written notice to all laborers, workers or mechanics of the *prevailing wage and supplement rate* for their particular job classification *on each pay stub*\*. It also requires contractors and subcontractors to *post a notice* at the beginning of the performance of every public work contract *on each job site* that includes the telephone number and address for the Department of Labor and a statement informing laborers, workers or mechanics of their right to contact the Department of Labor if he/she is not receiving the proper prevailing rate of wages and/or supplements for his/her job classification. The required notification will be provided with each wage schedule, may be downloaded from our website [www.labor.ny.gov](http://www.labor.ny.gov) or be made available upon request by contacting the Bureau of Public Work at 518-457-5589. \*In the event the required information will not fit on the pay stub, an accompanying sheet or attachment of the information will suffice.

**To all State Departments, Agency Heads and Public Benefit Corporations  
IMPORTANT NOTICE REGARDING PUBLIC WORK ENFORCEMENT FUND**

## **Budget Policy & Reporting Manual**

# **B-610**

### **Public Work Enforcement Fund**

*effective date December 7, 2005*

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#### **1. Purpose and Scope:**

This Item describes the Public Work Enforcement Fund (the Fund, PWEF) and its relevance to State agencies and public benefit corporations engaged in construction or reconstruction contracts, maintenance and repair, and announces the recently-enacted increase to the percentage of the dollar value of such contracts that must be deposited into the Fund. This item also describes the roles of the following entities with respect to the Fund:

- New York State Department of Labor (DOL),
- The Office of the State of Comptroller (OSC), and
- State agencies and public benefit corporations.

#### **2. Background and Statutory References:**

DOL uses the Fund to enforce the State's Labor Law as it relates to contracts for construction or reconstruction, maintenance and repair, as defined in subdivision two of Section 220 of the Labor Law. State agencies and public benefit corporations participating in such contracts are required to make payments to the Fund.

Chapter 511 of the Laws of 1995 (as amended by Chapter 513 of the Laws of 1997, Chapter 655 of the Laws of 1999, Chapter 376 of the Laws of 2003 and Chapter 407 of the Laws of 2005) established the Fund.

#### **3. Procedures and Agency Responsibilities:**

The Fund is supported by transfers and deposits based on the value of contracts for construction and reconstruction, maintenance and repair, as defined in subdivision two of Section 220 of the Labor Law, into which all State agencies and public benefit corporations enter.

Chapter 407 of the Laws of 2005 increased the amount required to be provided to this fund to .10 of one-percent of the total cost of each such contract, to be calculated at the time agencies or public benefit corporations enter into a new contract or if a contract is amended. The provisions of this bill became effective August 2, 2005.

**To all State Departments, Agency Heads and Public Benefit Corporations**  
**IMPORTANT NOTICE REGARDING PUBLIC WORK ENFORCEMENT FUND**

OSC will report to DOL on all construction-related ("D") contracts approved during the month, including contract amendments, and then DOL will bill agencies the appropriate assessment monthly. An agency may then make a determination if any of the billed contracts are exempt and so note on the bill submitted back to DOL. For any instance where an agency is unsure if a contract is or is not exempt, they can call the Bureau of Public Work at the number noted below for a determination. Payment by check or journal voucher is due to DOL within thirty days from the date of the billing. DOL will verify the amounts and forward them to OSC for processing.

For those contracts which are not approved or administered by the Comptroller, monthly reports and payments for deposit into the Public Work Enforcement Fund must be provided to the Administrative Finance Bureau at the DOL within 30 days of the end of each month or on a payment schedule mutually agreed upon with DOL.

Reports should contain the following information:

- Name and billing address of State agency or public benefit corporation;
- State agency or public benefit corporation contact and phone number;
- Name and address of contractor receiving the award;
- Contract number and effective dates;
- Contract amount and PWEF assessment charge (if contract amount has been amended, reflect increase or decrease to original contract and the adjustment in the PWEF charge); and
- Brief description of the work to be performed under each contract.

Checks and Journal Vouchers, payable to the "New York State Department of Labor" should be sent to:

Department of Labor  
Administrative Finance Bureau-PWEF Unit  
Building 12, Room 464  
State Office Campus  
Albany, NY 12226

Any questions regarding billing should be directed to NYSDOL's Administrative Finance Bureau-PWEF Unit at (518) 457-3624 and any questions regarding Public Work Contracts should be directed to the Bureau of Public Work at (518) 457-5589.





## Required Notice under Article 25-B of the Labor Law

### **Attention All Employees, Contractors and Subcontractors: You are Covered by the Construction Industry Fair Play Act**

#### **The law says that you are an employee unless:**

- You are free from direction and control in performing your job, **and**
- You perform work that is not part of the usual work done by the business that hired you, **and**
- You have an independently established business.

Your employer cannot consider you to be an independent contractor unless all three of these facts apply to your work.

**It is against the law for an employer to misclassify employees as independent contractors or pay employees off the books.**

**Employee Rights:** If you are an employee, you are entitled to state and federal worker protections. These include:

- Unemployment Insurance benefits, if you are unemployed through no fault of your own, able to work, and otherwise qualified,
- Workers' compensation benefits for on-the-job injuries,
- Payment for wages earned, minimum wage, and overtime (under certain conditions),
- Prevailing wages on public work projects,
- The provisions of the National Labor Relations Act, and
- A safe work environment.

It is a violation of this law for employers to retaliate against anyone who asserts their rights under the law. Retaliation subjects an employer to civil penalties, a private lawsuit or both.

**Independent Contractors:** If you are an independent contractor, **you must pay all taxes and Unemployment Insurance contributions required by New York State and Federal Law.**

**Penalties** for paying workers off the books or improperly treating employees as independent contractors:

- **Civil Penalty**
  - First offense: Up to \$2,500 per employee
  - Subsequent offense(s): Up to \$5,000 per employee
- **Criminal Penalty**
  - First offense: Misdemeanor - up to 30 days in jail, up to a \$25,000 fine and debarment from performing public work for up to one year.
  - Subsequent offense(s): Misdemeanor - up to 60 days in jail or up to a \$50,000 fine and debarment from performing public work for up to 5 years.

**If you have questions about your employment status or believe that your employer may have violated your rights and you want to file a complaint, call the Department of Labor at (866) 435-1499 or send an email to [dol.misclassified@labor.ny.gov](mailto:dol.misclassified@labor.ny.gov). All complaints of fraud and violations are taken seriously. You can remain anonymous.**

**Employer Name:**

IA 999 (09/16)





# Attention Employees

## THIS IS A: **PUBLIC WORK PROJECT**

If you are employed on this project as a **worker, laborer, or mechanic** you are entitled to receive the **prevailing wage and supplements rate** for the classification at which you are working.

Your pay stub and wage notice received upon hire must clearly state your wage rate and supplement rate.

Chapter 629 of  
the Labor Laws  
of 2007:

**These wages are set by law and must be posted at the work site. They can also be found at:**  
**<https://dol.ny.gov/bureau-public-work>**



If you feel that you have not received proper wages or benefits, please call our nearest office.\*

Albany	(518) 457-2744	Patchogue	(631) 687-4882
Binghamton	(607) 721-8005	Rochester	(585) 258-4505
Buffalo	(716) 847-7159	Syracuse	(315) 428-4056
Garden City	(516) 228-3915	Utica	(315) 793-2314
New York City	(212) 932-2419	White Plains	(914) 997-9507
Newburgh	(845) 568-5287		

\* For New York City government agency construction projects, please contact the Office of the NYC Comptroller at (212) 669-4443, or [www.comptroller.nyc.gov](http://www.comptroller.nyc.gov) – click on Bureau of Labor Law.

Contractor Name: \_\_\_\_\_

Project Location: \_\_\_\_\_



## Requirements for OSHA 10 Compliance

Article 8 §220-h requires that when the advertised specifications, for every contract for public work, is \$250,000.00 or more the contract must contain a provision requiring that every worker employed in the performance of a public work contract shall be certified as having completed an OSHA 10 safety training course. The clear intent of this provision is to require that all employees of public work contractors, required to be paid prevailing rates, receive such training "prior to the performing any work on the project."

### **The Bureau will enforce the statute as follows:**

All contractors and sub contractors must attach a copy of proof of completion of the OSHA 10 course to the first certified payroll submitted to the contracting agency and on each succeeding payroll where any new or additional employee is first listed.

Proof of completion may include but is not limited to:

- Copies of bona fide course completion card (*Note: Completion cards do not have an expiration date.*)
- Training roster, attendance record or other documentation from the certified trainer pending the issuance of the card.
- Other valid proof

**\*\*A certification by the employer attesting that all employees have completed such a course is not sufficient proof that the course has been completed.**

Any questions regarding this statute may be directed to the New York State Department of Labor, Bureau of Public Work at 518-457-5589.

## **WICKS**

Public work projects are subject to the Wicks Law requiring separate specifications and bidding for the plumbing, heating and electrical work, when the total project's threshold is \$3 million in Bronx, Kings, New York, Queens and, Richmond counties; \$1.5 million in Nassau, Suffolk and Westchester counties; and \$500,000 in all other counties.

For projects below the monetary threshold, bidders must submit a sealed list naming each subcontractor for the plumbing, HVAC and electrical and the amount to be paid to each. The list may not be changed unless the public owner finds a legitimate construction need, including a change in specifications or costs or the use of a Project Labor Agreement (PLA), and must be open to public inspection.

Allows the state and local agencies and authorities to waive the Wicks Law and use a PLA if it will provide the best work at the lowest possible price. If a PLA is used, all contractors shall participate in apprentice training programs in the trades of work it employs that have been approved by the Department of Labor (DOL) for not less than three years. They shall also have at least one graduate in the last three years and use affirmative efforts to retain minority apprentices. PLA's would be exempt from Wicks, but deemed to be public work subject to prevailing wage enforcement.

The Commissioner of Labor shall have the power to enforce separate specification requirements on projects, and may issue stop-bid orders against public owners for non-compliance.

Other new monetary thresholds, and similar sealed bidding for non-Wicks projects, would apply to certain public authorities including municipal housing authorities, NYC Construction Fund, Yonkers Educational Construction Fund, NYC Municipal Water Finance Authority, Buffalo Municipal Water Finance Authority, Westchester County Health Care Association, Nassau County Health Care Corp., Clifton-Fine Health Care Corp., Erie County Medical Center Corp., NYC Solid Waste Management Facilities, and the Dormitory Authority.

Contractors must pay subcontractors within a 7 days period.

(07.19)

## Introduction to the Prevailing Rate Schedule

### Information About Prevailing Rate Schedule

This information is provided to assist you in the interpretation of particular requirements for each classification of worker contained in the attached Schedule of Prevailing Rates.

#### Classification

It is the duty of the Commissioner of Labor to make the proper classification of workers taking into account whether the work is heavy and highway, building, sewer and water, tunnel work, or residential, and to make a determination of wages and supplements to be paid or provided. It is the responsibility of the public work contractor to use the proper rate. If there is a question on the proper classification to be used, please call the district office located nearest the project. District office locations and phone numbers are listed below.

Prevailing Wage Schedules are issued separately for "General Construction Projects" and "Residential Construction Projects" on a county-by-county basis.

General Construction Rates apply to projects such as: Buildings, Heavy & Highway, and Tunnel and Water & Sewer rates.

Residential Construction Rates generally apply to construction, reconstruction, repair, alteration, or demolition of one family, two family, row housing, or rental type units intended for residential use.

Some rates listed in the Residential Construction Rate Schedule have a very limited applicability listed along with the rate. Rates for occupations or locations not shown on the residential schedule must be obtained from the General Construction Rate Schedule. Please contact the local Bureau of Public Work office before using Residential Rate Schedules, to ensure that the project meets the required criteria.

#### Payrolls and Payroll Records

Contractors and subcontractors are required to establish, maintain, and preserve for not less than six (6) years, contemporaneous, true, and accurate payroll records.

Every contractor and subcontractor shall submit to the Department of Jurisdiction (Contracting Agency), within thirty (30) days after issuance of its first payroll and every thirty (30) days thereafter, a transcript of the original payrolls, subscribed and affirmed as true under penalty of perjury.

#### Paid Holidays

Paid Holidays are days for which an eligible employee receives a regular day's pay, but is not required to perform work. If an employee works on a day listed as a paid holiday, this remuneration is in addition to payment of the required prevailing rate for the work actually performed.

#### Overtime

At a minimum, all work performed on a public work project in excess of eight hours in any one day or more than five days in any workweek is overtime. However, the specific overtime requirements for each trade or occupation on a public work project may differ. Specific overtime requirements for each trade or occupation are contained in the prevailing rate schedules.

Overtime holiday pay is the premium pay that is required for work performed on specified holidays. It is only required where the employee actually performs work on such holidays.

The applicable holidays are listed under HOLIDAYS: OVERTIME. The required rate of pay for these covered holidays can be found in the OVERTIME PAY section listings for each classification.

#### Supplemental Benefits

Particular attention should be given to the supplemental benefit requirements. Although in most cases the payment or provision of supplements is straight time for all hours worked, some classifications require the payment or provision of supplements, or a portion of the supplements, to be paid or provided at a premium rate for premium hours worked. Supplements may also be required to be paid or provided on paid holidays, regardless of whether the day is worked. The Overtime Codes and Notes listed on the particular wage classification will indicate these conditions as required.

#### Effective Dates

When you review the schedule for a particular occupation, your attention should be directed to the dates above the column of rates. These are the dates for which a given set of rates is effective. The rate listed is valid until the next effective rate change or until the new annual determination which takes effect on July 1 of each year. All contractors and subcontractors are required to pay the current prevailing rates of wages and supplements. If you have any questions please contact the Bureau of Public Work or visit the New York State Department of Labor website ([www.labor.ny.gov](http://www.labor.ny.gov)) for current wage rate information.

#### Apprentice Training Ratios

The following are the allowable ratios of registered Apprentices to Journey-workers.

For example, the ratio 1:1,1:3 indicates the allowable initial ratio is one Apprentice to one Journeyworker. The Journeyworker must be in place on the project before an Apprentice is allowed. Then three additional Journeyworkers are needed before a second Apprentice is allowed. The last ratio repeats indefinitely. Therefore, three more Journeyworkers must be present before a third Apprentice can be hired, and so on.

Please call Apprentice Training Central Office at (518) 457-6820 if you have any questions.

Title (Trade)	Ratio
Boilermaker (Construction)	1:1,1:4
Boilermaker (Shop)	1:1,1:3
Carpenter (Bldg.,H&H, Pile Driver/Dockbuilder)	1:1,1:4
Carpenter (Residential)	1:1,1:3
Electrical (Outside) Lineman	1:1,1:2
Electrician (Inside)	1:1,1:3
Elevator/Escalator Construction & Modernizer	1:1,1:2
Glazier	1:1,1:3
Insulation & Asbestos Worker	1:1,1:3
Iron Worker	1:1,1:4
Laborer	1:1,1:3
Mason	1:1,1:4
Millwright	1:1,1:4
Op Engineer	1:1,1:5
Painter	1:1,1:3
Plumber & Steamfitter	1:1,1:3
Roofer	1:1,1:2
Sheet Metal Worker	1:1,1:3
Sprinkler Fitter	1:1,1:2

If you have any questions concerning the attached schedule or would like additional information, please contact the nearest BUREAU of PUBLIC WORK District Office or write to:

New York State Department of Labor  
Bureau of Public Work  
State Office Campus, Bldg. 12  
Albany, NY 12226

District Office Locations:	Telephone #	FAX #
Bureau of Public Work - Albany	518-457-2744	518-485-0240
Bureau of Public Work - Binghamton	607-721-8005	607-721-8004
Bureau of Public Work - Buffalo	716-847-7159	716-847-7650
Bureau of Public Work - Garden City	516-228-3915	516-794-3518
Bureau of Public Work - Newburgh	845-568-5287	845-568-5332
Bureau of Public Work - New York City	212-932-2419	212-775-3579
Bureau of Public Work - Patchogue	631-687-4882	631-687-4902
Bureau of Public Work - Rochester	585-258-4505	585-258-4708
Bureau of Public Work - Syracuse	315-428-4056	315-428-4671
Bureau of Public Work - Utica	315-793-2314	315-793-2514
Bureau of Public Work - White Plains	914-997-9507	914-997-9523
Bureau of Public Work - Central Office	518-457-5589	518-485-1870

## Rockland County General Construction

### Boilermaker

12/01/2023

**JOB DESCRIPTION** Boilermaker

**DISTRICT** 4

#### ENTIRE COUNTIES

Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

#### WAGES

Per Hour:	07/01/2023	01/01/2024
Boilermaker	\$ 65.88	\$ 67.38
Repairs & Renovations	65.88	67.38

Repairs & Renovation: Includes Repairing, Renovating replacement of parts to an existing unit(s).

#### SUPPLEMENTAL BENEFITS

Per Hour:

Boilermaker	33.5% of hourly	33.5% of Hourly
Repair \$ Renovations	Wage Paid	Wage Paid
	+ \$ 26.49	+ \$26.85

NOTE: "Hourly Wage Paid" shall include any and all premium(s) pay.

Repairs & Renovation Includes replacement of parts and repairs & renovation of existing unit.

#### OVERTIME PAY

See (\*B, O, \*\*U) on OVERTIME PAGE

Note: \* Includes 9th & 10th hours, double for 11th or more.

\*\* Labor Day ONLY, if worked.

Repairs & Renovation see (B,E,Q) on OT Page

#### HOLIDAY

Paid: See (1) on HOLIDAY PAGE  
Overtime: See (5, 6, 11, 12, 15, 25, 26, 29) on HOLIDAY PAGE

#### REGISTERED APPRENTICES

Wage per hour:

(1/2) Year Terms at the following percentage of Boilermaker's Wage

1st	2nd	3rd	4th	5th	6th	7th
65%	70%	75%	80%	85%	90%	95%

Supplemental Benefits Per Hour:

Apprentice(s)	33.5% of Hourly Wage Paid Plus Amount Below	33.5% of Hourly Wage Paid Plus Amount Below
1st Term	\$ 20.12	\$ 20.36
2nd Term	21.03	21.28
3rd Term	21.95	22.22
4th Term	22.83	23.12
5th Term	23.76	24.07
6th Term	24.67	25.00
7th Term	25.58	25.93

NOTE: "Hourly Wage Paid" shall include any and all premium(s)

4-5

### Carpenter

12/01/2023

**JOB DESCRIPTION** Carpenter

**DISTRICT** 8

#### ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

#### WAGES

Per hour: 07/01/2023

Piledriver \$ 59.16  
+ 9.79\*

Dockbuilder \$ 59.16  
+ 9.79\*

\*This portion is not subject to overtime premiums

#### **SUPPLEMENTAL BENEFITS**

Per hour:

Journeyworker \$ 45.34

#### **OVERTIME PAY**

See (B, E2, O) on OVERTIME PAGE

#### **HOLIDAY**

Paid: See (1) on HOLIDAY PAGE.

Paid: for 1st & 2nd yr.

Apprentices See (5,6,11,13,25)

Overtime: See (5,6,11,13,25) on HOLIDAY PAGE.

#### **REGISTERED APPRENTICES**

Wages per hour

(1)year terms:

1st	2nd	3rd	4th
\$25.60	\$31.20	\$39.58	\$47.97
+ 5.30*	+ 5.30*	+ 5.30*	+ 5.30*

\*This portion is not subject to overtime premiums

Supplemental benefits per hour:

All Terms: \$ 31.83

8-1556 Db

### **Carpenter**

12/01/2023

**JOB DESCRIPTION** Carpenter

**DISTRICT** 8

#### **ENTIRE COUNTIES**

Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, Westchester

#### **WAGES**

Per hour: 07/01/2023

Carpet/Resilient

Floor Coverer \$ 55.05  
+ 8.25\*

\*This portion is not subject to overtime premiums

INCLUDES HANDLING & INSTALLATION OF ARTIFICIAL TURF AND SIMILAR TURF INDOORS/OUTDOORS.

#### **SUPPLEMENTAL BENEFITS**

Per hour:

\$ 39.45

#### **OVERTIME PAY**

See (B, E, Q) on OVERTIME PAGE

#### **HOLIDAY**

Paid: See (18, 19) on HOLIDAY PAGE.

Paid for 1st & 2nd yr.

Apprentices See (5,6,11,13,16,18,19,25)

Overtime: See (5,6,11,13,16,18,19,25) on HOLIDAY PAGE.

#### **REGISTERED APPRENTICES**

Wage per hour - (1) year terms:

1st	2nd	3rd	4th
\$ 25.20	\$ 28.20	\$ 32.45	\$ 40.33

+ 1.85\* + 2.35\* + 2.85\* + 3.85\*

\*This portion is not subject to overtime premiums

Supplemental benefits per hour:

1st	2nd	3rd	4th
\$ 15.22	\$ 16.22	\$ 19.32	\$ 20.32

8-2287

<b>Carpenter</b>	<b>12/01/2023</b>
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**JOB DESCRIPTION** Carpenter

**DISTRICT** 8

**ENTIRE COUNTIES**

Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

**WAGES**

Per Hour: 07/01/2023

Marine Construction:

Marine Diver \$ 74.03  
+ 9.79\*

Marine Tender \$ 53.57  
+ 9.79\*

\*This portion is not subject to overtime premiums

**SUPPLEMENTAL BENEFITS**

Per Hour:

Journeyworker \$ 45.34

**OVERTIME PAY**

See (B, E, E2, Q) on OVERTIME PAGE

**HOLIDAY**

Paid: See (18, 19) on HOLIDAY PAGE

Overtime: See (5, 6, 10, 11, 13, 16, 18, 19) on HOLIDAY PAGE

**REGISTERED APPRENTICES**

Wages per hour:

One (1) year terms.

1st year	\$ 25.60 + 5.30*
2nd year	31.20 + 5.30*
3rd year	39.58 + 5.30*
4th year	47.97 + 5.05*

\*This portion is not subject to overtime premiums

Supplemental Benefits

Per Hour:

All terms \$ 31.83

8-1456MC

<b>Carpenter</b>	<b>12/01/2023</b>
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**JOB DESCRIPTION** Carpenter

**DISTRICT** 8

**ENTIRE COUNTIES**

Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, Westchester

**WAGES**

Per hour: 07/01/2023

Building  
Millwright \$ 58.70  
+ 12.62\*

\*This portion is not subject to overtime premiums

#### SUPPLEMENTAL BENEFITS

Per hour:

Millwright \$ 44.31

#### OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

#### HOLIDAY

Paid: See (18,19) on HOLIDAY PAGE.

Overtime See (5,6,8,11,13,18,19,25) on HOLIDAY PAGE.

#### REGISTERED APPRENTICES

Wages per hour:

One (1) year terms:

1st.	2nd.	3rd.	4th.
\$31.74	\$37.19	\$42.64	\$53.54
+ 6.75*	+ 7.92*	+ 9.09*	+ 11.43*

\*This portion is not subject to overtime premiums

Supplemental benefits per hour:

One (1) year terms:

1st.	2nd.	3rd.	4th.
\$29.81	\$32.34	\$35.52	\$39.94

8-740.1

### Carpenter

12/01/2023

**JOB DESCRIPTION** Carpenter

**DISTRICT** 8

#### ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Westchester

#### PARTIAL COUNTIES

Orange: South of but including the following, Waterloo Mills, Slate Hill, New Hampton, Goshen, Blooming Grove, Mountainville, east to the Hudson River.

Putnam: South of but including the following, Cold Spring, TompkinsCorner, Mahopac, Croton Falls, east to Connecticut border.

Suffolk: West of Port Jefferson and Patchogue Road to Route 112 to the Atlantic Ocean.

#### WAGES

Per hour: 07/01/2023

Core Drilling:

Driller \$ 43.88  
+ 2.50\*

Driller Helper

\$ 34.47  
+ 2.50\*

Note: Hazardous Waste Pay Differential:

For Level C, an additional 15% above wage rate per hour

For Level B, an additional 15% above wage rate per hour

For Level A, an additional 15% above wage rate per hour

Note: When required to work on water: an additional \$ 3.00 per hour.

\*This portion is not subject to overtime premiums

#### SUPPLEMENTAL BENEFITS

Per hour:

Driller and Helper \$ 28.85

#### OVERTIME PAY

See (B, G, P) on OVERTIME PAGE

#### HOLIDAY

Paid: See (5, 6) on HOLIDAY PAGE  
Overtime: See (5, 6) on HOLIDAY PAGE

8-1536-CoreDriller

**Carpenter - Building / Heavy&Highway**

**12/01/2023**

**JOB DESCRIPTION** Carpenter - Building / Heavy&Highway

**DISTRICT** 11

**ENTIRE COUNTIES**

Putnam, Rockland, Westchester

**WAGES**

WAGES:(per hour)

Applies to CAPRENTER BUILDING/HEAVY & HIGHWAY/TUNNEL:

	07/01/2023	07/01/2024	07/01/2025	07/01/2026
		Additional	Additional	Additional
Base Wage	\$ 39.80	\$ 1.25**	\$ 1.25**	\$ 1.25**
	+\$6.71*			

\*For all hours paid straight or premium.

\*\*To be allocated at a later date.

SHIFT DIFFERENTIAL: When it is mandated by a Government Agency irregular or off shift can be worked. The Carpenter shall receive an additional fifteen percent (15%) of wage plus applicable benefits.

**SUPPLEMENTAL BENEFITS**

Per hour:

Journeyworker \$ 33.22

**OVERTIME PAY**

See (B, E, Q) on OVERTIME PAGE

**HOLIDAY**

BUILDING:

Paid: See ( 1 ) on HOLIDAY PAGE.

Overtime: See ( 5, 6, 16, 25 ) on HOLIDAY PAGE.

- Holidays that fall on Sunday will be observed Monday.

HEAVY&HIGHWAY/TUNNEL:

Paid: See ( 5, 6, 25 ) on HOLIDAY PAGE

Overtime: See ( 5, 6 ) on HOLIDAY PAGE

- Holidays that fall on Sunday will be observed Monday

- Must be employed during the five (5) work days immediately preceding a holiday or during the five (5) work days following the paid holiday to receive holiday pay

- If Employee is entitled to a paid holiday, the Employee is paid the Holiday wage and supplemental benefits whether they work or not. If Employee works the Holiday, the Employee will receive holiday pay (including supplemental benefits), plus the applicable premium wage for working the Holiday. If Employee works in excess of 8 hours on Holiday, then benefits will be paid for any hours in excess of 8 hours.

**REGISTERED APPRENTICES**

1 year terms at the following wage rates:

1st	2nd	3rd	4th	5th
\$ 19.90	\$ 23.88	\$ 25.87	\$ 27.86	\$ 31.84
+3.58*	+3.58*	+3.58*	+3.58*	+3.58*

\*For all hours paid straight or premium

SUPPLEMENTAL BENEFITS per hour:

All terms \$ 16.27

11-279.1B/HH

**Electrician**

**12/01/2023**

**JOB DESCRIPTION** Electrician

**DISTRICT** 11

**ENTIRE COUNTIES**

Orange, Putnam, Rockland

**PARTIAL COUNTIES**

Dutchess: Towns of Fishkill, East Fishkill, and Beacon.

**WAGES**

Per hour:

	07/01/2023	04/01/2024
Electrician Wireman/Technician	\$ 49.50	\$ 50.50
	+9.00*	+ 9.50*

SHIFT DIFFERENTIAL: On Public Work in New York State when shift work is mandated either in the job specifications or by the contracting agency, the following rates apply when shift is worked:

Between 4:30pm & 12:30am	\$ 58.08	\$ 59.30
	+ 9.00*	+ 9.50*
Between 12:30am & 8:30am	\$ 65.06	\$66.35
	+ 9.00*	+ 9.50*

\*For all hours paid straight or premium, not to be included in 3% calculation for supplemental benefits.

NOTE ADDITIONAL AMOUNTS PAID FOR THE FOLLOWING WORK LISTED BELOW (subject to overtime premiums):

- On jobs where employees are required to work from boatswain chairs, swinging scaffolds, etc., forty (40) feet or more above the ground, or under compressed air, using Scottair packs, or gas masks, they shall receive an additional \$2.00 per hour above the regular straight time rate.
- Journeyman Wireman working in Shafts, Tunnels or on Barges: \$5.00 above the Journeyman Wireman rate of pay
- Journeyman Wireman when performing welding or cable splicing: \$3.00 above the Journeyman Wireman rate of pay
- Journeyman Wireman required to have a NYS Asbestos Certificate: \$3.00 above the Journeyman Wireman rate of pay
- Journeyman Wireman required to have a CDL: \$3.00 above the Journeyman Wireman rate of pay.

#### SUPPLEMENTAL BENEFITS

Per hour:	07/01/2023	04/01/2024
Journeyman	\$ 28.68 plus	\$ 29.68 plus
	3% of straight	3% of straight
	or premium wage	or premium wage

#### OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

#### HOLIDAY

Paid: See (1) on HOLIDAY PAGE  
Overtime: See (5, 6, 13, 15, 16, 25) on HOLIDAY PAGE

When the holiday falls on a Saturday it is observed the Friday before. When the holiday falls on a Sunday it is observed on the Monday after.

#### REGISTERED APPRENTICES

WAGES:

(1)year terms at the following rates

07/01/2023	1st	2nd	3rd	4th	5th	6th
1st Shift	\$ 14.25	\$ 19.00	\$ 23.75	\$ 28.50	\$ 33.25	\$ 35.63
	+1.00*	+1.00*	+1.50*	+2.00*	+2.50*	+2.50*
2nd Shift	16.72	22.29	27.86	33.43	39.00	41.79
	+1.00*	+1.00*	+1.50*	+2.00*	+2.50*	+2.50*
3rd Shift	18.72	24.97	31.21	37.45	43.69	46.82
	+1.00*	+1.00*	+1.50*	+2.00*	+2.50*	+2.50*
09/01/2023	1st	2nd	3rd	4th	5th	6th
1st Shift	\$ 15.68	\$ 19.00	\$ 23.75	\$ 28.50	\$ 33.25	\$ 35.63
	+1.00*	+1.00*	+1.50*	+2.00*	+2.50*	+2.50*
2nd Shift	18.39	22.29	27.86	33.43	39.00	41.79
	+1.00*	+1.00*	+1.50*	+2.00*	+2.50*	+2.50*
3rd Shift	20.60	24.97	31.21	47.45	43.69	46.82
	+1.00*	+1.00*	+1.50*	+2.00*	+2.50*	+2.50*
04/01/2024	1st	2nd	3rd	4th	5th	6th
1st Shift	\$ 16.01	\$ 19.40	\$ 24.25	\$ 29.10	\$ 33.95	\$ 36.38
	+1.00*	+1.00*	+1.50*	+2.00*	+2.50*	+2.50*
2nd Shift	18.78	22.76	28.45	34.13	39.82	42.67
	+1.00*	+1.00*	+1.50*	+2.00*	+2.50*	+2.50*
3rd Shift	21.04	25.49	31.86	38.24	44.61	47.80
	+1.00*	+1.00*	+1.50*	+2.00*	+2.50*	+2.50*
09/01/2024	1st	2nd	3rd	4th	5th	6th
1st Shift	\$ 16.01	\$ 19.40	\$ 24.25	\$ 29.10	\$ 33.95	\$ 36.38
	+1.00*	+1.00*	+1.00*	+2.00*	+2.50*	+2.50*
2nd Shift	18.78	22.76	28.45	34.13	39.82	42.67
	+1.00*	+1.00*	+1.00*	+2.00*	+2.50*	+2.50*

3rd Shift	21.04 +1.00*	25.49 +1.00*	31.86 +1.00*	38.24 +2.00*	44.61 +2.50*	47.80 +2.50*
04/01/2025	1st	2nd	3rd	4th	5th	6th
1st Shift	\$ 16.34 +1.00*	\$ 19.80 +1.00*	\$ 24.75 +1.00*	\$ 29.70 +2.00*	\$ 34.65 +2.50*	\$ 37.13 +2.50*
2nd Shift	19.17 +1.00*	23.23 +1.00*	29.03 +1.00*	34.84 +2.00*	40.64 +2.50*	43.55 +2.50*
3rd Shift	21.47 +1.00*	26.02 +1.00*	32.52 +1.00*	39.03 +2.00*	45.53 +2.50*	48.79 +2.50*

\*For all hours paid straight or premium, not to be included in 3% calculation for supplemental benefits.

SUPPLEMENTAL BENEFITS per hour:

07/01/2023

1st term	\$ 16.28 plus 3% of straight or premium wage
2nd term	\$ 16.28 plus 3% of straight or premium wage
3rd term	\$ 18.28 plus 3% of straight or premium wage
4th term	\$ 18.78 plus 3% of straight or premium wage
5th term	\$ 20.28 plus 3% of straight or premium wage
6th term	\$ 20.28 plus 3% of straight or premium wage

09/01/2024

1st term	\$ 16.28 plus 3% of straight or premium wage
2nd term	\$ 17.78 plus 3% of straight or premium wage
3rd term	\$ 18.78 plus 3% of straight or premium wage
4th term	\$ 19.78 plus 3% of straight or premium wage
5th term	\$ 21.28 plus 3% of straight or premium wage
6th term	\$ 21.28 plus 3% of straight or premium wage

11-363/1

**Elevator Constructor**

**12/01/2023**

**JOB DESCRIPTION** Elevator Constructor

**DISTRICT 4**

**ENTIRE COUNTIES**

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk

**PARTIAL COUNTIES**

Rockland: Entire County except for the Township of Stony Point

Westchester: Entire County except for the Townships of Bedford, Lewisboro, Cortland, Mt. Kisco, North Salem, Pound Ridge, Somers and Yorktown.

**WAGES**

Per hour:

07/01/2023

Elevator Constructor \$ 77.49

Modernization &  
Service/Repair \$ 60.89

NOTE - The 'Employer Registration' (30.1) use of a '4 Day/10 Hour Work schedules' will no longer be accepted or processed. All registered projects prior to June 30,2023 will expire within the granted time frame.

For Pre-Registered Projects Four (4), Ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day. Tuesday thru Friday may be worked with no make-up day. For further clarification contact your local Bureau Office.

**SUPPLEMENTAL BENEFITS**

Per Hour:

Elevator Constructor \$ 45.574

Modernization &  
Service/Repairs 44.412

**OVERTIME PAY**

Constructor See ( D, M, T ) on OVERTIME PAGE.

Modern/Service See ( B, F, S ) on OVERTIME PAGE.

### HOLIDAY

Paid: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE  
Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

### REGISTERED APPRENTICES

WAGES PER HOUR:

\*Note: 1st, 2nd, 3rd Terms are based on Average wage of Constructor & Modernization.  
Terms 4 thru 9 Based on Journeyman's wage of classification Working in.

6 MONTH TERMS:

1st Term*	2nd & 3rd Term*	4th & 5th Term	6th & 7th Term	8th & 9th Term
50%	50%	55%	65%	75%

### SUPPLEMENTAL BENEFITS

Elevator Constructor

1st Term	\$ 0.00
2nd & 3rd Term	36.024
4th & 5th Term	36.943
6th & 7th Term	38.448
8th & 9th Term	39.953

Modernization &  
Service/Repair

1st Term	\$ 0.00
2nd & 3rd Term	35.694
4th & 5th Term	36.525
6th & 7th Term	37.948
8th & 9th Term	39.38

4-1

### Elevator Constructor

12/01/2023

**JOB DESCRIPTION** Elevator Constructor

**DISTRICT** 1

### ENTIRE COUNTIES

Columbia, Dutchess, Greene, Orange, Putnam, Sullivan, Ulster

### PARTIAL COUNTIES

Delaware: Towns of Andes, Bovina, Colchester, Davenport, Delhi, Harpersfield, Hemdon, Kortright, Meredith, Middletown, Roxbury, Hancock & Stamford

Rockland: Only the Township of Stony Point.

Westchester: Only the Townships of Bedford, Lewisboro, Cortland, Mt. Kisco, North Salem, Pound Ridge, Somers and Yorktown.

### WAGES

Per Hour	07/01/2023	01/01/2024
Mechanic	\$ 67.35	\$ 70.15
Helper	70% of Mechanic Wage Rate	70% of Mechanic Wage Rate

NOTE - The "Employer Registration" (30.1) use of a '4 Day/10 Hour Work schedules' will no longer be accepted or processed. All registered projects prior to June 30, 2023 will expire within the granted time frame.

For Pre-Registered Projects Four (4), Ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day. Tuesday thru Friday may be worked with no make-up day. For further clarification contact your local Bureau Office.

### SUPPLEMENTAL BENEFITS

Per hour	07/01/2023	01/01/2024
Journeyperson/Helper	\$ 37.335*	\$ 37.885*

(\*)Plus 6% of regular hourly if less than 5 years of service. Plus 8% of regular hourly rate if more than 5 years of service.

### OVERTIME PAY

See (D, O) on OVERTIME PAGE

### HOLIDAY

Paid: See (5, 6, 15, 16) on HOLIDAY PAGE

Overtime: See (5, 6, 15, 16) on HOLIDAY PAGE

Note: When a paid holiday falls on Saturday, it shall be observed on Friday. When a paid holiday falls on Sunday, it shall be observed on Monday.

### REGISTERED APPRENTICES

Wages per hour:

0-6 mo*	6-12 mo	2nd yr	3rd yr	4th yr
50 %	55 %	65 %	70 %	80 %

(\*)Plus 6% of the hourly rate, no additional supplemental benefits.

Supplemental Benefits per hour worked:

Same as Journeyperson/Helper

1-138

**Glazier**

**12/01/2023**

**JOB DESCRIPTION** Glazier

**DISTRICT 8**

### ENTIRE COUNTIES

Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

### WAGES

Per hour: 7/01/2023

Glazier & Glass Tinting \$ 61.64

\*Scaffolding 65.64

Window Film

\*\*Repair & Maintenance 30.76

\*Scaffolding includes swing scaffold, mechanical equipment, scissor jacks, man lifts, booms & buckets 30' or more, but not pipe scaffolding.

\*\*Repair & Maintenance- All repair & maintenance work on a particular building whenever performed, where the total cumulative Repair & Maintenance contract value is under \$184,000.

### SUPPLEMENTAL BENEFITS

Per hour: 7/01/2023

Glazier & Glass Tinting \$ 40.20

Window Film

Repair & Maintenance 23.19

### OVERTIME PAY

See (B, E, Q, V) on OVERTIME PAGE

For 'Repair & Maintenance' see (B, B2, I, S) on overtime page.

### HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (4, 6, 16, 25) on HOLIDAY PAGE

For 'Repair & Maintenance'

Paid: See(5, 6, 16, 25)

Overtime: See(5, 6, 16, 25)

### REGISTERED APPRENTICES

Wage per hour:

(1) year terms at the following wage rates:

7/01/2023

1st term \$ 21.93

2nd term 30.05

3rd term 39.95

4th term 48.97

Supplemental Benefits:

(Per hour)

1st term \$ 18.25

2nd term 25.97

3rd term 31.27

4th term 34.32

8-1087 (DC9 NYC)

**Insulator - Heat & Frost**

**12/01/2023**

**JOB DESCRIPTION** Insulator - Heat & Frost

**DISTRICT 8**

**ENTIRE COUNTIES**

Dutchess, Orange, Putnam, Rockland, Westchester

**WAGES**

Per hour:	07/01/2023	06/01/2024
Insulator	\$ 59.25	+ \$ 2.50
Discomfort & Additional Training**	62.31	+ \$ 2.50
Fire Stop Work*	31.77	+ \$ 2.50

\* Applies on all exclusive Fire Stop Work (When contract is for Fire Stop work only). No apprentices on these contracts only.

\*\*Applies to work requiring: garb or equipment worn against the body not customarily worn by insulators; psychological evaluation ;special training, including but not limited to "Yellow Badge" radiation training

Note: Additional \$0.50 per hour for work 30 feet or more above floor or ground level.

**SUPPLEMENTAL BENEFITS**

Per hour:

Journeyworker	\$ 37.35
Discomfort & Additional Training	39.39
Fire Stop Work: Journeyworker	19.03

**OVERTIME PAY**

See (B, E, E2, Q, \*T) on OVERTIME PAGE

**HOLIDAY**

Paid: See (1) on HOLIDAY PAGE

Note: Last working day preceding Christmas and New Years day, workers shall work no later than 12:00 noon and shall receive 8 hrs pay.

Overtime: See ( 2\*, 4, 6, 16, 25 ) on HOLIDAY PAGE.

\*Note: Labor Day triple time if worked.

**REGISTERED APPRENTICES**

(1) year terms:

Insulator Apprentices:

1st	2nd	3rd	4th
\$ 31.77	\$ 37.26	\$ 42.76	\$ 48.26

Discomfort & Additional Training Apprentices:

1st	2nd	3rd	4th
\$ 33.30	\$ 39.09	\$ 44.90	\$ 50.71

Supplemental Benefits paid per hour:

Insulator Apprentices:

1st term	\$ 19.03
2nd term	22.69
3rd term	26.36
4th term	30.03

Discomfort & Additional Training Apprentices:

1st term	\$ 20.06
2nd term	23.92
3rd term	27.78
4th term	31.66

**Ironworker**

**12/01/2023**

**JOB DESCRIPTION** Ironworker

**DISTRICT** 4

**ENTIRE COUNTIES**

Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

**PARTIAL COUNTIES**

Rockland: Southern section - south of Convent Road and east of Blue Hills Road.

**WAGES**

Per hour: 07/01/2023

Reinforcing &  
Metal Lathing \$ 56.95

"Base" Wage \$ 55.20  
plus \$ 1.75

"Base" Wage is used to calculate overtime hours only.

**SUPPLEMENTAL BENEFITS**

Per hour:  
Reinforcing & \$ 42.72  
Metal Lathing

**OVERTIME PAY**

See (B, E, Q, \*X) on OVERTIME PAGE

\*Only \$23.50 per Hour for non worked hours

Supplemental Benefit Premiums for Overtime Hours worked:

Time & One Half \$ 49.47  
Double Time \$ 56.22

**HOLIDAY**

Paid: See (1) on HOLIDAY PAGE  
Overtime: See (5, 6, 11, 13, \*18, \*\*19, 25) on HOLIDAY PAGE

\*Note: Work performed after first 4 Hours.

**REGISTERED APPRENTICES**

(1) year terms at the following wage rates:

1st term	2nd term	3rd term	4th Term
Wage Per Hour: \$ 22.55	\$ 28.38	\$ 34.68	\$ 37.18
"Base" Wage \$ 21.00	\$ 26.80	\$ 33.10	\$ 35.60
plus \$1.55	plus \$1.58	plus \$1.58	plus \$1.58

"Base" Wage is used to calculate overtime hours ONLY.

**SUPPLEMENTAL BENIFITS**

Per Hour:

1st term	2nd term	3rd term	4th Term
\$ 18.17	\$ 21.34	\$ 22.00	\$ 22.50

4-46Reinf

**Ironworker**

**12/01/2023**

**JOB DESCRIPTION** Ironworker

**DISTRICT** 11

**ENTIRE COUNTIES**

Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster

**WAGES**

Per hour:

07/01/2023	07/01/2024 Additional	07/01/2025 Additional	07/01/2026 Additional
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Structural	\$ 52.63	\$ 2.00*	\$ 2.00*	\$2.00*
Reinforcing*	52.63	2.00*	2.00*	2.00*
Ornamental	52.63	2.00*	2.00*	2.00*
Chain Link Fence	52.63	2.00*	2.00*	2.00*

\* To be allocated at a later date.

NOTE: For Reinforcing classification ONLY, Ironworker 4-46Reinf rates apply in Rockland County's southern section (south of Convent Road and east of Blue Hills Road).

On Government Mandated Irregular Work Days or Shift Work, the following wage will be paid:

1st Shift	\$ 52.63
2nd Shift	67.34
3rd Shift	72.24

\*\*Note- Any shift that works past 12:00 midnight shall receive the 3rd shift differential.

## SUPPLEMENTAL BENEFITS

Per hour:

Journeyman	\$ 43.47
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## OVERTIME PAY

See (B1, Q, V) on OVERTIME PAGE

## HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 16) on HOLIDAY PAGE

If a holiday falls on Saturday, it will be observed Friday. If a holiday falls on Sunday, it will be observed Monday.

## REGISTERED APPRENTICES

Wages:

(1) year terms at the following wage:

	1st yr	2nd yr	3rd yr	4th yr
1st Shift	\$ 26.32	\$ 31.58	\$ 36.85	\$ 42.10
2nd Shift	36.16	42.40	48.64	54.86
3rd Shift	39.45	46.00	52.57	59.12

Supplemental Benefits per hour:

1st year	\$ 37.35
2nd year	38.57
3rd year	39.80
4th year	41.02

11-417

## Laborer - Building

12/01/2023

**JOB DESCRIPTION** Laborer - Building

**DISTRICT** 11

## ENTIRE COUNTIES

Rockland

## WAGES

Class 1: Custodial and janitorial work, general cleanup, and flag person.

Class 2: Concrete laborer, mason tending, hod carrier, signal person, pressure blasting and washing, chainsaw, demo saw, jackhammers, general labor.

Class 3: Jumping jack, air track drills, grading, explosive handler and blaster, grade checker. When OSHA requires negative pressure respirator.

Class 4: Environmental work including but not limited to asbestos abatement, toxic and hazardous abatement, lead abatement work, mold remediation and biohazards.

WAGES: (per hour)	07/01/2023	06/01/2024 Additional	06/01/2025 Additional	06/01/2025 Additional
Class 1	\$ 41.48	\$ 2.51*	\$ 2.60*	\$ 2.69*
Class 2	44.59	2.62*	2.71*	2.81*
Class 3	45.72	2.66*	2.75*	2.85*
Class 4	46.91	2.70*	2.80*	2.89*

\*To be allocated at a later date.

SHIFT DIFFERENTIAL: On all Governmental mandated or irregular or off shift work, an additional 25% of the wage will be paid hourly.

NOTE: All work five feet or more outside the building foundation line shall be deemed Heavy & Highway

### SUPPLEMENTAL BENEFITS

Per Hour:

Journeyman	\$ 29.50
Shift Differential	\$ 36.37

### OVERTIME PAY

See (B, \*E, E5, \*\*Q) on OVERTIME PAGE

\*For first 8 hours on Saturday

\*\*When an employee is required to work on a holiday which falls on a Sunday the employee shall be paid three (3) times the hourly rate and one (1) hour benefits for every hour worked. When an employee is required to work on a holiday which falls on a Saturday the employee shall be paid two and a half (2.5) times the hourly rate and one hour benefits for every hour worked.

### HOLIDAY

Paid: See ( 1 ) on HOLIDAY PAGE.

Overtime: See ( 5, 6, 16, 25 ) on HOLIDAY PAGE.

### REGISTERED APPRENTICES

(1000) hour terms at the following wages.

	07/01/2023	06/01/2024
1st term	\$ 27.05	\$ 28.05
2nd term	31.25	32.35
3rd term	35.40	36.70
4th term	39.55	41.00

Supplemental Benefits per hour:

All Terms Regular	\$ 28.50	\$ 29.40
All Terms Shift Rate	35.12	TBD

11-754B

### Laborer - Heavy&Highway

12/01/2023

**JOB DESCRIPTION** Laborer - Heavy&Highway

**DISTRICT** 11

### ENTIRE COUNTIES

Rockland

### WAGES

CLASS 1: Flagperson, gateperson.

CLASS 2: General laborer, chuck tender, nipper, powder carrier, magazine tender, concrete men, vibrator men, mason tender, mortar men, traffic control, custodial work, temporary heat, pump men, pit men, dump men, asphalt men, joint setter, signalman, pipe men, riprap, dry stone layers, jack hammer, bush hammer, pavement breaker, men on mulching & seeding machines, all seeding & sod laying, landscape work, walk behind self-propelled power saws, grinder, walk behind rollers and tampers of all types, burner men, filling and wiring of baskets for gabion walls, chain saw operator, railroad track laborers, power buggy, power brush cutter, retention liners, walk behind surface planer, chipping hammer, manhole, catch basin or inlet installing, mortar mixer, laser men. \*Micropaving and crack sealing.

CLASS 3: Asbestos, toxic, bio-remediation and phyto-remediation, lead or hazardous materials abatement when certification or license is required, Drilling Equipment Only Where a Separate Air Compressor Unit Supplies Power.

CLASS 4: Asphalt screedman, blaster, all laborers involved in pipejacking and boring operations not exceeding more than 10 feet into pipe, boring or drilled area.

WAGES: (per hour)	07/01/2023	06/01/2024
		Additional
Class 1	\$ 43.75	\$ 2.25**
Class 2	47.35	2.35**
Class 3	51.65	2.45**
Class 4	55.05	4.10**

\* When laborers are performing micro paving, crack sealing or slurry application when not part of asphalt prep operations laborers shall receive an additional \$2.50 per hour over rate.

\*\* To be allocated at a later date.

SHIFT DIFFERENTIAL: Night work and irregular shift require 20% increase on wages for all Government mandated night and irregular shift work.

NOTE - The 'Employer Registration' (30.1) use of a '4 Day/10 Hour Work schedules' will no longer be accepted or processed. All registered projects prior to June 30,2023 will expire within the granted time frame.

For Pre-Registered Projects Four (4), Ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day. Tuesday thru Friday may be worked with no make-up day. For further clarification contact your local Bureau Office.

### SUPPLEMENTAL BENEFITS

Per hour:

Journeyman	\$ 29.38
Shift Differential	34.87

### OVERTIME PAY

See (B, E, P, \*R, \*\*S, \*\*\*T, X) on OVERTIME PAGE

\*For Mon-Fri Holidays, Double Benefits to be paid for all hours worked.

\*\*For Saturday Holidays, Two and one Half Benefits for all hours worked.

\*\*\*For Sunday Holidays, Triple Benefits for all hours worked.

### HOLIDAY

Paid: See (5, 6, 15, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 15, 25) on HOLIDAY PAGE

To be eligible for a paid holiday, an employee must work at least two (2) days in the calendar week or payroll week in which the holiday falls.

### REGISTERED APPRENTICES

(1000) hour terms at the following wages.

	07/01/2023	06/01/2024
1st term	\$ 27.05	\$ 28.05
2nd term	31.25	32.35
3rd term	35.40	36.70
4th term	39.55	41.00

Supplemental Benefits per hour:

All Terms Regular	\$ 28.50	\$ 29.40
All Terms Shift Rate	33.79	TBD

11-754H/H

### Laborer - Tunnel

12/01/2023

**JOB DESCRIPTION** Laborer - Tunnel

**DISTRICT** 11

### ENTIRE COUNTIES

Columbia, Dutchess, Greene, Orange, Otsego, Putnam, Rockland, Sullivan, Ulster, Westchester

### PARTIAL COUNTIES

Chenango: Townships of Columbus, Sherburne and New Berlin.

Delaware: Townships of Andes, Bovina, Middletown, Roxbury, Franklin, Hamden, Stamford, Delhi, Kortright, Harpersfield, Merideth and Davenport.

### WAGES

Class 1: All support laborers/sandhogs working above the shaft or tunnel.

Class 2: All laborers/sandhogs working in the shaft or tunnel.

Class 4: Safety Miners

Class 5: Site work related to Shaft/Tunnel

WAGES: (per hour)

	07/01/2023	06/01/2024	06/01/2025
Class 1	\$ 55.55	\$ 57.05	\$ 58.55
Class 2	57.70	59.20	60.70
Class 4	64.10	65.60	67.10
Class 5	47.65	49.90	51.40

Toxic and hazardous waste, lead abatement and asbestos abatement work will be paid an additional \$ 3.00 an hour.

SHIFT DIFFERENTIAL...On all Government mandated irregular shift work:

- Employee shall be paid at time and one half the regular rate Monday through Friday.
- Saturday shall be paid at 1.65 times the regular rate.

- Sunday shall be paid at 2.15 times the regular rate.

### SUPPLEMENTAL BENEFITS

Per hour:

Benefit 1	\$ 35.73	\$ 36.98	\$ 38.23
Benefit 2	51.01	TBD	TBD
Benefit 3	71.28	TBD	TBD

Benefit 1 applies to straight time hours, paid holidays not worked.

Benefit 2 applies to over 8 hours in a day (M-F), irregular shift work hours worked, and Saturday hours worked.

Benefit 3 applies to Sunday and Holiday hours worked.

### OVERTIME PAY

See (B, E, Q, X) on OVERTIME PAGE

### HOLIDAY

Paid: See (5, 6, 15, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 15, 16, 25) on HOLIDAY PAGE

When a recognized Holidays falls on Saturday or Sunday, holidays falling on Saturday shall be recognized or observed on Friday and holidays falling on Sunday shall be recognized or observed on Monday. Employees ordered to work on the Saturday or Sunday of the holiday or on the recognized or the observed Friday or Monday for those holidays falling on Saturday or Sunday shall receive double time the established rate and benefits for the holiday.

### REGISTERED APPRENTICES

FOR APPRENTICE RATES, refer to the appropriate Laborer Heavy & Highway wage rate contained in the wage schedule for the County and location where the work is to be performed.

11-17/60/235/754Tun

## Lineman Electrician

12/01/2023

### JOB DESCRIPTION Lineman Electrician

### DISTRICT 6

#### ENTIRE COUNTIES

Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Wyoming, Yates

#### WAGES

A Lineman/Technician shall perform all overhead aerial work. A Lineman/Technician on the ground will install all electrical panels, connect all grounds, install and connect all electrical conductors, assembly of all electrical materials, conduit, pipe, or raceway; placing of fish wire; pulling of cables, wires or fiber optic cable through such raceways; splicing of conductors; dismantling of such structures, lines or equipment.

A Groundman/Truck Driver shall: Build and set concrete forms, handle steel mesh, set footer cages, transport concrete in a wheelbarrow, hand or machine concrete vibrator, finish concrete footers, mix mortar, grout pole bases, cover and maintain footers while curing in cold weather, operate jack hammer, operate hand pavement breaker, tamper, concrete and other motorized saws, as a drill helper, operate and maintain generators, water pumps, chainsaws, sand blasting, operate mulching and seeding machine, air tools, electric tools, gas tools, load and unload materials, hand shovel and/or broom, prepare and pour mastic and other fillers, assist digger operator/equipment operator in ground excavation and restoration, landscape work and painting. Only when assisting a lineman technician, a groundman/truck driver may assist in installing conduit, pipe, cables and equipment.

NOTE: Includes Teledata Work within ten (10) feet of High Voltage Transmission Lines. Also includes digging of holes for poles, anchors, footer, and foundations for electrical equipment.

Below rates applicable on all overhead and underground distribution and maintenance work, and all overhead and underground transmission line work and the installation of fiber optic cable where no other construction trades are or have been involved. (Ref #14.01.01)

Per hour:	07/01/2023	05/06/2024
Lineman, Technician	\$ 57.40	\$ 58.90
Crane, Crawler Backhoe	57.40	58.90
Welder, Cable Splicer	57.40	58.90
Digging Mach. Operator	51.66	53.01
Tractor Trailer Driver	48.79	50.07
Groundman, Truck Driver	45.92	47.12
Equipment Mechanic	45.92	47.12
Flagman	34.44	35.34

Additional \$1.00 per hour for entire crew when a helicopter is used.

Below rates applicable on all electrical sub-stations, switching structures, fiber optic cable and all other work not defined as "Utility outside electrical work". (Ref #14.02.01-A)

Lineman, Technician	\$ 57.40	\$ 58.90
Crane, Crawler Backhoe	57.40	58.90
Cable Splicer	63.14	64.79
Certified Welder, Pipe Type Cable	60.27	61.85
Digging Mach. Operator	51.66	53.01
Tractor Trailer Driver	48.79	50.07
Groundman, Truck Driver	45.92	47.12
Equipment Mechanic	45.92	47.12
Flagman	34.44	35.34

Additional \$1.00 per hour for entire crew when a helicopter is used.

Below rates apply on switching structures, maintenance projects, railroad catenary install/maintenance third rail installation, bonding of rails and pipe type cable and installation of fiber optic cable. (Ref #14.02.01-B)

Lineman, Tech, Welder	\$ 58.72	\$ 60.22
Crane, Crawler Backhoe	58.72	60.22
Cable Splicer	64.59	66.24
Certified Welder, Pipe Type Cable	61.66	63.23
Digging Mach. Operator	52.85	54.20
Tractor Trailer Driver	49.91	51.19
Groundman, Truck Driver	46.98	48.18
Equipment Mechanic	46.98	48.18
Flagman	35.23	36.13

Additional \$1.00 per hour for entire crew when a helicopter is used.

Below rates applicable on all overhead and underground transmission line work & fiber optic cable where other construction trades are or have been involved. This applies to transmission line work only, not other construction. (Ref #14.03.01)

Lineman, Tech, Welder	\$ 59.91	\$ 61.41
Crane, Crawler Backhoe	59.91	61.41
Cable Splicer	59.91	61.41
Digging Mach. Operator	53.92	55.27
Tractor Trailer Driver	50.92	52.20
Groundman, Truck Driver	47.93	49.13
Equipment Mechanic	47.93	49.13
Flagman	35.95	36.85

Additional \$1.00 per hour for entire crew when a helicopter is used.

NOTE: THE FOLLOWING RATES WILL APPLY ON ALL CONTRACTING AGENCY MANDATED MULTIPLE SHIFTS OF AT LEAST FIVE (5) DAYS DURATION WORKED BETWEEN THE HOURS LISTED BELOW:

1ST SHIFT	8:00 AM to 4:30 PM REGULAR RATE
2ND SHIFT	4:30 PM to 1:00 AM REGULAR RATE PLUS 17.3 %
3RD SHIFT	12:30 AM to 9:00 AM REGULAR RATE PLUS 31.4 %

NOTE - The "Employer Registration" (30.1) use of a '4 Day/10 Hour Work schedules' will no longer be accepted or processed. All registered projects prior to June 30, 2023 will expire within the granted time frame.

For Pre-Registered Projects Four (4), Ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day. Tuesday thru Friday may be worked with no make-up day. For further clarification contact your local Bureau Office.

## SUPPLEMENTAL BENEFITS

Per hour:

	07/01/2023	05/06/2024
Lineman, Technician, or Equipment Operators with Crane License	\$ 29.40 *plus 7% of the hourly	\$ 30.90 *plus 7% of the hourly

	wage paid	wage paid
All other	\$ 26.40	\$ 26.90
Journeyman	*plus 7% of the hourly wage paid	*plus 7% of the hourly wage paid

\*The 7% is based on the hourly wage paid, straight time or premium time.

#### OVERTIME PAY

See (B, E, Q, X) on OVERTIME PAGE. \*Note\* Double time for all emergency work designated by the Dept. of Jurisdiction.

NOTE: WAGE CAP - Double the straight time hourly base wage shall be the maximum hourly wage compensation for any hour worked. Contractor is still responsible to pay the hourly benefit amount for each hour worked.

#### HOLIDAY

Paid	See ( 5, 6, 8, 13, 25 ) on HOLIDAY PAGE plus Governor of NYS Election Day.
Overtime	See ( 5, 6, 8, 13, 25 ) on HOLIDAY PAGE plus Governor of NYS Election Day.

NOTE: All paid holidays falling on Saturday shall be observed on the preceding Friday. All paid holidays falling on Sunday shall be observed on the following Monday. Supplements for holidays paid at straight time.

#### REGISTERED APPRENTICES

WAGES per hour: 1000 hour terms at the following percentage of the applicable Journeyman Lineman wage.

1st	2nd	3rd	4th	5th	6th	7th
60%	65%	70%	75%	80%	85%	90%

SUPPLEMENTAL BENEFITS per hour:

07/01/2023	05/06/2024
\$ 26.40	\$ 26.90
*plus 7% of the hourly wage paid	*plus 7% of the hourly wage paid

\*The 7% is based on the hourly wage paid, straight time or premium time.

6-1249a

#### Lineman Electrician - Teledata

12/01/2023

#### JOB DESCRIPTION Lineman Electrician - Teledata

#### DISTRICT 6

#### ENTIRE COUNTIES

Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

#### WAGES

Per hour:

For outside work, stopping at first point of attachment (demarcation).

	07/01/2023	01/01/2024	01/01/2025
Cable Splicer	\$ 37.73	\$ 39.24	\$ 40.81
Installer, Repairman	\$ 35.81	\$ 37.24	\$ 38.73
Teledata Lineman	\$ 35.81	\$ 37.24	\$ 38.73
Tech., Equip. Operator	\$ 35.81	\$ 37.24	\$ 38.73
Groundman	\$ 18.98	\$ 19.74	\$ 20.53

NOTE: EXCLUDES Teledata work within ten (10) feet of High Voltage (600 volts and over) transmission lines. For this work please see LINEMAN.

NOTE: THE FOLLOWING RATES WILL APPLY ON ALL CONTRACTING AGENCY MANDATED MULTIPLE SHIFTS OF AT LEAST FIVE (5) DAYS DURATION WORKED:

1ST SHIFT	REGULAR RATE
2ND SHIFT	REGULAR RATE PLUS 10%
3RD SHIFT	REGULAR RATE PLUS 15%

#### SUPPLEMENTAL BENEFITS

Per hour:	07/01/2023	01/01/2024	01/01/2025
Journeyman	\$ 5.70 *plus 3% of the hourly wage paid	\$ 5.70 *plus 3% of the hourly wage paid	\$ 5.70 *plus 3% of the hourly wage paid

\*The 3% is based on the hourly wage paid, straight time rate or premium rate.

#### OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

NOTE: WAGE CAP - Double the straight time hourly base wage shall be the maximum hourly wage compensation for any hour worked.

Contractor is still responsible to pay the hourly benefit amount for each hour worked.

#### HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 16) on HOLIDAY PAGE

6-1249LT - Teledata

### Lineman Electrician - Traffic Signal, Lighting 12/01/2023

**JOB DESCRIPTION** Lineman Electrician - Traffic Signal, Lighting

**DISTRICT** 6

#### ENTIRE COUNTIES

Columbia, Dutchess, Orange, Putnam, Rockland, Ulster

#### WAGES

Lineman/Technician shall perform all overhead aerial work. A Lineman/Technician on the ground will install all electrical panels, connect all grounds, install and connect all electrical conductors which includes, but is not limited to road loop wires; conduit and plastic or other type pipes that carry conductors, flex cables and connectors, and to oversee the encasement or burial of such conduits or pipes.

A Groundman/Truck Driver shall: Build and set concrete forms, handle steel mesh, set footer cages, transport concrete in a wheelbarrow, hand or machine concrete vibrator, finish concrete footers, mix mortar, grout pole bases, cover and maintain footers while curing in cold weather, operate jack hammer, operate hand pavement breaker, tamper, concrete and other motorized saws, as a drill helper, operate and maintain generators, water pumps, chainsaws, sand blasting, operate mulching and seeding machine, air tools, electric tools, gas tools, load and unload materials, hand shovel and/or broom, prepare and pour mastic and other fillers, assist digger operator/equipment operator in ground excavation and restoration, landscape work and painting. Only when assisting a lineman technician, a groundman/truck driver may assist in installing conduit, pipe, cables and equipment.

A flagger's duties shall consist of traffic control only.  
(Ref #14.01.02)

Per hour:	07/01/2023	05/06/2024
Lineman, Technician	\$ 50.60	\$ 51.82
Crane, Crawler Backhoe	50.60	51.82
Certified Welder	53.13	54.41
Digging Machine	45.54	46.64
Tractor Trailer Driver	43.01	44.05
Groundman, Truck Driver	40.48	41.46
Equipment Mechanic	40.48	41.46
Flagman	30.36	31.09

Above rates are applicable for installation, testing, operation, maintenance and repair on all Traffic Control (Signal) and Illumination (Lighting) projects, Traffic Monitoring Systems, and Road Weather Information Systems. Includes digging of holes for poles, anchors, footer foundations for electrical equipment; assembly of all electrical materials or raceway; placing of fish wire; pulling of cables, wires or fiber optic cable through such raceways; splicing of conductors; dismantling of such structures, lines or equipment.

NOTE: THE FOLLOWING RATES WILL APPLY ON ALL CONTRACTING AGENCY MANDATED MULTIPLE SHIFTS OF AT LEAST FIVE (5) DAYS DURATION WORKED BETWEEN THE HOURS LISTED BELOW:

1ST SHIFT	8:00 AM TO 4:30 PM REGULAR RATE
2ND SHIFT	4:30 PM TO 1:00 AM REGULAR RATE PLUS 17.3%
3RD SHIFT	12:30 AM TO 9:00 AM REGULAR RATE PLUS 31.4%

NOTE - The "Employer Registration" (30.1) use of a '4 Day/10 Hour Work schedules' will no longer be accepted or processed. All registered projects prior to June 30, 2023 will expire within the granted time frame.

For Pre-Registered Projects Four (4), Ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day. Tuesday thru Friday may be worked with no make-up day. For further clarification contact your local Bureau Office.

### SUPPLEMENTAL BENEFITS

Per hour worked (but also required on non-worked holidays):

	07/01/2023	05/06/2024
Lineman, Technician, or Equipment Operators with Crane License	\$ 29.40 *plus 7% of the hourly wage paid	\$ 30.90 *plus 7% of the hourly wage paid
All other Journeyman	\$ 26.40 *plus 7% of the hourly wage paid	\$ 26.90 *plus 7% of the hourly wage paid

\*The 7% is based on the hourly wage paid, straight time or premium time.

### OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE. \*Note\* Double time for all emergency work designated by the Dept. of Jurisdiction.

NOTE: WAGE CAP - Double the straight time hourly base wage shall be the maximum hourly wage compensation for any hour worked.

Contractor is still responsible to pay the hourly benefit amount for each hour worked.

### HOLIDAY

Paid: See ( 5, 6, 8, 13, 25 ) on HOLIDAY PAGE and Governor of NYS Election Day.

Overtime: See ( 5, 6, 8, 13, 25 ) on HOLIDAY PAGE and Governor of NYS Election Day.

NOTE: All paid holidays falling on Saturday shall be observed on the preceding Friday. All paid holidays falling on Sunday shall be observed on the following Monday. Supplements for holidays paid at straight time.

### REGISTERED APPRENTICES

WAGES per hour: 1000 hour terms at the following percentage of the applicable Journeyman Lineman wage.

1st	2nd	3rd	4th	5th	6th	7th
60%	65%	70%	75%	80%	85%	90%

SUPPLEMENTAL BENEFITS per hour:

	07/01/2023	05/06/2024
	\$ 26.40 *plus 7% of the hourly wage paid	\$ 26.90 *plus 7% of the hourly wage paid

\*The 7% is based on the hourly wage paid, straight time or premium time.

6-1249aReg8LT

### Lineman Electrician - Tree Trimmer

12/01/2023

**JOB DESCRIPTION** Lineman Electrician - Tree Trimmer

**DISTRICT** 6

### ENTIRE COUNTIES

Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Wyoming, Yates

### WAGES

Applies to line clearance, tree work and right-of-way preparation on all new or existing energized overhead or underground electrical, telephone and CATV lines. This also would include stump removal near underground energized electrical lines, including telephone and CATV lines.

Per hour:	07/01/2023	12/31/2023
Tree Trimmer	\$ 29.80	\$ 31.44
Equipment Operator	26.35	27.80
Equipment Mechanic	26.35	27.80
Truck Driver	21.95	23.15
Groundman	18.07	19.07

Flag person	14.20	14.20*
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\*NOTE- Rate effective on 01/01/2024 - \$15.00 due to minimum wage increase

#### SUPPLEMENTAL BENEFITS

Per hour:

	07/01/2023	12/31/2023
Journeyman	\$ 10.48	\$ 10.48
	*plus 4.5% of the hourly wage paid	*plus 4.5% of the hourly wage paid

\* The 3% is based on the hourly wage paid, straight time rate or premium rate.

#### OVERTIME PAY

See (B, E, Q, X) on OVERTIME PAGE

NOTE: WAGE CAP - Double the straight time hourly base wage shall be the maximum hourly wage compensation for any hour worked.  
Contractor is still responsible to pay the hourly benefit amount for each hour worked.

#### HOLIDAY

Paid: See (5, 6, 8, 15) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 15, 16, 25) on HOLIDAY PAGE

NOTE: All paid holidays falling on a Saturday shall be observed on the preceding Friday.

All paid holidays falling on a Sunday shall be observed on the following Monday.

6-1249TT

<b>Mason - Building</b>	<b>12/01/2023</b>
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**JOB DESCRIPTION** Mason - Building

**DISTRICT** 9

#### ENTIRE COUNTIES

Nassau, Rockland, Suffolk, Westchester

#### WAGES

Per hour:	07/01/2023	12/04/2023	06/03/2024
Tile Finisher	\$ 48.36	\$ 48.80	Additional \$ 0.59

#### SUPPLEMENTAL BENEFITS

Per Hour:	\$ 22.56*	\$ 22.71*
	+ \$9.86	+ \$9.86

\*This portion of benefits subject to same premium rate as shown for overtime wages

#### OVERTIME PAY

See (B, E, Q, \*V) on OVERTIME PAGE

\*Work beyond 10 hours on a Saturday shall be paid at double the hourly wage rate.

#### HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

9-7/88A-tf

<b>Mason - Building</b>	<b>12/01/2023</b>
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**JOB DESCRIPTION** Mason - Building

**DISTRICT** 9

#### ENTIRE COUNTIES

Nassau, Rockland, Suffolk, Westchester

#### WAGES

Per hour:	07/01/2023	12/04/2023	06/05/2024
Tile Setters	\$ 62.98	\$ 63.50	Additional \$ 0.72

#### SUPPLEMENTAL BENEFITS

Per Hour:	\$ 25.61*	\$25.81*
	+ \$10.04	+ \$10.04

\* This portion of benefits subject to same premium rate as shown for overtime wages.

### OVERTIME PAY

See (B, E, Q, V) on OVERTIME PAGE

Work beyond 10 hours on Saturday shall be paid at double the hourly wage rate.

### HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 11, 15, 16, 25) on HOLIDAY PAGE

### REGISTERED APPRENTICES

Wage per hour:

(750 hour) term at the following wage rate:

Term:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
1-750	751-1500	1501-2250	2251-3000	3001-3750	3751-4500	4501-5250	5251-6000	6001-6750	6501-7000
07/01/2023									
\$21.70	\$26.66	\$33.75	\$38.69	\$42.25	\$45.70	\$49.29	\$54.23	\$57.09	\$61.25
12/04/2023									
\$21.96	\$26.95	\$34.10	\$39.08	\$42.68	\$46.16	\$49.79	\$54.77	57.66	\$61.90

Supplemental Benefits per hour:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
07/01/2023									
\$12.55*	\$12.55*	\$15.36*	\$15.36*	\$16.36*	\$17.86*	\$18.86*	\$18.86*	\$16.86*	\$22.11*
+\$0.73	+\$0.78	+\$0.88	+\$0.88	+\$1.37	+\$1.42	+\$1.83	+\$1.88	+\$6.03	+\$6.61
12/04/2023									
\$12.55*	\$12.55*	\$15.63*	\$15.36*	\$16.36*	\$17.86*	\$18.86*	\$18.86*	\$16.86*	\$22.11*
+\$0.73	+\$0.78	+\$0.89	+\$0.94	+\$1.38	+\$1.43	+\$1.84	+\$1.89	+\$6.04	+\$6.62

\* This portion of benefits subject to same premium rate as shown for overtime wages.

9-7/52A

## Mason - Building

12/01/2023

**JOB DESCRIPTION** Mason - Building

**DISTRICT** 11

### ENTIRE COUNTIES

Putnam, Rockland, Westchester

### PARTIAL COUNTIES

Orange: Only the Township of Tuxedo.

### WAGES

Per hour:

07/01/2023

Bricklayer	\$ 45.89
Cement Mason	45.89
Plasterer/Stone Mason	45.89
Pointer/Caulker	45.89

Additional \$1.00 per hour for power saw work

Additional \$0.50 per hour for swing scaffold or staging work

SHIFT WORK: When shift work or an irregular workday is mandated or required by state, federal, county, local or other governmental agency contracts, the following premiums apply:

Irregular workday requires 15% premium

Second shift an additional 15% of wage plus benefits to be paid

Third shift an additional 25% of wage plus benefits to be paid

### SUPPLEMENTAL BENEFITS

Per hour:

Journeyman	\$ 37.95
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## OVERTIME PAY

### OVERTIME:

Cement Mason See ( B, E, Q, W ) on OVERTIME PAGE.

All Others See ( B, E, Q ) on OVERTIME PAGE.

## HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

Whenever any of the above holidays fall on Sunday, they will be observed on Monday. Whenever any of the above holidays fall on Saturday, they will be observed on Friday.

## REGISTERED APPRENTICES

Wages per hour:

750 hour terms at the following percentage of Journeyman's wage

1st	2nd	3rd	4th	5th	6th	7th	8th
50%	55%	60%	65%	70%	75%	80%	85%

Supplemental Benefits per hour

750 hour terms at the following percentage of journeyman supplements

1st	2nd	3rd	4th	5th	6th	7th	8th
50%	55%	60%	65%	70%	75%	80%	85%

Apprentices indentured before June 1st, 2011 receive full journeyman benefits

11-5wp-b

## Mason - Building

12/01/2023

**JOB DESCRIPTION** Mason - Building

**DISTRICT** 9

### ENTIRE COUNTIES

Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Westchester

### WAGES

Per Hour:

07/01/2023 7/03/2023

Marble Cutters & Setters \$ 62.82 \$ 63.12

### SUPPLEMENTAL BENEFITS

Per Hour:

Journeyworker \$ 39.03 \$ 39.34

### OVERTIME PAY

See (B, E, Q, V) on OVERTIME PAGE

### HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 11, 15, 16, 25) on HOLIDAY PAGE

## REGISTERED APPRENTICES

Wage Per Hour:

07/01/2023

750 hour terms at the following wage

1st	2nd	3rd	4th	5th	6th	7th	8th
0- 3000	3001- 3750	3751- 4500	4501- 5250	5251- 6000	6001- 6750	6751- 7500	7500+
\$ 26.42	\$ 39.62	\$ 42.91	\$ 46.22	\$ 49.52	\$ 53.38	\$ 59.67	\$ 62.82

Supplemental Benefits per hour:

07/01/2023

1st	2nd	3rd	4th	5th	6th	7th	8th
\$ 25.38	\$ 28.86	\$ 29.74	\$ 30.60	\$ 31.48	\$ 36.44	\$ 38.17	\$ 39.03

07/03/2023

Wage Per Hour:

750 hour terms at the following wage.

1st	2nd	3rd	4th	5th	6th	7th	8th
0-3000	3001-3750	3751-4500	4501-5250	5251-6000	6001-6750	6751-7500	7500+
\$ 26.60	\$ 39.82	\$ 43.13	\$ 46.45	\$ 49.78	\$ 53.64	\$ 59.95	\$ 63.12

Supplemental Benefits Per Hour:

1st	2nd	3rd	4th	5th	6th	7th	8th
\$ 25.54	\$ 29.09	\$ 29.97	\$ 30.84	\$ 31.72	\$ 36.73	\$ 38.48	\$ 39.34

9-7/4

## Mason - Heavy&Highway

12/01/2023

**JOB DESCRIPTION** Mason - Heavy&Highway

**DISTRICT** 11

### ENTIRE COUNTIES

Putnam, Rockland, Westchester

### PARTIAL COUNTIES

Orange: Only the Township of Tuxedo.

### WAGES

Per hour:

07/01/2023

Bricklayer	\$ 46.39
Cement Mason	46.39
Marble/Stone Mason	46.39
Plasterer	46.39
Pointer/Caulker	46.39

Additional \$1.00 per hour for power saw work

Additional \$0.50 per hour for swing scaffold or staging work

SHIFT WORK: When shift work or an irregular workday is mandated or required by state, federal, county, local or other governmental contracts, the following rates apply:

Irregular workday requires 15% premium

Second shift an additional 15% of wage plus benefits to be paid

Third shift an additional 25% of wage plus benefits to be paid

### SUPPLEMENTAL BENEFITS

Per hour:

Journeyman	\$ 37.95
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### OVERTIME PAY

Cement Mason See ( B, E, Q, W )

All Others See ( B, E, Q, )

### HOLIDAY

Paid: See (5, 6, 16, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 16, 25) on HOLIDAY PAGE

- Whenever any of the above holidays fall on Sunday, they will be observed on Monday. Whenever any of the above holidays fall on Saturday, they will be observed on Friday.

- Supplemental Benefits are not paid for paid Holiday

- If Holiday is worked, Supplemental Benefits are paid for hours worked.

- Whenever an Employee works within three (3) calendar days before a holiday, the Employee shall be paid for the Holiday.

### REGISTERED APPRENTICES

Wages per hour:

750 hour terms at the following percentage of Journeyman's wage

1st	2nd	3rd	4th	5th	6th	7th	8th
50%	55%	60%	65%	70%	75%	80%	85%

Supplemental Benefits per hour

750 hour terms at the following percentage of journeyman supplements

1st	2nd	3rd	4th	5th	6th	7th	8th
50%	55%	60%	65%	70%	75%	80%	85%

Apprentices indentured before June 1st, 2011 receive full journeyman benefits

11-5WP-H/H

**Operating Engineer - Building / Heavy&Highway**

**12/01/2023**

**JOB DESCRIPTION** Operating Engineer - Building / Heavy&Highway

**DISTRICT** 11

**ENTIRE COUNTIES**

Delaware, Orange, Rockland, Sullivan, Ulster

**WAGES**

CLASS A5: Cranes, Derricks and Pile Drivers 100 tons or more and Tower Cranes, with 140ft boom and over.

CLASS A4: Cranes, Derricks and Pile Drivers 100 tons or more and Tower Cranes, with 100ft to 139ft boom.

CLASS A3: Cranes, Derricks and Pile Drivers 100 tons or more and Tower Cranes with a boom under 100ft.

CLASS A2: Cranes, Derricks and Pile Drivers less than 100 tons with 140ft boom and over.

CLASS A1: Cranes, Derricks and Pile Drivers less than 100 tons with a 100ft to 139ft boom.

CLASS A: Cranes, Derricks and Pile Drivers less than 100 tons with a boom under 100ft.; Autograde Combination Subgrader, Base Material Spreader and Base Trimmer (CMI and Similar Types); Autograde Pavement profiler (CMI and Similar Types); Autograde Pavement Profiler and Recycle type (CMI and Similar Type); Autograde Placer-Trimmed-Spreader Comb. (CMI & Similar types); Autograde Slipform Paver (CMI & Similar Types); Central Power Plants (all types); Chief of Party; Concrete Paving Machines; Drill (Bauer, AMI and Similar Types); Drillmaster, Quarrymaster (Down the Hole Drill), Rotary Drill, Self-Propelled Hydraulic Drill, Self-Powered Drill; Draglines; Elevator Graders; Excavator; Front End Loaders (5 yds. and over); Gradalls; Grader-Rago; Helicopters (Co-Pilot); Helicopters (Communications Engineer); Juntann Pile Driver; Locomotive (Large); Mucking Machines; Pavement & Concrete Breaker, i.e., Superhammer & Hoe Ram; Roadway Surface Grinder; Prentice Truck; Scooper (Loader and Shovel); Shovels; Tree Chopper with Boom; Trench Machines (Cable Plow); Tunnel Boring Machine; Vacuum Truck

CLASS B: "A" Frame; Backhoe (Combination); Boom Attachment on Loaders (Rate based on size of Bucket) not applicable to Pipehook; Boring and Drilling Machines; Brush Chopper, Shredder and Tree Shredder, Tree Shearer; Bulldozer(Fine Grade); Cableways; Carryalls; Concrete Pump; Concrete Pumping System, Pump Concrete and Similar Types; Conveyors (125 ft. and over); Drill Doctor (duties incl. Dust Collector Maintenance); Front End Loaders (2 yds. but less than 5 yds.); Graders (Finish); Groove Cutting Machine (Ride on Type); Heater Planer; Hoists (all type Hoists, shall also include Steam, Gas, Diesel, Electric, Air Hydraulic, Single and Double Drum, Concrete, Brick Shaft Caisson, Snorkel Roof, and/or any other Similar Type Hoisting Machines, portable or stationary, except Chicago Boom Type); Long Boom Rate to be applied if Hoist is "Outside Material Tower Hoist"\*\*\*; Hydraulic Cranes-10 tons and under; Hydraulic Dredge; Hydro-Axe; Hydro Blaster; Jacks-Screw Air Hydraulic Power Operated Unit or Console Type (not hand Jack or Pile Load Test Type); Log Skidder; Pans; Pavers (all) concrete; Plate and Frame Filter Press; Pumpcrete Machines, Squeezcrete & Concrete Pumping (regardless of size); Scrapers; Side Booms; "Straddle"Carrier-Ross and similar types; Winch Trucks (Hoisting); Whip Hammer

CLASS C: Asphalt Curbing Machine; Asphalt Plant Engineer; Asphalt Spreader; Autograde Tube Finisher and Texturing Machine (CMI & Similar types); Autograde Curecrete Machine (CMI & Similar Types); Autograde Curb Trimmer & Sidewalk, Shoulder, Slipform (CMI & Similar Types); Bar Bending Machines (Power); Barrier Moving Machine-Zipper; Batchers, Batching Plant and Crusher on Site; Belt Conveyor Systems; Boom Type Skimmer Machines; Bridge Deck Finisher; Bulldozer(except fine grade); Car Dumpers (Railroad); Compressor and Blower Type Units (used independently or mounted on dual purpose Trucks, on Job Site or in conjunction with jobsite, in Loading and Unloading of Concrete, Cement, Fly Ash, Instantcrete, or Similar Type Materials); Compressors (2 or 3 in Battery); Concrete Finishing Machines; Concrete cleaning decontamination machine operator; Concrete Saws and Cutters (Ride-on type); Concrete Spreaders (Hetzl, Rexomatic and Similar Types); Concrete Vibrators; Conveyors (under 125 feet); Crushing Machines; Directional Boring Machines; Ditching Machine-small (Ditch-witch, Vermeer, or Similar type); Dope Pots (Mechanical with or without pump); Dumpsters; Elevator; Fireman; Fork Lifts (Economobile, Lull and Similar Types of Equipment); Front End Loaders (1 yd. and over but under 2 yds.); Generators (2 or 3 in Battery); Giraffe Grinders; Grout Pump; Gunnite Machines (excluding nozzle); Hammer Vibrator (in conjunction with Generator); Heavy Equipment Robotics Operator Technician; Hoists-Roof, Tugger, Aerial Platform Hoist & House Cars; Hoppers; Hopper Doors (power operated); Hydro Blaster; Hydraulic Jacking Trailer; Ladders (motorized); Laddervator; Locomotive-dinky type; Maintenance -Utility Man; Master Environmental Maintenance Technician; Mechanics; Mixers (Excepting Paving Mixers); Motor Patrols; Pavement Breakers (small self-propelled ride on type-also maintains compressor hydraulic unit); Pavement Breaker-truck mounted; Pipe Bending Machine (Power); Pitch Pump; Plaster Pump (regardless of size); Post Hole Digger (Post Pounder & Auger); Pot Hole Killer Trucks or equivalent; Rod Bending Machines (Power); Roller-Black Top; Scales (Power); Seaman pulverizing mixer; Shoulder widener; Silos; Skidsteer (all attachments); Skimmer Machines (boom-type); Steel Cutting Machine (service & maintain); Tam Rock Drill; Tractors; Transfer Machine; Captain (Power Boats); Tug Master (powerboats); Ultra High Pressure Waterjet Cutting Tool System operator/maintenance technician; Vacuum Blasting Machine; Vibrating Plants (used in conjunction with unloading); Welder and Repair Mechanics

CLASS D: Brooms and Sweepers; Chippers; Compressor (single); Concrete Spreaders (small type); Conveyor Loaders (not including Elevator Graders); Engines-large diesel (1620 HP) and Staging Pump; Farm Tractors; Fertilizing Equipment (Operation & Maintenance of); Fine Grade Machine (small type); Form Line Graders (small type); Front End Loader (under 1 yard); Generator (single); Grease, Gas, Fuel and Oil supply trucks; Heaters (Nelson or other type incl. Propane, Natural Gas or Flowtype Units); Lights, Portable Generating Light Plants; Mixers (Concrete, small); Mulching Equipment (Operation and Maintenance of); Pumps (2 or less than 4 inch suction); Pumps (4 inch suction and over incl. submersible pumps); Pumps (Diesel Engine and Hydraulic-immaterial of power); Road Finishing Machines (small type); Rollers-grade, fill or stone base; Seeding Equip. (Operation and Maintenance of); Sprinkler & Water Pump Trucks (used on jobsite or in conjunction with jobsite); Steam Jennies and Boilers-irrespective of use; Stone Spreader; Tamping Machines, Vibrating Ride-on; Temporary Heating Plant (Nelson or other type, incl. Propane, Natural Gas or Flow Type Units); Water & Sprinkler Trucks (used on or in conjunction with jobsite); Welding Machines (Gas, Diesel, and/or Electric Converters of any type, single, two, or three in a battery); Wellpoint Systems (including installation by Bull Gang and Maintenance of)

CLASS E: Assistant Engineer/Oiler; Drillers Helper; Maintenance Apprentice (Deck Hand); Maintenance Apprentice (Oiler); Mechanics' Helper; Tire Repair and Maintenance; Transit/Instrument Man

WAGES:(per hour)

	07/01/2023	07/01/2024 Additional	07/01/2025 Additional
Class A5	\$ 65.72 plus 4.00*	\$ 2.75***	\$ 2.50***
Class A4	64.72 plus 4.00*	2.75***	2.50***
Class A3	63.72 plus 4.00*	2.75***	2.50***
Class A2	61.22 plus 4.00*	2.75***	2.50***
Class A1	60.22 plus 4.00*	2.75***	2.50***
Class A	59.22 plus 4.00*	2.75***	2.50***
Class B	57.63 plus 4.00*	2.75***	2.50***
Class C	55.72 plus 4.00*	2.75***	2.50***
Class D	54.09 plus 4.00*	2.75***	2.50***
Class E	50.38 plus 4.00*	2.75***	2.50***
Safety Engineer	59.96 plus 4.00*	2.75***	2.50***
Helicopter:			
Pilot/Engineer	61.04 plus 4.00*	2.75***	2.50***
Co Pilot	59.22 plus 4.00*	2.75***	2.50***
Communications Engineer	59.22 plus 4.00*	2.75***	2.50***
Surveying:			
Chief of Party	59.22 plus 4.00*	2.75***	2.50***
Transit/Instrument Man	50.38 plus 4.00*	2.75***	2.50***
Rod/Chainman	49.80 plus 4.00*	2.75***	2.50***
Additional \$0.75 for Survey work Tunnel under compressed air.			
Additional \$0.50 for Hydrographic work.			

\*The \$4.00 is added to the Class Base Wage for all hours worked. Additionally, the \$4.00 is subject to the V-Code listed on the OVERTIME CODE Sheet.

\*\*Outside Material Hoist (Class B) receives additional \$ 1.00 per hour on 110 feet up to 199 feet total height, \$ 2.00 per hour on 200 feet and over total height.

\*\*\*To be allocated at a later date

- SHIFT WORK: On all Government mandated irregular or off shift work, an additional 15% on straight time hours.

- On HAZARDOUS WASTE REMOVAL or ASBESTOS REMOVAL work, or any state or federally DESIGNATED HAZARDOUS WASTE SITE:

For projects bid on or before April 1, 2020...Where the Operating Engineer is in direct contact with hazardous material and when personal protective equipment is required for respiratory, skin and eye protection, the Operating Engineer shall receive the hourly wage plus an additional twenty percent (20%) of that wage for the entire shift.

For projects bid after April 1, 2020...On hazardous waste removal work of any kind, including state or federally designated site where the operating engineer is required to wear level A, B, or C personal protection the operating engineer shall receive an hourly wage rate of his regular hourly wage plus \$5.00 per hour. An operating engineer working at a hazardous waste removal project or site at a task requiring hazardous waste related certification, but who is not working in a zone requiring level A, B, or C personal protection, shall receive an hourly wage rate of his regular rate plus \$ 1.00 per hour. This shall also apply to sites where the level D personal protection is required.

## SUPPLEMENTAL BENEFITS

Per hour:

Journeyman \$ 33.50

SHIFT WORK: On all Government mandated irregular or off shift work, an additional 15% on straight time hours.

#### OVERTIME PAY

See (B, E, Q, \*V, X) on OVERTIME PAGE

\*15% premium is also required on shift work benefits

#### HOLIDAY

Paid: See (5, 6, 10, 13, 15) on HOLIDAY PAGE

Overtime: See (5, 6, 10, 13, 15) on HOLIDAY PAGE

Holidays falling on Sunday will be celebrated on Monday.

#### REGISTERED APPRENTICES

(1) year terms at the following percentage of journeyman's wage:

1st year	60% of Class base wage plus \$4.00*
2nd year	70% of Class base wage plus \$4.00*
3rd year	80% of Class base wage plus \$4.00*
4th year	90% of Class base wage plus \$4.00*

\*The \$4.00 is added to the Class Base Wage for all hours worked. Additionally, the \$4.00 is subject to the V-Code listed on the OVERTIME CODE Sheet.

Supplemental Benefits per hour:

Apprentices \$ 33.50

11-825

#### Operating Engineer - Marine Dredging

12/01/2023

**JOB DESCRIPTION** Operating Engineer - Marine Dredging

**DISTRICT** 4

#### ENTIRE COUNTIES

Albany, Bronx, Cayuga, Clinton, Columbia, Dutchess, Essex, Franklin, Greene, Jefferson, Kings, Monroe, Nassau, New York, Orange, Oswego, Putnam, Queens, Rensselaer, Richmond, Rockland, St. Lawrence, Suffolk, Ulster, Washington, Wayne, Westchester

#### WAGES

These wages do not apply to Operating Engineers on land based construction projects. For those projects, please see the Operating Engineer Heavy/Highway Rates. The wage rates below for all equipment and operators are only for marine dredging work in navigable waters found in the counties listed above.

Per Hour:	07/01/2023	10/01/2023
CLASS A1 Deck Captain, Leverman Mechanical Dredge Operator Licensed Tug Operator 1000HP or more.	\$ 43.94	\$ 45.26
CLASS A2 Crane Operator (360 swing)	39.16	40.33
CLASS B Dozer, Front Loader Operator on Land	To conform to Operating Engineer Prevailing Wage in locality where work is being performed including benefits.	
CLASS B1 Derrick Operator (180 swing) Spider/Spill Barge Operator Operator II, Fill Placer, Engineer, Chief Mate, Electrician, Chief Welder, Maintenance Engineer Licensed Boat, Crew Boat Operator	38.00	39.14
CLASS B2 Certified Welder	35.77	36.84
CLASS C1 Drag Barge Operator, Steward, Mate, Assistant Fill Placer	34.79	35.83

CLASS C2 Boat Operator	33.67	34.68
CLASS D Shoreman, Deckhand, Oiler, Rodman, Scowman, Cook, Messman, Porter/Janitor	27.97	28.81

## SUPPLEMENTAL BENEFITS

Per Hour:

THE FOLLOWING SUPPLEMENTAL BENEFITS APPLY TO ALL CATEGORIES

All Classes A & B	\$ 11.85 plus 6% of straight time wage, Overtime hours add \$ 0.63	\$ 12.00 plus 6% of straight time wage, Overtime hours add \$ 0.63
All Class C	\$ 11.60 plus 6% of straight time wage, Overtime hours add \$ 0.50	\$ 11.75 plus 6% of straight time wage, Overtime hours add \$ 0.50
All Class D	\$ 11.35 plus 6% of straight time wage, Overtime hours add \$ 0.38	\$ 11.60 plus 6% of straight time wage, Overtime hours add \$ 0.50

## OVERTIME PAY

See (B2, F, R) on OVERTIME PAGE

## HOLIDAY

Paid: See (1) on HOLIDAY PAGE  
Overtime: See (5, 6, 8, 15, 26) on HOLIDAY PAGE

4-25a-MarDredge

## Operating Engineer - Steel Erectors

12/01/2023

**JOB DESCRIPTION** Operating Engineer - Steel Erectors

**DISTRICT** 11

## ENTIRE COUNTIES

Delaware, Orange, Rockland, Sullivan, Ulster

## WAGES

CLASS A3: Cranes, Derricks and Pile Drivers 100 tons or more and Tower Cranes, with a 140 ft. boom and over.

CLASS A2: Cranes, Derricks and Pile Drivers 100 tons or more and Tower Cranes, with up to a 139 ft. boom and under.

CLASS A1: Cranes, Derricks and Pile Drivers less than 100 tons with a 140 ft. boom and over.

CLASS A: Cranes, Derricks and Pile Drivers less than 100 tons with up to a 139 ft. boom and under.

CLASS B: "A" Frame; Cherry Pickers(10 tons and under); Hoists (all type Hoists, shall also include Steam, Gas, Diesel, Electric, Air Hydraulic, Single and Double Drum, Concrete, Brick Shaft Caisson, Snorkel Roof, and/or any other Similar Type Hoisting Machines, portable or stationary, except Chicago Boom Type); Jacks-Screw Air Hydraulic Power Operated Unit or Console Type (not hand Jack or Pile Load Test Type); Side Booms; Straddle Carrier

CLASS C: Aerial Platform used as Hoist; Compressors (2 or 3 in Battery); Concrete cleaning/ decontamination machine operator; Directional Boring Machines; Elevator or House Cars; Conveyers and Tugger Hoists; Fireman; Fork Lifts; Generators (2 or 3 in Battery); Heavy Equipment Robotics Operator/Technician; Master Environmental Maintenance Technician; Maintenance -Utility Man; Rod Bending Machines (Power); Captain(powerboat); Tug Master; Ultra High Pressure Waterjet Cutting Tool System; Vacuum Blasting Machine; Welding Machines(gas or electric,2 or 3 in battery, including diesels); Transfer Machine; Apprentice Engineer/Oiler with either one compressor or one welding machine when used for decontamination and remediation

CLASS D: Compressor (single); Welding Machines (Gas, Diesel, and/or Electric Converters of any type); Welding System Multiple (Rectifier Transformer type)

CLASS E: Assistant Engineer/Oiler; Maintenance Apprentice (Deck Hand); Drillers Helper; Maintenance Apprentice (Oiler); Mechanics' Helper; Transit/Instrument Man

WAGES:(per hour)

	07/01/2023	07/01/2024	07/01/2025
		Additional	Additional
Class A3	\$ 67.74 plus 4.00*	\$ 2.75**	\$ 2.50**
Class A2	66.08 plus 4.00*	2.75**	2.50**
Class A1	63.24 plus 4.00*	2.75**	2.50**
Class A	61.58 plus 4.00*	2.75**	2.50**
Class B	58.79 plus 4.00*	2.75**	2.50**
Class C	56.13 plus 4.00*	2.75**	2.50**
Class D	54.60 plus 4.00*	2.75**	2.50**
Class E	50.84 plus 4.00*	2.75**	2.50**
Vacuum Truck	59.55 plus 4.00*	2.75**	2.50**
Safety Engineer	60.41 plus 4.00*	2.75**	2.50**

Helicopter:			
Pilot/Engineer	63.24 plus 4.00*	2.75**	2.50**
Co Pilot	62.85 plus 4.00*	2.75**	2.50**
Communications Engineer	62.85 plus 4.00*	2.75**	2.50**

Surveying:			
Chief of Party	59.55 plus 4.00*	2.75**	2.50**
Transit/Instrument man	50.84 plus 4.00*	2.75**	2.50**
Rod/Chainman	49.80 plus 4.00*	2.75**	2.50**
Additional \$0.75 for Survey work Tunnels under compressed air.			
Additional \$0.50 for Hydrographic work.			

\*The \$4.00 is added to the Class Base Wage for all hours worked. Additionally, the \$4.00 is subject to the V-Code listed on the OVERTIME CODE Sheet.

\*\*To be allocated at a later date

- SHIFT WORK: On all Government mandated irregular or off shift work, an additional 15% on straight time hours.

- On HAZARDOUS WASTE REMOVAL or ASBESTOS REMOVAL work, or any state or federally DESIGNATED HAZARDOUS WASTE SITE:

For projects bid on or before April 1, 2020...Where the Operating Engineer is in direct contact with hazardous material and when personal protective equipment is required for respiratory, skin and eye protection, the Operating Engineer shall receive the hourly wage plus an additional twenty percent (20%) of that wage for the entire shift.

For projects bid after April 1, 2020...On hazardous waste removal work of any kind, including state or federally designated site where the operating engineer is required to wear level A, B, or C personal protection the operating engineer shall receive an hourly wage rate of his regular hourly wage plus \$5.00 per hour. An operating engineer working at a hazardous waste removal project or site at a task requiring hazardous waste related certification, but who is not working in a zone requiring level A, B, or C personal protection, shall receive an hourly wage rate of his regular rate plus \$ 1.00 per hour. This shall also apply to sites where the level D personal protection is required.

## SUPPLEMENTAL BENEFITS

Per hour:

Journeyman \$ 33.50

## OVERTIME PAY

See (B, E, Q, \*V, X) on OVERTIME PAGE

\*15% premium is also required on shift work benefits

## HOLIDAY

Paid: See (5, 6, 10, 13, 15) on HOLIDAY PAGE

Overtime: See (5, 6, 10, 13, 15) on HOLIDAY PAGE

Holidays falling on Sunday will be celebrated on Monday.

## REGISTERED APPRENTICES

(1) year terms at the following percentage of journeyman's wage.

1st year	60% of Class base wage plus \$4.00*
2nd year	70% of Class base wage plus \$4.00*
3rd year	80% of Class base wage plus \$4.00*

4th year 90% of Class base wage plus \$4.00\*

\*The \$4.00 is added to the Class Base Wage for all hours worked. Additionally, the \$4.00 is subject to the V-Code listed on the OVERTIME CODE Sheet.

Supplemental Benefits per hour:

Apprentices \$ 33.50

11-825SE

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<b>Painter</b>	<b>12/01/2023</b>
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**JOB DESCRIPTION** Painter

**DISTRICT 1**

**ENTIRE COUNTIES**

Rockland

**WAGES**

Wages per hour

	07/01/2023	07/01/2024 Additional
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Brush/Paper Hanger	\$ 41.17	+ \$1.93*
Dry Wall finisher	41.17	+ \$1.93*
Sandblaster-Painter	41.17	+ \$1.93*
Lead Abatement	41.17	+ \$1.93*
Spray Rate	42.17	+ \$1.93*

(\*) To be allocated at later date.

See Bridge Painters rates for the following work:

Structural Steel, all work performed on tanks, ALL BRIDGES, towers, smoke stacks, flag poles. Rate shall apply to all of said areas from the ground up.

**SUPPLEMENTAL BENEFITS**

Per hour

Journey person \$ 26.28

**OVERTIME PAY**

See (B, E, E2, Q) on OVERTIME PAGE

**HOLIDAY**

Paid: See (1) on HOLIDAY PAGE  
Overtime: See (5, 6) on HOLIDAY PAGE

**REGISTERED APPRENTICES**

Wages per hour

Six (6) month terms at the following percentage of Journey person's wage

1st	2nd	3rd	4th	5th	6th
50%	55%	65%	75%	85%	95%

Supplemental Benefits per hour worked

1st term	\$ 11.14
All others	26.28

1-155ROC

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<b>Painter - Bridge &amp; Structural Steel</b>	<b>12/01/2023</b>
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**JOB DESCRIPTION** Painter - Bridge & Structural Steel

**DISTRICT 8**

**ENTIRE COUNTIES**

Albany, Bronx, Clinton, Columbia, Dutchess, Essex, Franklin, Fulton, Greene, Hamilton, Kings, Montgomery, Nassau, New York, Orange, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Suffolk, Sullivan, Ulster, Warren, Washington, Westchester

**WAGES**

Per Hour:

STEEL:

Bridge Painting:	07/01/2023	10/01/2023
	\$ 54.50	\$ 56.00

+ 10.10\* + 10.35\*

ADDITIONAL \$6.50 per hour for POWER TOOL/SPRAY, whether straight time or overtime.

NOTE: All premium wages are to be calculated on base rate per hour only.

\* For the period of May 1st to November 15th, this amount is payable up to 40 hours. For the period of Nov 16th to April 30th, this amount is payable up to 50 hours. EXCEPTION: First and last week of employment, and for the weeks of Memorial Day, Independence Day and Labor Day, where the amount is paid for the actual number of hours worked (no cap).

NOTE: Generally, for Bridge Painting Contracts, ALL WORKERS on and off the bridge (including Flagmen) are to be paid Painter's Rate; the contract must be ONLY for Bridge Painting.

#### SHIFT WORK:

When directly specified in public agency or authority contract documents for an employer to work a second shift and works the second shift with employees other than from the first shift, all employees who work the second shift will be paid 10% of the base wage shift differential in lieu of overtime for the first eight (8) hours worked after which the employees shall be paid at time and one half of the regular wage rate. When a single irregular work shift is mandated in the job specifications or by the contracting agency, wages shall be paid at time and one half for single shifts between the hours of 3pm-11pm or 11pm-7am.

#### SUPPLEMENTAL BENEFITS

Per Hour:

Journeyworker:

\$ 11.78	\$ 12.43
+ 30.85*	+ 31.55*

\* For the period of May 1st to November 15th, this amount is payable up to 40 hours. For the period of Nov 16th to April 30th, this amount is payable up to 50 hours. EXCEPTION: First and last week of employment, and for the weeks of Memorial Day, Independence Day and Labor Day, where the amount is paid for the actual number of hours worked (no cap).

#### OVERTIME PAY

See (B, F, R) on OVERTIME PAGE

#### HOLIDAY

Paid: See (1) on HOLIDAY PAGE  
Overtime: See (4, 6) on HOLIDAY PAGE

#### REGISTERED APPRENTICES

Wage - Per hour:

Apprentices: (1) year terms.

1st year	\$ 21.80 + 4.04	\$ 22.40 + 4.14
2nd year	\$ 32.70 + 6.06	\$ 33.60 + 6.21
3rd year	\$ 43.60 + 8.08	\$ 44.80 + 8.28
Supplemental Benefits - Per hour:		
1st year	\$ .90 + 12.34	\$ 1.16 + 12.62
2nd year	\$ 7.07 + 18.51	\$ 7.46 + 18.93
3rd year	\$ 9.42 + 24.68	\$ 9.94 + 25.24

NOTE: All premium wages are to be calculated on base rate per hour only.

8-DC-9/806/155-BrSS

#### Painter - Line Striping

12/01/2023

**JOB DESCRIPTION** Painter - Line Striping

**DISTRICT** 8

#### ENTIRE COUNTIES

Albany, Clinton, Columbia, Dutchess, Essex, Franklin, Fulton, Greene, Hamilton, Montgomery, Nassau, Orange, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schoharie, Suffolk, Sullivan, Ulster, Warren, Washington, Westchester

## WAGES

Per hour:

Painter (Striping-Highway):	07/01/2023	01/01/2024	07/01/2024
Striping-Machine Operator*	\$ 31.53	\$ 31.53	\$ 34.12
Linerman Thermoplastic	38.34	38.34	41.12

Note: \* Includes but is not limited to: Positioning of cones and directing of traffic using hand held devices. Excludes the Driver/Operator of equipment used in the maintenance and protection of traffic safety.

NOTE - The "Employer Registration" (30.1) use of a '4 Day/10 Hour Work schedules' will no longer be accepted or processed. All registered projects prior to June 30,2023 will expire within the granted time frame.

For Pre-Registered Projects Four (4), Ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day. Tuesday thru Friday may be worked with no make-up day. For further clarification contact your local Bureau Office.

## SUPPLEMENTAL BENEFITS

Per hour paid:

Journeyworker:

Striping Machine Operator:	\$ 10.03	\$ 22.24	\$ 23.65
Linerman Thermoplastic:	10.03	22.24	23.65

## OVERTIME PAY

See (B, B2, E2, F, S) on OVERTIME PAGE

## HOLIDAY

Paid: See (5, 20) on HOLIDAY PAGE

Overtime: See (5, 20) on HOLIDAY PAGE

## REGISTERED APPRENTICES

One (1) year terms at the following wage rates:

1st Term:	\$ 15.00	\$ 15.00	\$ 15.00
2nd Term:	18.92	18.92	20.47
3rd Term:	25.22	25.22	27.30

Supplemental Benefits per hour:

1st term:	\$ 9.16	\$ 22.24	\$ 23.65
2nd Term:	10.03	22.24	23.65
3rd Term:	10.03	22.24	23.65

8-1456-LS

## Painter - Metal Polisher

12/01/2023

**JOB DESCRIPTION** Painter - Metal Polisher

**DISTRICT** 8

## ENTIRE COUNTIES

Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

## WAGES

	07/01/2023
Metal Polisher	\$ 38.18
Metal Polisher*	39.28
Metal Polisher**	42.18

\*Note: Applies on New Construction & complete renovation

\*\* Note: Applies when working on scaffolds over 34 feet.

## SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2023

Journeyworker:

All classification \$ 12.34

## OVERTIME PAY

See (B, E, P, T) on OVERTIME PAGE

## HOLIDAY

Paid: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE  
Overtime: See (5, 6, 9, 11, 15, 16, 25, 26) on HOLIDAY PAGE

## REGISTERED APPRENTICES

Wages per hour:

One (1) year term at the following wage rates:

07/01/2023

1st year	\$ 16.00
2nd year	17.00
3rd year	18.00
1st year*	\$ 16.39
2nd year*	17.44
3rd year*	18.54
1st year**	\$ 18.50
2nd year**	19.50
3rd year**	20.50

\*Note: Applies on New Construction & complete renovation

\*\* Note: Applies when working on scaffolds over 34 feet.

Supplemental benefits:

Per hour:

1st year	\$ 8.69
2nd year	8.69
3rd year	8.69

8-8A/28A-MP

## Plumber

12/01/2023

**JOB DESCRIPTION** Plumber

**DISTRICT** 11

## ENTIRE COUNTIES

Orange, Rockland, Sullivan

## PARTIAL COUNTIES

Ulster: Only the Townships of Plattekill, Marlboro, Wawarsing, and Shawangunk (except for Wallkill and Shawangunk Prisons).

## WAGES

REFRIGERATION: For commercial and industrial refrigeration which means service, maintenance, and installation work where the combined compressor tonnage does not exceed 40 tons.

AIR CONDITIONING: Air conditioning to be installed that is water cooled shall not exceed 25 tons. This will include the piping of the component system and erection of water tower. Air conditioning that is air cooled shall not exceed 50 tons.

WAGES: (per hour)

	07/01/2023	05/01/2024	05/01/2025
		Additional	Additional
Plumber	\$ 38.59	\$ 2.25*	\$ 2.50*

\*To be allocated at a later date

Star Certification: an additional \$ 1.00 per hour over scale will be paid to all those who have Star Certification.

Shift Differential: When mandated by the governmental agency, an additional 15% premium will be paid for irregular work day or for 2nd and 3rd shift.

## SUPPLEMENTAL BENEFITS

Per hour:

Journeyman

\$ 36.07\*

\*For overtime or shift differential work, \$0.10 is paid at straight time, the remaining balance is paid at the same premium as the wages.

## OVERTIME PAY

See (B, G, P, \*V) on OVERTIME PAGE

\* A portion of the benefit amount is subject to the V code for overtime and shift differential work.

#### HOLIDAY

Paid: See (5, 6, 13, 15, 25) on HOLIDAY PAGE  
Overtime: See (5, 6, 13, 15, 25) on HOLIDAY PAGE

#### REGISTERED APPRENTICES

(1)year terms at the following wage.

	07/01/2023
1st term	\$ 17.37
2nd term	21.23
3rd term	25.09
4th term	28.95
5th term	32.81

Supplemental Benefits per hour:  
Apprentices

1st term	\$ 16.31*
2nd term	19.90*
3rd term	23.50*
4th term	27.10*
5th term	30.69*

\*For overtime or shift differential work, \$0.10 is paid at straight time, the remaining balance is paid at the same premium as the wages.  
11-373 Refrig

#### Plumber

12/01/2023

**JOB DESCRIPTION** Plumber

**DISTRICT** 11

#### ENTIRE COUNTIES

Orange, Rockland, Sullivan

#### PARTIAL COUNTIES

Ulster: Only the Townships of Plattekill, Marlboro, Wawarsing, and Shawangunk (except for Walkill and Shawangunk Prisons).

#### WAGES

WAGES:(per hour)	07/01/2023	05/01/2024
Plumber/Steamfitter	\$ 49.95	Additional \$ 2.25*

\*to be allocated at a later date

Note: For all work 40-60 feet above ground add \$ 0.25 per hour, over 60 feet add \$ 0.50 per hour.

Shift Differential: When mandated by the governmental agency, an additional 15% premium will be paid for irregular work day or for 2nd and 3rd shift.

#### SUPPLEMENTAL BENEFITS

Per hour:

Journeyman \$ 44.57

\*For overtime or shift differential work, \$0.10 is paid at straight time, the remaining balance is paid at the same premium as the wages.

#### OVERTIME PAY

See (B, E, Q, \*V) on OVERTIME PAGE

\* A portion of the benefit amount is subject to the V code for overtime and shift differential work.

#### HOLIDAY

Paid: See (1) on HOLIDAY PAGE  
Overtime: See (5, 6, 15, 16) on HOLIDAY PAGE

When a holiday falls on a Saturday, the day prior shall be considered and recognized as the holiday. When a holiday falls on a Sunday, the day proceeding shall be considered and recognized as the holiday to be observed.

#### REGISTERED APPRENTICES

( 1 ) year terms at the following wages.

	07/01/2023
1st term	\$ 17.49
2nd term	22.48
3rd term	27.48
4th term	32.47

5th term 39.96

Supplemental Benefits per hour:

1st term \$ 15.69\*  
2nd term 20.14\*  
3rd term 24.57\*  
4th term 29.03\*  
5th term 35.67\*

\*For overtime or shift differential work, \$0.10 is paid at straight time, the remaining balance is paid at the same premium as the wages.  
11-373 SF

**Roofer** **12/01/2023**

**JOB DESCRIPTION** Roofer **DISTRICT 9**

**ENTIRE COUNTIES**

Bronx, Dutchess, Kings, New York, Orange, Putnam, Queens, Richmond, Rockland, Sullivan, Ulster, Westchester

**WAGES**

Per Hour:	07/01/2023	05/01/2024 Additional
Roofer/Waterproofer	\$ 46.50 + \$7.00*	\$2.50

\* This portion is not subjected to overtime premiums.

Note: Abatement/Removal of Asbestos containing roofs and roofing material is classified as Roofer.

**SUPPLEMENTAL BENEFITS**

Per Hour: \$ 31.37

**OVERTIME PAY**

See (B, H) on OVERTIME PAGE

Note: An observed holiday that falls on a Sunday will be observed the following Monday.

**HOLIDAY**

Paid: See (1) on HOLIDAY PAGE  
Overtime: See (5, 6) on HOLIDAY PAGE

**REGISTERED APPRENTICES**

( 1 ) year term apprentices indentured prior to 01/01/2023

	1st	2nd	3rd	4th
	\$ 16.28	\$ 23.25	\$ 27.90	\$ 34.88
		+ 3.50*	+ 4.20*	+ 5.26*
Supplements:				
	1st	2nd	3rd	4th
	\$ 4.03	\$ 15.85	\$ 18.95	\$ 23.61

\* This portion is not subjected to overtime premiums.

(1) year term apprentices indentured after 01/01/2023

	1st	2nd	3rd	4th	5th
	\$ 17.67	\$ 20.93	\$ 23.25	\$ 27.90	\$ 34.88
		+ 3.16*	+ 3.50*	+ 4.20*	+ 5.26
Supplements:					
	1st	2nd	3rd	4th	5th
	\$ 7.61	\$ 14.29	\$ 15.85	\$ 18.95	\$ 23.61

\* This portion is not subjected to overtime premiums.

9-8R

**Sheetmetal Worker** **12/01/2023**

**JOB DESCRIPTION** Sheetmetal Worker **DISTRICT 8**

**ENTIRE COUNTIES**

Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster, Westchester

**WAGES**

	07/01/2023
SheetMetal Worker	\$ 47.00 + 3.60*

\*This portion is not subject to overtime premiums.

#### SHIFT WORK

For all NYS D.O.T. and other Governmental mandated off-shift work:  
10% increase for additional shifts for a minimum of five (5) days

#### SUPPLEMENTAL BENEFITS

Journeyworker \$ 45.62

#### OVERTIME PAY

OVERTIME:.. See ( B, E, Q, ) on OVERTIME PAGE.

#### HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 15, 16, 23) on HOLIDAY PAGE

#### REGISTERED APPRENTICES

1st	2nd	3rd	4th	5th	6th	7th	8th
\$ 17.50	\$ 19.67	\$ 21.87	\$ 24.05	\$ 26.24	\$ 28.44	\$ 31.10	\$ 33.75
+ 1.44*	+ 1.62*	+ 1.80*	+ 1.98*	+ 2.16*	+ 2.34*	+ 2.52*	+ 2.70*

\*This portion is not subject to overtime premiums.

Supplemental Benefits per hour:

#### Apprentices

1st term	\$ 19.53
2nd term	21.99
3rd term	24.42
4th term	26.88
5th term	29.32
6th term	31.75
7th term	33.72
8th term	35.71

8-38

#### Sheetmetal Worker

12/01/2023

**JOB DESCRIPTION** Sheetmetal Worker

**DISTRICT** 4

#### ENTIRE COUNTIES

Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, Westchester

#### WAGES

Per Hour: 07/01/2023

Sign Erector \$ 56.00

NOTE: Structurally Supported Overhead Highway Signs(See STRUCTURAL IRON WORKER CLASS)

#### SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2023

Sign Erector \$ 55.66

#### OVERTIME PAY

See (A, F, S) on OVERTIME PAGE

#### HOLIDAY

Paid: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 10, 11, 12, 16, 25) on HOLIDAY PAGE

#### REGISTERED APPRENTICES

Per Hour:

6 month Terms at the following percentage of Sign Erectors wage rate:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
35%	40%	45%	50%	55%	60%	65%	70%	75%	80%

#### SUPPLEMENTAL BENEFITS

Per Hour:

07/01/2023

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
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\$ 14.95	\$ 16.95	\$ 18.93	\$ 20.93	\$ 28.56	\$ 31.05	\$ 33.57	\$ 36.05	\$ 38.56	\$ 41.05
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4-137-SE

## Sprinkler Fitter

12/01/2023

**JOB DESCRIPTION** Sprinkler Fitter

**DISTRICT** 1

### ENTIRE COUNTIES

Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster, Westchester

### WAGES

Per hour 07/01/2023

Sprinkler \$ 50.86  
Fitter

### SUPPLEMENTAL BENEFITS

Per hour

Journey person \$ 30.19

### OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

### HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

Note: When a holiday falls on Sunday, the following Monday shall be considered a holiday and all work performed on either day shall be at the double time rate. When a holiday falls on Saturday, the preceding Friday shall be considered a holiday and all work performed on either day shall be at the double time rate.

### REGISTERED APPRENTICES

Wages per hour

One Half Year terms at the following wage.

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
\$ 24.77	\$ 27.53	\$ 30.03	\$ 32.78	\$ 35.53	\$ 38.29	\$ 41.04	\$ 43.79	\$ 46.54	\$ 49.30

Supplemental Benefits per hour

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
\$ 8.74	\$ 8.74	\$ 20.32	\$ 20.32	\$ 20.57	\$ 20.57	\$ 20.57	\$ 20.57	\$ 20.57	\$ 20.57
									1-669.2

## Teamster - Building / Heavy&Highway

12/01/2023

**JOB DESCRIPTION** Teamster - Building / Heavy&Highway

**DISTRICT** 11

### ENTIRE COUNTIES

Dutchess, Orange, Rockland, Sullivan, Ulster

### WAGES

GROUP 1: LeTourneau Tractors, Double Barrel Euclids, Athney Wagons and similar equipment (except when hooked to scrapers), I-Beam and Pole Trailers, Tire Trucks, Tractor and Trailers with 5 axles and over, Articulated Back Dumps and Road Oil Distributors, Articulated Water Trucks and Fuel Trucks/Trailers, positions requiring a HAZMAT CDL endorsement.

GROUP 1A: Drivers on detachable Gooseneck Low Bed Trailers rated over 35 tons.

GROUP 2: All equipment 25 yards and up to and including 30 yard bodies and cable Dump Trailers and Powder and Dynamite Trucks.

GROUP 3: All Equipment up to and including 24-yard bodies, Mixer Trucks, Dump Crete Trucks and similar types of equipment, Fuel Trucks, Batch Trucks and all other Tractor Trailers, Hi-Rail Truck.

GROUP 4: Tri-Axles, Ten Wheelers, Grease Trucks, Tillerman, Pattern Trucks, Attenuator Trucks, Water Trucks, Bus.

GROUP 5: Straight Trucks.

GROUP 6: Pick-up Trucks for hauling materials and parts, and Escort Man over-the-road.

WAGES: (per hour) 07/01/2023

GROUP 1	\$ 34.58
GROUP 1A	35.72
GROUP 2	34.02
GROUP 3	33.80
GROUP 4	33.69
GROUP 5	33.57
GROUP 6	33.57

**NOTE ADDITIONAL PREMIUMS:**

- On projects requiring an irregular shift a premium of 10% will be paid on wages. The premium will be paid for off-shift or irregular shift work when mandated by Governmental Agency.
- Employees engaged in hazardous/toxic waste removal, on a State or Federally designated hazardous/toxic waste site, where the employee comes in contact with hazardous/toxic waste material and when personal protective equipment is required for respiratory, skin, or eye protection, the employee shall receive an additional 20% premium above the hourly wage.

**NOTE** - The 'Employer Registration' (30.1) use of a '4 Day/10 Hour Work schedules' will no longer be accepted or processed. All registered projects prior to June 30,2023 will expire within the granted time frame.

For Pre-Registered Projects Four (4), Ten (10) hour days may be worked at straight time during a week, Monday thru Thursday. Friday may be used as a make-up day. Tuesday thru Friday may be worked with no make-up day. For further clarification contact your local Bureau Office.

**SUPPLEMENTAL BENEFITS**

Per hour:

First 40 hours	\$ 44.59
Over 40 hours	36.99

**OVERTIME PAY**

See (\*B, E, \*\*E2, \*\*\*P, X) on OVERTIME PAGE

\*Holidays worked Monday through Friday receive Double Time (2x) after 8 hours.

\*\*Makeup day limited to the employees who were working on the site that week.

\*\*\*Sunday Holidays are paid at a rate of double time and one half (2.5x) for all hours worked.

**HOLIDAY**

Paid: See (5, 6, 15, 25) on HOLIDAY PAGE

Overtime: See (\*1) on HOLIDAY PAGE

- Any employee working two (2) days in any calendar week during which a holiday occurs shall receive a days pay for each holiday occurring during said week. This provision shall also apply if a holiday falls on a Saturday or Sunday.

\*See OVERTIME PAY section for when additional premium is applicable on Holiday hours worked.

11-445B/HH

**Teamster - Delivery - Building / Heavy&Highway**

**12/01/2023**

**JOB DESCRIPTION** Teamster - Delivery - Building / Heavy&Highway

**DISTRICT** 11

**ENTIRE COUNTIES**

Dutchess, Orange, Rockland, Sullivan, Ulster

**WAGES**

Group 1	Tractor Trailer Drivers
Group 2	Tri- Axle

Wages: 07/01/2023

Group 1	\$ 33.70
Group 2	29.70

Hazardous/Toxic Waste Removal additional 20% when personal protective equipment is required.

**SUPPLEMENTAL BENEFITS**

Per hour paid:

First 40 hours	\$ 32.30
Over 40 hours	0.00

**OVERTIME PAY**

See (B, E, Q, X) on OVERTIME PAGE

**HOLIDAY**

Paid: See (5, 13, 15, 16, 20, 22, 25, 26) on HOLIDAY PAGE

Overtime: See (5, 13, 15, 16, 20, 22, 25, 26) on HOLIDAY PAGE

- Employee must work either the scheduled day of work before or the scheduled day of work after the holiday in the workweek.

- Any employee working one (1) day in the calendar week during which a holiday occurs shall receive a day's pay for each holiday occurring during said week. This provision shall also apply if a holiday falls on a Saturday.

- When any of the recognized holidays occur on Sunday and are celebrated any day before or after the holiday Sunday, such days shall be considered as the holiday and paid for as such.

11-445 B/HH Delivery

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**Welder****12/01/2023**

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**JOB DESCRIPTION** Welder**DISTRICT 1****ENTIRE COUNTIES**

Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

**WAGES**

Per hour 07/01/2023

Welder: To be paid the same rate of the mechanic performing the work.\*

\*EXCEPTION: If a specific welder certification is required, then the 'Certified Welder' rate in that trade tag will be paid.

**OVERTIME PAY****HOLIDAY**

1-As Per Trade

## Overtime Codes

Following is an explanation of the code(s) listed in the OVERTIME section of each classification contained in the attached schedule. Additional requirements may also be listed in the HOLIDAY section.

NOTE: Supplemental Benefits are 'Per hour worked' (for each hour worked) unless otherwise noted

- ( AA ) Time and one half of the hourly rate after 7 and one half hours per day
- ( A ) Time and one half of the hourly rate after 7 hours per day
- ( B ) Time and one half of the hourly rate after 8 hours per day
- ( B1 ) Time and one half of the hourly rate for the 9th & 10th hours week days and the 1st 8 hours on Saturday.  
Double the hourly rate for all additional hours
- ( B2 ) Time and one half of the hourly rate after 40 hours per week
- ( C ) Double the hourly rate after 7 hours per day
- ( C1 ) Double the hourly rate after 7 and one half hours per day
- ( D ) Double the hourly rate after 8 hours per day
- ( D1 ) Double the hourly rate after 9 hours per day
- ( E ) Time and one half of the hourly rate on Saturday
- ( E1 ) Time and one half 1st 4 hours on Saturday; Double the hourly rate all additional Saturday hours
- ( E2 ) Saturday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather
- ( E3 ) Between November 1st and March 3rd Saturday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather, provided a given employee has worked between 16 and 32 hours that week
- ( E4 ) Saturday and Sunday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather
- ( E5 ) Double time after 8 hours on Saturdays
- ( F ) Time and one half of the hourly rate on Saturday and Sunday
- ( G ) Time and one half of the hourly rate on Saturday and Holidays
- ( H ) Time and one half of the hourly rate on Saturday, Sunday, and Holidays
- ( I ) Time and one half of the hourly rate on Sunday
- ( J ) Time and one half of the hourly rate on Sunday and Holidays
- ( K ) Time and one half of the hourly rate on Holidays
- ( L ) Double the hourly rate on Saturday
- ( M ) Double the hourly rate on Saturday and Sunday
- ( N ) Double the hourly rate on Saturday and Holidays
- ( O ) Double the hourly rate on Saturday, Sunday, and Holidays
- ( P ) Double the hourly rate on Sunday
- ( Q ) Double the hourly rate on Sunday and Holidays
- ( R ) Double the hourly rate on Holidays
- ( S ) Two and one half times the hourly rate for Holidays

- ( S1 ) Two and one half times the hourly rate the first 8 hours on Sunday or Holidays One and one half times the hourly rate all additional hours.
- ( T ) Triple the hourly rate for Holidays
- ( U ) Four times the hourly rate for Holidays
- ( V ) Including benefits at SAME PREMIUM as shown for overtime
- ( W ) Time and one half for benefits on all overtime hours.
- ( X ) Benefits payable on Paid Holiday at straight time. If worked, additional benefit amount will be required for worked hours. (Refer to other codes listed.)

## Holiday Codes

### PAID Holidays:

Paid Holidays are days for which an eligible employee receives a regular day's pay, but is not required to perform work. If an employee works on a day listed as a paid holiday, this remuneration is in addition to payment of the required prevailing rate for the work actually performed.

### OVERTIME Holiday Pay:

Overtime holiday pay is the premium pay that is required for work performed on specified holidays. It is only required where the employee actually performs work on such holidays. The applicable holidays are listed under HOLIDAYS: OVERTIME. The required rate of pay for these covered holidays can be found in the OVERTIME PAY section listings for each classification.

Following is an explanation of the code(s) listed in the HOLIDAY section of each classification contained in the attached schedule. The Holidays as listed below are to be paid at the wage rates at which the employee is normally classified.

- ( 1 )        None
- ( 2 )        Labor Day
- ( 3 )        Memorial Day and Labor Day
- ( 4 )        Memorial Day and July 4th
- ( 5 )        Memorial Day, July 4th, and Labor Day
- ( 6 )        New Year's, Thanksgiving, and Christmas
- ( 7 )        Lincoln's Birthday, Washington's Birthday, and Veterans Day
- ( 8 )        Good Friday
- ( 9 )        Lincoln's Birthday
- ( 10 )       Washington's Birthday
- ( 11 )       Columbus Day
- ( 12 )       Election Day
- ( 13 )       Presidential Election Day
- ( 14 )       1/2 Day on Presidential Election Day
- ( 15 )       Veterans Day
- ( 16 )       Day after Thanksgiving
- ( 17 )       July 4th
- ( 18 )       1/2 Day before Christmas
- ( 19 )       1/2 Day before New Years
- ( 20 )       Thanksgiving
- ( 21 )       New Year's Day
- ( 22 )       Christmas
- ( 23 )       Day before Christmas
- ( 24 )       Day before New Year's
- ( 25 )       Presidents' Day
- ( 26 )       Martin Luther King, Jr. Day
- ( 27 )       Memorial Day
- ( 28 )       Easter Sunday

( 29 )      Juneteenth

**New York State Department of Labor - Bureau of Public Work**  
**State Office Building Campus**  
**Building 12 - Room 130**  
**Albany, New York 12226**

**REQUEST FOR WAGE AND SUPPLEMENT INFORMATION**

As Required by Articles 8 and 9 of the NYS Labor Law

Fax (518) 485-1870 or mail this form for new schedules or for determination for additional occupations.

**This Form Must Be Typed**

Submitted By:

(Check Only One) ☐ Contracting Agency ☐ Architect or Engineering Firm ☐ Public Work District Office Date:

**A. Public Work Contract to be let by:** (Enter Data Pertaining to Contracting/Public Agency)

1. Name and complete address ☐ (Check if new or change)

Telephone

Fax

E-Mail:

2. NY State Units (see Item 5).

☐ 01 DOT

☐ 02 OGS

☐ 03 Dormitory Authority

☐ 04 State University  
Construction Fund

☐ 05 Mental Hygiene  
Facilities Corp.

☐ 06 OTHER N.Y. STATE UNIT

☐ 07 City

☐ 08 Local School District

☐ 09 Special Local District, i.e.,  
Fire, Sewer, Water District

☐ 10 Village

☐ 11 Town

☐ 12 County

☐ 13 Other Non-N.Y. State  
(Describe)

3. SEND REPLY TO ☐ (check if new or change)  
Name and complete address:

Telephone

Fax

E-Mail:

4. SERVICE REQUIRED. Check appropriate box and provide project information.

☐ New Schedule of Wages and Supplements.

APPROXIMATE BID DATE :

☐ Additional Occupation and/or Redetermination

PRC NUMBER ISSUED PREVIOUSLY FOR  
THIS PROJECT :

OFFICE USE ONLY

**B. PROJECT PARTICULARS**

5. Project Title \_\_\_\_\_

Description of Work \_\_\_\_\_

Contract Identification Number \_\_\_\_\_

Note: For NYS units, the OSC Contract No. \_\_\_\_\_

6. Location of Project:

Location on Site \_\_\_\_\_

Route No/Street Address \_\_\_\_\_

Village or City \_\_\_\_\_

Town \_\_\_\_\_

County \_\_\_\_\_

7. Nature of Project - Check One:

- ☐ 1. New Building  
☐ 2. Addition to Existing Structure  
☐ 3. Heavy and Highway Construction (New and Repair)  
☐ 4. New Sewer or Waterline  
☐ 5. Other New Construction (Explain)  
☐ 6. Other Reconstruction, Maintenance, Repair or Alteration  
☐ 7. Demolition  
☐ 8. Building Service Contract

8. OCCUPATION FOR PROJECT :

- ☐ Construction (Building, Heavy  
Highway/Sewer/Water)  
☐ Tunnel  
☐ Residential  
☐ Landscape Maintenance  
☐ Elevator maintenance  
☐ Exterminators, Fumigators  
☐ Fire Safety Director, NYC Only

- ☐ Fuel Delivery  
☐ Guards, Watchmen  
☐ Janitors, Porters, Cleaners,  
Elevator Operators  
☐ Moving furniture and  
equipment  
☐ Trash and refuse removal  
☐ Window cleaners  
☐ Other (Describe)

9. Does this project comply with the Wicks Law involving separate bidding? YES ☐ NO ☐

10. Name and Title of Requester

**Signature**



NEW YORK STATE DEPARTMENT OF LABOR  
Bureau of Public Work - Debarment List

**LIST OF EMPLOYERS INELIGIBLE TO BID ON OR BE  
AWARDED ANY PUBLIC WORK CONTRACT**

Under Article 8 and Article 9 of the NYS Labor Law, a contractor, sub-contractor and/or its successor shall be debarred and ineligible to submit a bid on or be awarded any public work or public building service contract/sub-contract with the state, any municipal corporation or public body for a period of five (5) years from the date of debarment when:

- Two (2) final determinations have been rendered within any consecutive six-year (6) period determining that such contractor, sub-contractor and/or its successor has WILLFULLY failed to pay the prevailing wage and/or supplements;
- One (1) final determination involves falsification of payroll records or the kickback of wages and/or supplements.

The agency issuing the determination and providing the information, is denoted under the heading 'Fiscal Officer'. DOL = New York State Department of Labor; NYC = New York City Comptroller's Office; AG = New York State Attorney General's Office; DA = County District Attorney's Office.

**Debarment Database:** To search for contractors, sub-contractors and/or their successors debarred from bidding or being awarded any public work contract or subcontract under NYS Labor Law Articles 8 and 9, or under NYS Workers' Compensation Law Section 141-b, access the database at this link: <https://apps.labor.ny.gov/EDList/searchPage.do>

**For inquiries where WCB is listed as the "Agency", please call 1-866-546-9322**



**NYSDOL Bureau of Public Work Debarment List 12/22/2023**

**Article 8**

AGENCY	Fiscal Officer	FEIN	EMPLOYER NAME	EMPLOYER DBA NAME	ADDRESS	DEBARMENT START DATE	DEBARMENT END DATE
DOL	DOL	*****5754	0369 CONTRACTORS, LLC		515 WEST AVE UNIT PH 13NORWALK CT 06850	05/12/2021	05/12/2026
DOL	DOL	*****4018	ADIRONDACK BUILDING RESTORATION INC.		4156 WILSON ROAD EAST TABERG NY 13471	03/26/2019	03/26/2024
DOL	AG	*****1812	ADVANCED BUILDERS & LAND DEVELOPMENT, INC.		400 OSER AVE #2300HAUPPAUGE NY 11788	09/11/2019	09/11/2024
DOL	DOL	*****1687	ADVANCED SAFETY SPRINKLER INC		261 MILL ROAD P.O BOX 296EAST AURORA NY 14052	05/29/2019	05/29/2024
DOL	NYC		ALL COUNTY SEWER & DRAIN, INC.		7 GREENFIELD DR WARWICK NY 10990	03/25/2022	03/25/2027
DOL	NYC		AMJED PARVEZ		401 HANOVER AVENUE STATEN ISLAND NY 10304	01/11/2021	01/11/2026
DOL	DOL		ANGELO F COKER		2610 SOUTH SALINA STREET SUITE 14SYRACUSE NY 13205	09/17/2020	09/17/2025
DOL	DOL		ANGELO GARCIA		515 WEST AVE UNIT PH 13NORWALK CT 06850	05/12/2021	05/12/2026
DOL	DOL		ANGELO TONDO		449 WEST MOMBSHA ROAD MONROE NY 10950	06/06/2022	06/06/2027
DOL	DOL		ANITA SALERNO		158 SOLAR ST SYRACUSE NY 13204	01/07/2019	01/07/2024
DOL	DOL	*****4231	ANKER'S ELECTRIC SERVICE, INC.		10 SOUTH 5TH ST LOCUST VALLEY NY 11560	09/26/2022	09/26/2027
DOL	NYC		ARADCO CONSTRUCTION CORP		115-46 132RD ST SOUTH OZONE PARK NY 11420	09/17/2020	09/17/2025
DOL	DOL		ARNOLD A. PAOLINI		1250 BROADWAY ST BUFFALO NY 14212	02/03/2020	02/03/2025
DOL	NYC		ARSHAD MEHMOOD		168-42 88TH AVENUE JAMAICA NY 11432	11/20/2019	11/20/2024
DOL	NYC		AVM CONSTRUCTION CORP		117-72 123RD ST SOUTH OZONE PARK NY 11420	09/17/2020	09/17/2025
DOL	NYC		AZIDABEGUM		524 MCDONALD AVENUE BROOKLYN NY 11218	09/17/2020	09/17/2025
DOL	DOL	*****8421	B & B DRYWALL, INC		206 WARREN AVE APT 1WHITE PLAINS NY 10603	12/14/2021	12/14/2026
DOL	NYC		BALWINDER SINGH		421 HUDSON ST SUITE C5NEW YORK NY 10014	02/20/2019	02/20/2024
DOL	NYC	*****8416	BEAM CONSTRUCTION, INC.		50 MAIN ST WHITE PLAINS NY 10606	01/04/2019	01/04/2024
DOL	DOL		BERNARD BEGLEY		38 LONG RIDGE ROAD BEDFORD NY 10506	12/18/2019	12/18/2024
DOL	NYC	*****2113	BHW CONTRACTING, INC.		401 HANOVER AVENUE STATEN ISLAND NY 10304	01/11/2021	01/11/2026
DOL	DOL	*****3627	BJB CONSTRUCTION CORP.		38 LONG RIDGE ROAD BEDFORD NY 10506	12/18/2019	12/18/2024
DOL	DOL	*****5078	BLACK RIVER TREE REMOVAL, LLC		29807 ANDREWS ROAD BLACK RIVER NY 13032	10/17/2023	10/17/2028
DOL	DOL	*****4512	BOB BRUNO EXCAVATING, INC		5 MORNINGSIDE DR AUBURN NY 13021	05/28/2019	05/28/2024
DOL	DOL		BOGDAN MARKOVSKI		370 W. PLEASANTVIEW AVE SUITE 2.329HACKENSACK NJ 07601	02/11/2019	02/11/2024
DOL	DOL		BRADLEY J SCHUKA		4 BROTHERS ROAD WAPPINGERS FALLS NY 12590	10/20/2020	10/20/2025
DOL	DOL	*****9383	C.C. PAVING AND EXCAVATING, INC.		2610 SOUTH SALINA ST SUITE 12SYRACUSE NY 13205	09/17/2020	09/17/2025
DOL	DOL	*****4083	C.P.D. ENTERPRISES, INC		P.O BOX 281 WALDEN NY 12586	03/03/2020	03/03/2025
DOL	DOL	*****5161	CALADRI DEVELOPMENT CORP.		1223 PARK ST. PEEKSKILL NY 10566	05/17/2021	05/17/2026
DOL	DOL	*****3391	CALI ENTERPRISES, INC.		1223 PARK STREET PEEKSKILL NY 10566	05/17/2021	05/17/2026
DOL	NYC		CALVIN WALTERS		465 EAST THIRD ST MT. VERNON NY 10550	09/09/2019	09/09/2024
DOL	DOL	*****4155	CASA BUILDERS, INC.	FRIEDLANDER CONSTRUCTI ON	64 N PUTT CONNERS ROAD NEW PALTZ NY 12561	05/10/2023	05/10/2028
DOL	AG	*****7247	CENTURY CONCRETE CORP		2375 RAYNOR ST RONKONKOMA NY 11779	08/04/2021	08/04/2026

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DOL	DOL	*****0026	CHANTICLEER CONSTRUCTION LLC		4 BROTHERS ROAD WAPPINGERS FALLS NY 12590	10/20/2020	10/20/2025
DOL	NYC	*****2117	CHARAN ELECTRICAL ENTERPRISES		9-11 40TH AVENUE LONG ISLAND CITY NY 11101	09/26/2023	09/26/2028
DOL	NYC		CHARLES ZAHRADKA		863 WASHINGTON STREET FRANKLIN SQUARE NY 11010	03/10/2020	03/10/2025
DOL	DOL		CHRISTOPHER GRECO		26 NORTH MYRTLE AVENUE SPRING VALLEY NY 10956	02/18/2021	02/18/2026
DOL	DOL		CHRISTOPHER PAPASTEFANOU A/K/A CHRIS PAPASTEFANOU		1445 COMMERCE AVE BRONX NY 10461	05/30/2019	05/30/2024
DOL	DOL		CRAIG JOHANSEN		10 SOUTH 5TH ST LOCUST VALLEY NY 11560	09/26/2022	09/26/2027
DOL	DOL	*****3228	CROSS-COUNTY LANDSCAPING AND TREE SERVICE, INC.	ROCKLAND TREE SERVICE	26 NORTH MYRTLE AVENUE SPRING VALLEY NY 10956	02/18/2021	02/18/2026
DOL	DOL	*****2524	CSI ELECTRICAL & MECHANICAL INC		42-32 235TH ST DOUGLSTON NY 11363	01/14/2019	01/14/2024
DOL	DOL	*****7619	DANCO CONSTRUCTION UNLIMITED INC.		485 RAFT AVENUE HOLBROOK NY 11741	10/19/2021	10/19/2026
DOL	DOL		DANIEL ROBERT MCNALLY		7 GREENFIELD DRIVE WARWICK NY 10990	03/25/2022	03/25/2027
DOL	DOL		DARIAN L COKER		2610 SOUTH SALINA ST SUITE 2CSYRACUSE NY 13205	09/17/2020	09/17/2025
DOL	DOL		DAVID FRIEDLANDER		64 NORTH PUTT CORNERS RD NEW PALTZ NY 12561	05/10/2023	05/10/2028
DOL	NYC		DAVID WEINER		14 NEW DROP LANE 2ND FLOORSTATEN ISLAND NY 10306	11/14/2019	11/14/2024
DOL	DOL		DELPHI PAINTING & DECORATING CO INC		1445 COMMERCE AVE BRONX NY 10461	05/30/2019	05/30/2024
DOL	DOL		DINA TAYLOR		64 N PUTT CONNERS RD NEW PALTZ NY 12561	05/10/2023	05/10/2028
DOL	DOL	*****5175	EAGLE MECHANICAL AND GENERAL CONSTRUCTION LLC		11371 RIDGE RD WOLCOTT NY 14590	02/03/2020	02/03/2025
DOL	AG		EDWIN HUTZLER		23 NORTH HOWELLS RD BELLPORT NY 11713	08/04/2021	08/04/2026
DOL	DA		EDWIN HUTZLER		2375 RAYNOR STREET RONKONKOMA NY 11779	08/04/2021	08/04/2026
DOL	DOL	*****0780	EMES HEATING & PLUMBING CONTR		5 EMES LANE MONSEY NY 10952	01/20/2002	01/20/3002
DOL	NYC	*****5917	EPOCH ELECTRICAL, INC		97-18 50TH AVE CORONA NY 11368	04/19/2018	04/19/2024
DOL	DOL		FAIGY LOWINGER		11 MOUNTAIN RD 28 VAN BUREN DRMONROE NY 10950	03/20/2019	03/20/2024
DOL	DA		FREDERICK HUTZLER		2375 RAYNOR STREET RONKONKOMA NY 11779	08/04/2021	08/04/2026
DOL	NYC	*****6616	G & G MECHANICAL ENTERPRISES, LLC.		1936 HEMPSTEAD TURNPIKE EAST MEDOW NY 11554	11/29/2019	11/29/2024
DOL	DOL		GABRIEL FRASSETTI			04/10/2019	04/10/2024
DOL	NYC		GAYATRI MANGRU		21 DAREWOOD LANE VALLEY STREAM NY 11581	09/17/2020	09/17/2025
DOL	DA		GEORGE LUCEY		150 KINGS STREET BROOKLYN NY 11231	01/19/1998	01/19/2998
DOL	DOL		GIGI SCHNECKENBURGER		261 MILL RD EAST AURORA NY 14052	05/29/2019	05/29/2024
DOL	DA		GIOVANNA TRAVAJA		3735 9TH ST LONG ISLAND CITY NY 11101	01/05/2023	01/05/2028
DOL	DA	*****0213	GORILLA CONTRACTING GROUP, LLC		505 MANHATTAN AVE WEST BABYLON NY 11704	10/05/2023	10/05/2028
DOL	DOL		HANS RATH		24 ELDOR AVENUE NEW CITY NY 10956	02/03/2020	02/03/2025
DOL	DOL		HERBERT CLEMEN		42 FOWLER AVENUE CORTLAND MANOR NY 10567	01/24/2023	01/24/2028
DOL	DOL		HERBERT CLEMEN		42 FOWLER AVENUE CORTLAND MANOR NY 10567	10/25/2022	10/25/2027
DOL	DOL		IRENE KASELIS		32 PENNINGTON AVE WALDWICK NJ 07463	05/30/2019	05/30/2024
DOL	DOL	*****9211	J. WASE CONSTRUCTION CORP.		8545 RT 9W ATHENS NY 12015	03/09/2021	03/09/2026
DOL	DOL		J.M.J CONSTRUCTION		151 OSTRANDER AVENUE SYRACUSE NY 13205	11/21/2022	11/21/2027

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DOL	DOL		J.R. NELSON CONSTRUCTION		531 THIRD STREET ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL		J.R. NELSON CONSTRUCTION		531 THIRD STREET ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL		J.R. NELSON, LLC		531 THIRD STREET ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL		J.R. NELSON, LLC		531 THIRD STREET ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL		J.R.N COMPANIES, LLC		531 THIRD STREET ALBANY NY 12206	12/12/2022	12/12/2027
DOL	DOL		J.R.N COMPANIES, LLC		531 THIRD STREET ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL	*****1147	J.R.N. CONSTRUCTION, LLC		531 THIRD ST ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL	*****1147	J.R.N. CONSTRUCTION, LLC		531 THIRD ST ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL		JAMES J. BAKER		7901 GEE ROAD CANASTOTA NY 13032	08/17/2021	08/17/2026
DOL	DOL		JASON P. RACE		3469 STATE RT. 69 PERISH NY 13131	09/29/2021	09/29/2026
DOL	DOL		JASON P. RACE		3469 STATE RT. 69 PERISH NY 13131	02/09/2022	02/09/2027
DOL	DOL		JASON P. RACE		3469 STATE RT. 69 PERISH NY 13131	11/15/2022	11/15/2027
DOL	DOL		JASON P. RACE		3469 STATE RT. 69 PERISH NY 13131	03/01/2022	03/01/2027
DOL	DOL	*****7993	JBS DIRT, INC.		7901 GEE ROAD CANASTOTA NY 13032	08/17/2021	08/17/2026
DOL	DOL	*****2435	JEFFEL D. JOHNSON	JMJ7 AND SON	5553 CAIRNSTRAIL CLAY NY 13041	11/21/2022	11/21/2027
DOL	DOL		JEFFEL JOHNSON ELITE CARPENTER REMODEL AND CONSTRUCTION		C2 EVERGREEN CIRCLE LIVERPOOL NY 13090	11/21/2022	11/21/2027
DOL	DOL	*****2435	JEFFREY M. JOHNSON	JMJ7 AND SON	5553 CAIRNS TRAIL CLAY NY 13041	11/21/2022	11/21/2027
DOL	NYC		JENNIFER GUERRERO		1936 HEMPSTEAD TURNPIKE EAST MEADOW NY 11554	11/29/2019	11/29/2024
DOL	DOL		JIM PLAUGHER		17613 SANTE FE LINE ROAD WAYNEFIELD OH 45896	07/16/2021	07/16/2026
DOL	DOL		JMJ7 & SON CONSTRUCTION, LLC		5553 CAIRNS TRAIL LIVERPOOL NY 13041	11/21/2022	11/21/2027
DOL	DOL		JMJ7 AND SONS CONTRACTORS		5553 CAIRNS TRAIL CLAY NY 13041	11/21/2022	11/21/2027
DOL	DOL		JMJ7 CONTRACTORS		7014 13TH AVENUE BROOKLYN NY 11228	11/21/2022	11/21/2027
DOL	DOL		JMJ7 CONTRACTORS AND SONS		5553 CAIRNS TRAIL CLAY NY 13041	11/21/2022	11/21/2027
DOL	DOL		JMJ7 CONTRACTORS, LLC		5553 CAIRNS TRAIL CLAY NY 13041	11/21/2022	11/21/2027
DOL	DOL		JOHN GOCEK		14B COMMERCIAL AVE ALBANY NY 12065	11/14/2019	11/14/2024
DOL	DOL		JOHN MARKOVIC		47 MANDON TERRACE HAWTHORN NJ 07506	03/29/2021	03/29/2026
DOL	DOL		JOHN WASE		8545 RT 9W ATHENS NY 12015	03/09/2021	03/09/2026
DOL	DOL		JON E DEYOUNG		261 MILL RD P.O BOX 296EAST AURORA NY 14052	05/29/2019	05/29/2024
DOL	DOL		JORGE RAMOS		8970 MIKE GARCIA DR MANASSAS VA 20109	07/16/2021	07/16/2026
DOL	DOL		JOSEPH K. SALERNO		1010 TILDEN AVE UTICA NY 13501	07/24/2023	07/24/2028
DOL	DOL		JOSEPH K. SALERNO II		1010 TILDEN AVE UTICA NY 13501	07/24/2023	07/24/2028
DOL	DOL	*****5116	JP RACE PAINTING, INC. T/A RACE PAINTING		3469 STATE RT. 69 PERISH NY 13131	02/09/2022	02/09/2027
DOL	DOL	*****5116	JP RACE PAINTING, INC. T/A RACE PAINTING		3469 STATE RT. 69 PERISH NY 13131	11/15/2022	11/15/2027
DOL	DOL	*****5116	JP RACE PAINTING, INC. T/A RACE PAINTING		3469 STATE RT. 69 PERISH NY 13131	09/29/2021	09/29/2026
DOL	DOL	*****5116	JP RACE PAINTING, INC. T/A RACE PAINTING		3469 STATE RT. 69 PERISH NY 13131	03/01/2022	03/01/2027
DOL	DOL	*****5116	JP RACE PAINTING, INC. T/A RACE PAINTING		3469 STATE RT. 69 PERISH NY 13131	03/01/2022	03/01/2027

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DOL	DOL	*****1147	JRN CONSTRUCTION, LLC		531 THIRD STREET ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL	*****1147	JRN CONSTRUCTION, LLC		531 THIRD STREET ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL		JRN PAVING, LLC		531 THIRD STREET ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL		JRN PAVING, LLC		531 THIRD STREET ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL		JULIUS AND GITA BEHREND		5 EMES LANE MONSEY NY 10952	11/20/2002	11/20/3002
DOL	DOL		KARIN MANGIN		796 PHELPS ROAD FRANKLIN LAKES NJ 07417	12/01/2020	12/01/2025
DOL	DOL		KATE E. CONNOR		7088 INTERSTATE ISLAND RD SYRACUSE NY 13209	03/31/2021	03/31/2026
DOL	DOL	*****2959	KELC DEVELOPMENT, INC		7088 INTERSTATE ISLAND RD SYRACUSE NY 13209	03/31/2021	03/31/2026
DOL	DOL		KIMBERLY F. BAKER		7901 GEE ROAD CANASTOTA NY 13032	08/17/2021	08/17/2026
DOL	DOL		KMA GROUP II, INC.		29-10 38TH AVENUE LONG ISLAND CITY NY 11101	10/11/2023	10/11/2028
DOL	DOL	*****1833	KMA GROUP INC.		29-10 38TH AVENUE LONG ISLAND CITY NY 11101	10/11/2023	10/11/2028
DOL	DOL		KMA INSULATION, INC.		29-10 38TH AVENUE LONG ISLAND CITY NY 11101	10/11/2023	10/11/2028
DOL	NYC		KULWANT S. DEOL		9-11 40TH AVENUE LONG ISLAND CITY NY 11101	09/26/2023	09/26/2028
DOL	DA	*****8816	LAKE CONSTRUCTION AND DEVELOPMENT CORPORATION		150 KINGS STREET BROOKLYN NY 11231	08/19/1998	08/19/2998
DOL	DOL		LEROY E. NELSON JR		531 THIRD ST ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL		LEROY E. NELSON JR		531 THIRD ST ALBANY NY 12206	12/22/2022	12/22/2027
DOL	AG	*****3291	LINTECH ELECTRIC, INC.		3006 TILDEN AVE BROOKLYN NY 11226	02/16/2022	02/16/2027
DOL	DOL		LOUIS A. CALICCHIA		1223 PARK ST. PEEKSKILL NY 10566	05/17/2021	05/17/2026
DOL	NYC		LUBOMIR PETER SVOBODA		27 HOUSMAN AVE STATEN ISLAND NY 10303	12/26/2019	12/26/2024
DOL	NYC		M & L STEEL & ORNAMENTAL IRON CORP.		27 HOUSMAN AVE STATEN ISLAND NY 10303	12/26/2019	12/26/2024
DOL	DOL	*****2196	MAINSTREAM SPECIALTIES, INC.		11 OLD TOWN RD SELKIRK NY 12158	02/02/2021	02/02/2026
DOL	DA		MANUEL P TOBIO		150 KINGS STREET BROOKLYN NY 14444	08/19/1998	08/19/2998
DOL	DA		MANUEL TOBIO		150 KINGS STREET BROOKLYN NY 11231	08/19/1998	08/19/2998
DOL	NYC		MAREK FABIJANOWSKI		50 MAIN ST WHITE PLAINS NY 10606	01/04/2019	01/04/2024
DOL	NYC		MARIA NUBILE		84-22 GRAND AVENUE ELMHURST NY 11373	03/10/2020	03/10/2025
DOL	DOL		MATTHEW P. KILGORE		4156 WILSON ROAD EAST TABERG NY 13471	03/26/2019	03/26/2024
DOL	DOL	*****4829	MILESTONE ENVIRONMENTAL CORPORATION		704 GINESI DRIVE SUITE 29MORGANVILLE NJ 07751	04/10/2019	04/10/2024
DOL	NYC	*****9926	MILLENNIUM FIRE PROTECTION, LLC		325 W. 38TH STREET SUITE 204NEW YORK NY 10018	11/14/2019	11/14/2024
DOL	NYC	*****0627	MILLENNIUM FIRE SERVICES, LLC		14 NEW DROP LNE 2ND FLOORSTATEN ISLAND NY 10306	11/14/2019	11/14/2024
DOL	DOL	*****1320	MJC MASON CONTRACTING, INC.		42 FOWLER AVENUE CORTLAND MANOR NY 10567	10/25/2022	10/25/2027
DOL	DOL	*****1320	MJC MASON CONTRACTING, INC.		42 FOWLER AVENUE CORTLAND MANOR NY 10567	01/24/2023	01/24/2028
DOL	NYC		MUHAMMED A. HASHEM		524 MCDONALD AVENUE BROOKLYN NY 11218	09/17/2020	09/17/2025
DOL	NYC		NAMOW, INC.		84-22 GRAND AVENUE ELMHURST NY 11373	03/10/2020	03/10/2025
DOL	DOL	*****7790	NATIONAL BUILDING & RESTORATION CORP		1010 TILDEN AVE UTICA NY 13501	07/24/2023	07/24/2028
DOL	DOL	*****1797	NATIONAL CONSTRUCTION SERVICES, INC		1010 TILDEN AVE UTICA NY 13501	07/24/2023	07/24/2028

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DOL	NYC		NAVIT SINGH		402 JERICHO TURNPIKE NEW HYDE PARK NY 11040	08/10/2022	08/10/2027
DOL	DA		NICHOLAS T. ANALITIS		505 MANHATTAN AVE WEST BABYLON NY 11704	10/05/2023	10/05/2028
DOL	DOL		NICHOLE E. FRASER A/K/A NICHOLE RACE		3469 STATE RT. 69 PERISH NY 13131	03/01/2022	03/01/2027
DOL	DOL		NICHOLE E. FRASER A/K/A NICHOLE RACE		3469 STATE RT. 69 PERISH NY 13131	11/15/2022	11/15/2027
DOL	DOL		NICHOLE E. FRASER A/K/A NICHOLE RACE		3469 STATE RT. 69 PERISH NY 13131	09/29/2021	09/29/2026
DOL	DOL		NICHOLE E. FRASER A/K/A NICHOLE RACE		3469 STATE RT. 69 PERISH NY 13131	02/09/2022	02/09/2027
DOL	DOL	*****7429	NICOLAE I. BARBIR	BESTUCCO CONSTRUCTI ON, INC.	444 SCHANTZ ROAD ALLEN TOWN PA 18104	09/17/2020	09/17/2025
DOL	NYC	*****5643	NYC LINE CONTRACTORS, INC.		402 JERICHO TURNPIKE NEW HYDE PARK NY 11040	08/10/2022	08/10/2027
DOL	DOL		PAULINE CHAHALES		935 S LAKE BLVD MAHOPAC NY 10541	03/02/2021	03/02/2026
DOL	DOL		PETER STEVENS		11 OLD TOWN ROAD SELKIRK NY 12158	02/02/2021	02/02/2026
DOL	DOL		PETER STEVENS		8269 21ST ST BELLEROSE NY 11426	12/22/2022	12/22/2027
DOL	DOL	*****0466	PRECISION BUILT FENCES, INC.		1617 MAIN ST PEEKSKILL NY 10566	03/03/2020	03/03/2025
DOL	NYC		RASHEL CONSTRUCTION CORP		524 MCDONALD AVENUE BROOKLYN NY 11218	09/17/2020	09/17/2025
DOL	DOL	*****1068	RATH MECHANICAL CONTRACTORS, INC.		24 ELDOR AVENUE NEW CITY NY 10956	02/03/2020	02/03/2025
DOL	DOL	*****2633	RAW POWER ELECTRIC CORP.		3 PARK CIRCLE MIDDLETOWN NY 10940	07/11/2022	07/11/2027
DOL	DA	*****7559	REGAL CONTRACTING INC.		24 WOODBINE AVE NORTHPORT NY 11768	10/01/2020	10/01/2025
DOL	DOL		RICHARD REGGIO		1617 MAIN ST PEEKSKILL NY 10566	03/03/2020	03/03/2025
DOL	DOL		ROBBYE BISSEAR		89-51 SPRINGFIELD BLVD QUEENS VILLAGE NY 11427	01/11/2003	01/11/3003
DOL	DOL		ROBERT A. VALERINO		3841 LANYARD COURT NEW PORT RICHEY FL 34652	07/09/2019	07/09/2024
DOL	DOL		ROBERT BRUNO		5 MORNINGSIDE DRIVE AUBURN NY 13021	05/28/2019	05/28/2024
DOL	DOL		ROMEO WARREN		161 ROBYN RD MONROE NY 10950	07/11/2022	07/11/2027
DOL	DOL		RONALD MESSEN		14B COMMERCIAL AVE ALBANY NY 12065	11/14/2019	11/14/2024
DOL	DOL	*****7172	RZ & AL INC.		198 RIDGE AVENUE VALLEY STREAM NY 11581	06/06/2022	06/06/2027
DOL	DOL	*****1365	S & L PAINTING, INC.		11 MOUNTAIN ROAD P.O BOX 408MONROE NY 10950	03/20/2019	03/20/2024
DOL	DOL		SAL FRESINA MASONRY CONTRACTORS, INC.		1935 TEALL AVENUE SYRACUSE NY 13206	07/16/2021	07/16/2026
DOL	DOL		SAL MASONRY CONTRACTORS, INC.		(SEE COMMENTS) SYRACUSE NY 13202	07/16/2021	07/16/2026
DOL	DOL	*****9874	SALFREE ENTERPRISES INC		P.O BOX 14 2821 GARDNER RDPOMPEI NY 13138	07/16/2021	07/16/2026
DOL	DOL		SALVATORE A FRESINA A/K/A SAM FRESINA		107 FACTORY AVE P.O BOX 11070SYRACUSE NY 13218	07/16/2021	07/16/2026
DOL	DOL		SAM FRESINA		107 FACTORY AVE P.O BOX 11070SYRACUSE NY 13218	07/16/2021	07/16/2026
DOL	NYC	*****0349	SAM WATERPROOFING INC		168-42 88TH AVENUE APT.1 AJAMAICA NY 11432	11/20/2019	11/20/2024
DOL	DA	*****0476	SAMCO ELECTRIC CORP.		3735 9TH ST LONG ISLAND CITY NY 11101	01/05/2023	01/05/2028
DOL	NYC	*****1130	SCANA CONSTRUCTION CORP.		863 WASHINGTON STREET FRANKLIN SQUARE NY 11010	03/10/2020	03/10/2025
DOL	DOL	*****2045	SCOTT DUFFIE	DUFFIE'S ELECTRIC, INC.	P.O BOX 111 CORNWALL NY 12518	03/03/2020	03/03/2025
DOL	DOL		SCOTT DUFFIE		P.O BOX 111 CORNWALL NY 12518	03/03/2020	03/03/2025
DOL	NYC	*****6597	SHAIRA CONSTRUCTION CORP.		421 HUDSON STREET SUITE C5NEW YORK NY 10014	02/20/2019	02/20/2024

**NYSDOL Bureau of Public Work Debarment List 12/22/2023**

**Article 8**

DOL	DOL		SHULEM LOWINGER		11 MOUNTAIN ROAD 28 VAN BUREN DRMONROE NY 10950	03/20/2019	03/20/2024
DOL	DA		SILVANO TRAVAJA		3735 9TH ST LONG ISLAND CITY NY 11101	01/05/2023	01/05/2028
DOL	DOL	*****0440	SOLAR GUYS INC.		8970 MIKE GARCIA DR MANASSAS VA 20109	07/16/2021	07/16/2026
DOL	NYC		SOMATIE RAMSUNAHAI		115-46 132ND ST SOUTH OZONE PARK NY 11420	09/17/2020	09/17/2025
DOL	DOL	*****2221	SOUTH BUFFALO ELECTRIC, INC.		1250 BROADWAY ST BUFFALO NY 14212	02/03/2020	02/03/2025
DOL	NYC	*****3661	SPANIER BUILDING MAINTENANCE CORP		200 OAK DRIVE SYOSSET NY 11791	03/14/2022	03/14/2027
DOL	DOL		STANADOS KALOGELAS		485 RAFT AVENUE HOLBROOK NY 11741	10/19/2021	10/19/2026
DOL	DOL	*****3496	STAR INTERNATIONAL INC		89-51 SPRINGFIELD BLVD QUEENS VILLAGE NY 11427	08/11/2003	08/11/3003
DOL	DOL	*****6844	STEAM PLANT AND CHX SYSTEMS INC.		14B COMMERCIAL AVENUE ALBANY NY 12065	11/14/2019	11/14/2024
DOL	DOL	*****9933	STEED GENERAL CONTRACTORS, INC.		1445 COMMERCE AVE BRONX NY 10461	05/30/2019	05/30/2024
DOL	DOL	*****9528	STEEL-IT, LLC.		17613 SANTE FE LINE ROAD WAYNESFIELD OH 45896	07/16/2021	07/16/2026
DOL	DOL		STEFANOS PAPAISTEFANOU, JR. A/K/A STEVE PAPAISTEFANOU, JR.		256 WEST SADDLE RIVER RD UPPER SADDLE RIVER NJ 07458	05/30/2019	05/30/2024
DOL	DOL	*****3800	SUBURBAN RESTORATION CO. INC.		5-10 BANTA PLACE FAIR LAWN PLACE NJ 07410	03/29/2021	03/29/2026
DOL	DOL	*****1060	SUNN ENTERPRISES GROUP, LLC		370 W. PLEASANTVIEW AVE SUITE 2.329HACKENSACK NJ 07601	02/11/2019	02/11/2024
DOL	DOL	*****9150	SURGE INC.		8269 21ST STREET BELLEROSSE NY 11426	12/22/2022	12/22/2027
DOL	DOL		SYED RAZA		198 RIDGE AVENUE NY 11581	06/06/2022	06/06/2027
DOL	DOL	*****8209	SYRACUSE SCALES, INC.		158 SOLAR ST SYRACUSE NY 13204	01/07/2019	01/07/2024
DOL	DOL		TERRY THOMPSON		11371 RIDGE RD WOLCOTT NY 14590	02/03/2020	02/03/2025
DOL	DOL	*****9733	TERSAL CONSTRUCTION SERVICES INC		107 FACTORY AVE P.O BOX 11070SYRACUSE NY 13208	07/16/2021	07/16/2026
DOL	DOL		TERSAL CONTRACTORS, INC.		221 GARDNER RD P.O BOX 14POMPEI NY 13138	07/16/2021	07/16/2026
DOL	DOL		TERSAL DEVELOPMENT CORP.		1935 TEALL AVENUE SYRACUSE NY 13206	07/16/2021	07/16/2026
DOL	DOL		TEST		P.O BOX 123 ALBANY NY 12204	05/20/2020	05/20/2025
DOL	DOL	*****6789	TEST1000		P.O BOX 123 ALBANY NY 12044	03/01/2021	03/01/2026
DOL	DOL	*****5766	THE COKER CORPORATION	COKER CORPORATIO N	2610 SOUTH SALINA ST SUITE 14SYRACUSE NY 13205	09/17/2020	09/17/2025
DOL	DOL		TIMOTHY PERCY		29807 ANDREWS ROAD BLACK RIVER NY 13612	10/17/2023	10/17/2028
DOL	DA	*****1050	TRI STATE CONSTRUCTION OF NY CORP.		50-39 175TH PLACE FRESH MEADOWS NY 11365	03/28/2022	03/28/2027
DOL	DA	*****4106	TRIPLE H CONCRETE CORP		2375 RAYNOR STREET RONKONKOMA NY 11779	08/04/2021	08/04/2026
DOL	DOL	*****8210	UPSTATE CONCRETE & MASONRY CONTRACTING CO INC		449 WEST MOMBSHA ROAD MONROE NY 10950	06/06/2022	06/06/2027
DOL	DOL	*****6418	VALHALLA CONSTRUCTION, LLC.		796 PHLEPS ROAD FRANKLIN LAKES NJ 07417	12/01/2020	12/01/2025
DOL	NYC	*****2426	VICKRAM MANGRU	VICK CONSTRUCTI ON	21 DAREWOOD LANE VALLEY STREAM NY 11581	09/17/2020	09/17/2025
DOL	NYC		VICKRAM MANGRU		21 DAREWOOD LANE VALLEY STREAM NY 11581	09/17/2020	09/17/2025
DOL	DOL		VICTOR ALICANTI		42-32 235TH ST DOUGLSTON NY 11363	01/14/2019	01/14/2024
DOL	DOL		VIKTORIA RATH		24 ELDOR AVENUE NEW CITY NY 10956	02/03/2020	02/03/2025
DOL	NYC	*****3673	WALTERS AND WALTERS, INC.		465 EAST AND THIRD ST MT. VERNON NY 10550	09/09/2019	09/09/2024

**NYSDOL Bureau of Public Work Debarment List    12/22/2023**

**Article 8**

DOL	DOL	*****3296	WESTERN NEW YORK CONTRACTORS, INC.		3841 LAYNARD COURT NEW PORT RICHEY FL 34652	07/09/2019	07/09/2024
DOL	DOL	*****8266	WILLIAM CHRIS MCCLENDON	MCCLENDON ASPHALT PAVING	1646 FALLS STREET NIAGARA FALLS NY 14303	05/01/2023	05/01/2028
DOL	DOL		WILLIAM CHRIS MCCLENDON		1646 FALLS STREET NIAGARA FALLS NY 14303	05/01/2023	05/01/2028
DOL	DOL		WILLIAM G. PROERFRIEDT		85 SPRUCEWOOD ROAD WEST BABYLON NY 11704	01/19/2021	01/19/2026
DOL	DOL	*****5924	WILLIAM G. PROPHY, LLC	WGP CONTRACTIN G, INC.	54 PENTAQUIT AVE BAYSHORE NY 11706	01/19/2021	01/19/2026
DOL	DOL		XENOFON EFTHIMIADIS		29-10 38TH AVENUE LONG ISLAND CITY NY 11101	10/11/2023	10/11/2028



<b>SCHEDULE OF SUBMITTALS</b>	
<b>PROJECT NO.: 47430-E</b>	
<b>FACILITY: BUILDING 144 COOK CHILL PRODUCTION CENTER</b>	
<b>CONTRACTOR:</b>	
<b>PROJECT MANAGER: FIKRET BASIC</b>	
<b>DESIGN CONSULTANT: FRIEDMAN FISHER ASSOCIATES</b>	
<b>ENGINEER-IN-CHARGE:</b>	
<p style="text-align: center;"><b>LEGEND</b></p> <p><b>PACK:</b> SUBMITTAL PACKAGE</p> <p><b>SD:</b> SHOP DRAWINGS</p> <p><b>PD:</b> PRODUCT DATA</p> <p><b>SAM:</b> SAMPLES</p> <p><b>QCS:</b> QUALITY CONTROL SUBMITTALS</p> <p><b>LEED:</b> LEED SUBMITTALS</p> <p><b>CCS:</b> CONTRACT CLOSEOUT SUBMITTALS</p> <p><b><u>SUBMITTAL REVIEW RESPONSIBILITY:</u></b>  <b>F:</b> OGS FIELD OFFICE  <b>F/O:</b> OGS FIELD OFFICE / OFFICE (ALBANY)  <b>D:</b> CONSULTANT / DESIGNER  <b>S:</b> OGS SCHEDULING DEPARTMENT  <b>RSM:</b> Regional Safety Manager</p>	<p style="text-align: center;"><b><u>INSTRUCTIONS TO THE CONTRACTOR</u></b></p> <ol style="list-style-type: none"> <li>1. Refer to <b>Section 013300 Submittals</b> of the Project Manual for general requirements regarding submittals and to <b>Section 017716 - CONTRACT CLOSEOUT</b> for project closeout submittals.</li> <li>2. Refer to Sections of the specifications indicated herein for details of the requirements for each submittal listed.</li> <li>3. Indicate in the rows (spaces) following each item:               <ol style="list-style-type: none"> <li>a. Critical submittals and long lead items (mark with an 'X'). Some critical submittals may already be identified by the design team. Confirm that these are critical submittals.</li> <li>b. The date the item will be submitted, and date approval is required (allow at least 3 weeks), and the date delivery of the material or equipment is necessary for completion of the work in accordance with the Progress Schedule. The date entered for the submittal is the last date a substitution will be considered. Proposed substitutions must be made prior to the date entered if more than one substitution is to be submitted for approval. Spaces which contain N/A do not require dates.</li> </ol> </li> <li>4. An example of a Submittal Transmittal (BDC-42) can be located at: <a href="http://www.ogs.ny.gov/BU/DC/forms/ContractorConstForms.asp">http://www.ogs.ny.gov/BU/DC/forms/ContractorConstForms.asp</a></li> <li>5. Submit Contract Closeout Submittals (CCS) prior to final inspection.</li> </ol> <p style="text-align: center;"><b><u>INSTRUCTIONS TO THE CONSULTANT / DESIGNER</u></b></p> <ol style="list-style-type: none"> <li>1. Cut and paste required information from each Division (Div.X) tab and place in the S.O.S. tab.</li> <li>2. Delete Division (Div.X) tabs after the S.O.S. tab has been in-filled.</li> <li>3. Indicate F, F/O or D in column E. Items in Div.1 have defaults that can be modified as necessary.</li> <li>4. Indicate items that are critical submittals in column F.</li> </ol> <p><b><u>Note:</u></b>          The following list of submittals is furnished for your convenience in scheduling submittals. The list is not warranted to be complete and does not take precedence over the contract documents. Enter additional submittals, as required and modify this schedule to the specific project. This S.O.S. will be used to populate the submittals website log.</p>



## SCHEDULE OF SUBMITTALS

**PROJECT NO.: 47430-E**

SUBMITTALS FOR APPROVAL				Send to:	Critical Submittals	Contractor's Projected Dates Allow at least 4 weeks for Approval (allows time for any resubmission)		
Spec Section	Sub Section	Type	Description	F F/O D S	Mark "X" for all that apply	Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
<b>007213</b>			<b>GENERAL CONDITIONS</b>					
<b>007213</b>		<b>PD</b>	ARTICLE 6: Designate in writing competent supervision and/or management representatives as required - <b>include contact number in case of an emergency after work hours, including weekends and holidays (see 011000 Summary of Work)</b>	F				
<b>007213</b>		<b>PD</b>	ARTICLE 8: Permits and licenses	F				
<b>011100</b>			<b>SAFETY</b>					
<b>011100</b>		<b>QCS</b>	Site Specific Safety Plan	RSM				
<b>011100</b>		<b>QCS</b>	Employee Safety Orientation Training and Certificates	F				
<b>011100</b>		<b>QCS</b>	Emergency Action and Evacuation Plan	F				
<b>013113</b>			<b>PROJECT PLANNING AND SCHEDULING</b>					
<b>013110</b>			Baseline Agreement	F				
<b>013300</b>			<b>SUBMITTALS</b>					
<b>013300</b>		<b>PD</b>	Schedule of Submittals (This form completed and edited)	F	X			
<b>013300</b>		<b>QCS</b>	Proof of Payment	F	X			
<b>013300</b>		<b>QCS</b>	Submittal Coordinator Qualifications	F/O	X			
<b>017716</b>			<b>CONTRACT CLOSEOUT</b>					
<b>017716</b>		<b>CCS</b>	Project Record Documents	F				
<b>017716</b>		<b>CCS</b>	Operation and maintenance, 2 copies	F				
<b>017716</b>		<b>CCS</b>	Warranties	F				
<b>017716</b>		<b>CCS</b>	Spare Parts and Maintenance Materials	F				
<b>023313</b>			<b>UNDERGROUND UTILITY LOCATOR SERVICE</b>					
<b>023313</b>		<b>PD</b>	Submit detailed experience and qualifications description of underground utility locator service	D				
<b>023313</b>		<b>QCS</b>	Investigative Report	D				
<b>260519</b>			<b>WIRING, GENERAL - 600 VOLTS AND UNDER</b>					
<b>260519</b>		<b>PD</b>	Insulated Conductors and Cables	D				
<b>260519</b>		<b>PD</b>	Connectors	D				
<b>260519</b>		<b>PD</b>	Tapes	D				
<b>260519</b>		<b>PD</b>	Wire Pulling Compounds	D				
<b>260519</b>		<b>PD</b>	Tags	D				
<b>260519</b>		<b>PD</b>	Wire Management Products	D				
<b>260529</b>			<b>FASTENERS, ATTACHMENTS, AND SUPPORTING DEVICES</b>					

# SCHEDULE OF SUBMITTALS

PROJECT NO.: 47430-E

SUBMITTALS FOR APPROVAL				Send to:	Critical Submittals	Contractor's Projected Dates Allow at least 4 weeks for Approval (allows time for any resubmission)		
Spec Section	Sub Section	Type	Description	F F/O D S	Mark "X" for all that apply	Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
260529		SD	Show support details if different from methods specified or shown on the drawings.	D				
260529		PD	Sleeve Anchors	D				
260529		PD	Self-Drilling Anchors	D				
260529		PD	Non-Drilling Anchors	D				
260529		PD	Stud Anchors	D				
260529		PD	Standard Nuts and Bolts	D				
260529		PD	Lag Screws	D				
260529		PD	Machine Bolts	D				
260529		PD	Wood Screws	D				
260529		PD	Plain Washers	D				
260529		PD	Lock Washers	D				
260529		PD	Toggle Bolts	D				
260529		PD	Hanger Rods	D				
260529		PD	"C" Beam Clamps with Conduit Hangers	D				
260529		PD	"C" Beam Clamps for Hanger Rods	D				
260529		PD	Channel Support System	D				
260529		PD	Side Beam Fittings	D				
260529		PD	Pipe Straps	D				
260529		PD	Deck Clamps	D				
260529		PD	Fixture Stud and Strap	D				
260529		PD	Supporting Fasteners (Metal Stud Construction)	D				
260531			<b>EXPOSED CONDUIT - WET LOCATIONS</b>					
260531		PD	Rigid Ferrous Metal Conduit	D				
260531		PD	Liquid-tight Flexible Metal Conduit	D				
260531		PD	Connectors and Couplings - Couplings (For Rigid Metal Conduit)	D				
260531		PD	Connectors and Couplings - Watertight Conduit Hubs	D				
260531		PD	Connectors and Couplings - Liquid-tight Flexible Metal Conduit Connectors	D				
260531		PD	Conduit Bodies (Threaded)	D				
260531		PD	Expansion Fittings	D				
260531		PD	Deflection Fittings	D				
260531		PD	Sealing Fittings - Horizontal	D				
260531		PD	Sealing Fittings - Vertical with Drain	D				
260531		PD	Sealing Fittings - Other Type Fittings	D				
260531		PD	Service Entrance Caps/Heads	D				
260531		PD	Vertical Conductor Supports	D				
260531		PD	Conduit Clamps and Back Spacers	D				
260531		PD	Drains and Breathers	D				
260531		EPD	Environmental Product Declaration	D				
260532			<b>INTERIOR RACEWAYS, FITTINGS, AND ACCESSORIES</b>					
260532		PD	Rigid Ferrous Metal Conduit	D				
260532		PD	Liquid-tight Flexible Metal Conduit	D				
260532		PD	Wireways, Fittings and Accessories	D				
260532		PD	Insulated Bushings	D				

# SCHEDULE OF SUBMITTALS

PROJECT NO.: 47430-E

SUBMITTALS FOR APPROVAL				Send to:	Critical Submittals	Contractor's Projected Dates Allow at least 4 weeks for Approval (allows time for any resubmission)		
Spec Section	Sub Section	Type	Description	F F/O D S	Mark "X" for all that apply	Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
260532		PD	Insulated Grounding Bushings	D				
260532		PD	Connectors and Couplings	D				
260532		PD	Conduit Bodies (Threaded)	D				
260532		PD	Expansion Fittings	D				
260532		PD	Deflection Fittings	D				
260532		PD	Vertical Conductor Supports	D				
260532		PD	Pulling-In-Line For Installation in Spare and Empty Raceways	D				
260532		EPD	Environmental Product Declaration	D				
260534			<b>OUTLET, JUNCTION, AND PULL BOXES</b>					
260534		PD	Galvanized Steel Outlet Boxes	D				
260534		PD	Galvanized Steel Junctions and Pull Boxes	D				
260534		PD	Threaded Type Boxes	D				
260534		PD	Specific Purpose Boxes	D				
260534		PD	Finishing Collar	D				
260534		PD	Combination Finishing Collar/Outlet Box	D				
260534		PD	Outlet Boxes and Related Products for Fire Rated Construction	D				
260543			<b>UNDERGROUND CONDUIT SYSTEM</b>					
260543		PD	Rigid Ferrous Metal Conduit	D				
260543		PD	Rigid Nonmetallic Conduit And Fittings (Concrete Encased)	D				
260543		PD	Conduit Spacers and Levelers	D				
260543		PD	Duct Seal	D				
260543		PD	Drag Line	D				
260543		PD	Thru Wall Sealing Bushings	D				
260543		PD	End Bells	D				
260543		PD	Insulated Grounding Bushings	D				
260543		EPD	Environmental Product Data	D				
262416			<b>PANELBOARDS</b>					
262416		PACK	Submit the shop drawings, product data, and the quality control submittals specified below at the same time as a package.	D				
262416		SD	Cabinet and gutter size.	D				
262416		SD	Voltage and current rating	D				
262416		SD	Panelboard short circuit rating. Indicate if rating is Fully Rated Equipment Rating, or where acceptable, UL listed Integrated Equipment Short Circuit Rating	D				
262416		SD	Circuit breaker enumeration (frame, ATE, poles, I.C.)	D				
262416		SD	Accessories.	D				
262416		PD	Panelboards	D				
262416		PD	Surge Protective Devices	D				
262416		PD	Nameplates	D				
262416		QCS	List of Completed Installations	F				
262416		QCS	Company Field Advisor Data	F				
262416		CCS	System acceptance test report	F				

# SCHEDULE OF SUBMITTALS

PROJECT NO.: 47430-E

SUBMITTALS FOR APPROVAL				Send to:	Critical Submittals	Contractor's Projected Dates Allow at least 4 weeks for Approval (allows time for any resubmission)		
Spec Section	Sub Section	Type	Description	F F/O D S	Mark "X" for all that apply	Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
262416		CCS	Certificate: Affidavit, signed by the Company Field Advisor and notarized, certifying that the system meets the contract requirements and is operating properly.	F				
262416		CCS	Operation and Maintenance Data: Deliver 2 copies	F				
262726			<b>WIRING DEVICES</b>					
262726		PD	Local Switches, Single Pole	D				
262726		PD	Specification Grade Receptacles	D				
262726		PD	Federal Spec./NEMA Grade Receptacles	D				
262726		PD	Ground Fault Interrupter Receptacles	D				
262726		PD	Weather Resistant Ground Fault Interrupter Receptacles	D				
262726		PD	Special Purpose Receptacles	D				
262726		PD	Stainless Steel Wall Plates	D				
262726		PD	Nameplates	D				
310000			<b>EARTHWORK</b>					
310000		PD	Subbase Course Type 2	D				
310000		PD	Selected Fill	D				
310000		PD	Filter Fabric (GeoTextile)	D				
310000		SAM	Crushed Stone	D				
310000		SAM	Subbase Course Type 2	D				
310000		QCS	Subbase Materials	D				
310000		QCS	Other Aggregates	D				
310000		QCS	Excavation Procedure	D				

# SDVOB UTILIZATION PLAN

☐ Initial Plan    ☐ Revised plan    Contract/Solicitation # \_\_\_\_\_

**INSTRUCTIONS:** This Utilization Plan must contain a detailed description of the supplies and/or services to be provided by each NYS Certified Service-Disabled Veteran-Owned Business (SDVOB) under the contract. By submission of this Plan, the Bidder/Contractor commits to making good faith efforts in the utilization of SDVOB subcontractors and suppliers as required by the SDVOB goals contained in the Solicitation/Contract. Making false representations or providing information that shows a lack of good faith as part of, or in conjunction with, the submission of a Utilization Plan is prohibited by law and may result in penalties including, but not limited to, termination of a contract for cause, loss of eligibility to submit future bids, and/or withholding of payments. Firms that do not perform commercially useful functions may not be counted toward SDVOB utilization. Attach additional sheets if necessary.

BIDDER/CONTRACTOR INFORMATION		SDVOB Goals In Contract
Bidder/Contractor Name:	NYS Vendor ID:	%
Bidder/Contractor Address (Street, City, State and Zip Code):		
Bidder/Contractor Telephone Number:	Contract Work Location/Region:	
Contract Description/Title:		

CONTRACTOR INFORMATION			
Prepared by (Signature):	Name and Title of Preparer:	Telephone Number:	Date:
Email Address:			

***If unable to meet the SDVOB goals set forth in the solicitation/contract, bidder/contractor must submit a request for waiver on the SDVOB Waiver Form.***

SDVOB Subcontractor/Supplier Name:			
Please identify the person you contacted:	Federal Identification No.:	Telephone No.:	
Address:	Email Address:		
Detailed description of work to be provided by subcontractor/supplier:			
Dollar Value of subcontracts/supplies/services (When \$ value cannot be estimated, provide the estimated % of contract work the SDVOB will perform): \$ _____ or _____ %			

SDVOB Subcontractor/Supplier Name:			
Please identify the person you contacted:	Federal Identification No.:	Telephone No.:	
Address:	Email Address:		
Detailed Description of work to be provided by subcontractor/supplier:			
Dollar Value of subcontracts/supplies/services (When \$ value cannot be estimated, provide the estimated % of contract work the SDVOB will perform): \$ _____ or _____ %			

## FOR OGS USE ONLY

OGS Authorized Signature:	<input type="checkbox"/> Accepted	<input type="checkbox"/> Accepted as Noted	<input type="checkbox"/> Notice of Deficiency
NAME (Please Print):	SDVOB %/\$ _____	Date Received:	Date Processed:
Comments:			

**NYS CERTIFIED SDVOB SUBCONTRACTOR/SUPPLIER INFORMATION:** The directory of New York State Certified SDVOBs can be viewed at: <https://ogs.ny.gov/Veterans/default.asp>

**Note:** All listed Subcontractors/Suppliers will be contacted and verified by OGS.

# ADDITIONAL SHEET

<b>Bidder/Contractor Name:</b>	<b>Contract/Solicitation #</b> _____
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<b>SDVOB Subcontractor/Supplier Name:</b>			
Please identify the person you contacted:		Federal Identification No.:	Telephone No.:
Address:		Email Address:	
Detailed Description of work to be provided by subcontractor/supplier:			
Dollar Value of subcontracts/supplies/services (When \$ value cannot be estimated, provide the estimated % of contract work the SDVOB will perform): \$ _____ or _____ %			
<b>SDVOB Subcontractor/Supplier Name:</b>			
Please identify the person you contacted:		Federal Identification No.:	Telephone No.:
Address:		Email Address:	
Detailed Description of work to be provided by subcontractor/supplier:			
Dollar Value of subcontracts/supplies/services (When \$ value cannot be estimated, provide the estimated % of contract work the SDVOB will perform): \$ _____ or _____ %			
<b>SDVOB Subcontractor/Supplier Name:</b>			
Please identify the person you contacted:		Federal Identification No.:	Telephone No.:
Address:		Email Address:	
Detailed Description of work to be provided by subcontractor/supplier:			
Dollar Value of subcontracts/supplies/services (When \$ value cannot be estimated, provide the estimated % of contract work the SDVOB will perform): \$ _____ or _____ %			
<b>SDVOB Subcontractor/Supplier Name:</b>			
Please identify the person you contacted:		Federal Identification No.:	Telephone No.:
Address:		Email Address:	
Detailed Description of work to be provided by subcontractor/supplier:			
Dollar Value of subcontracts/supplies/services (When \$ value cannot be estimated, provide the estimated % of contract work the SDVOB will perform): \$ _____ or _____ %			
<b>SDVOB Subcontractor/Supplier Name:</b>			
Please identify the person you contacted:		Federal Identification No.:	Telephone No.:
Address:		Email Address:	
Detailed Description of work to be provided by subcontractor/supplier:			
Dollar Value of subcontracts/supplies/services (When \$ value cannot be estimated, provide the estimated % of contract work the SDVOB will perform): \$ _____ or _____ %			



## Office of General Services

## Division of Service-Disabled Veterans' Business Development

### Instructions for Completing the Monthly SDVOB Compliance Report – SDVOB 101

The SDVOB Monthly Reporting Form is to be completed by the Contractor/Vendor, and submitted **by the 10<sup>th</sup> day of each month for the duration of the Contract**. This form should include **all** (e.g. SDVOB and non SDVOB) Subcontractors and/or Suppliers assigned by the Contractor/Vendor to perform work during the contract. This reporting should also include payments made by your Subcontractors and/or Suppliers to SDVOB firms.

Complete the form as specified below.

Contract No.	Indicate the OGS Contract No.
Contractor/Vendor Name and Address	Provide your firm's name and address.
Federal ID No.	Enter your firm's Federal ID No.
Goals	Indicate SDVOB participation goals.
Reporting Period	Fill in the month and year of reporting period. One copy must be submitted with final payment application.
Description of Project	Briefly describe the work you are providing under the terms of this contract.
Firm Name and Address	Provide the name, address and phone number of <b>all</b> Subcontractors/Suppliers assigned by the Contractor/Vendor on this contract or purchase agreement(s).
Federal ID No.	Enter the Subcontractor's/Supplier's Federal ID No. If no Federal ID No. has been assigned, provide only the owner's last four (4) digits of his or her Social Security No.
Payment This Month	Indicate the amount paid <i>this month</i> to each Subcontractor/Supplier. If there was no income activity for a Subcontractor/Supplier, please check the box indicating "No Payment This Month."
Contract Amount	Enter the total contract amount or purchase agreement(s) amount for each Subcontractor/Supplier.
Description of Work/Supplies	Briefly describe the work performed or supplies provided by each Subcontractor/Supplier.

Submit to:

Design & Construction SDVOB Compliance Specialist  
35<sup>th</sup> Floor, Corning Tower  
Albany, New York 12242  
Email: DCSDVOB@ogs.ny.gov

**CONTRACTOR'S MONTHLY SDVOB COMPLIANCE REPORT (DUE ON THE 10<sup>TH</sup> DAY OF EACH MONTH FOR THE PRECEDING MONTH'S ACTIVITY AS EVIDENCE TOWARDS ACHIEVEMENT OF THE SDVOB GOALS ON THE CONTRACT)**

Contract No.: \_\_\_\_\_

Contractor/Vendor Name, Address and Phone No.:	Contractor/Vendor Federal ID No.:		SDVOB Goals	Reporting Period		
	Description of Project:			Month	Year	
Firm Name, Address and Phone Number (List All Firms)	Description of Work or Supplies Provided	Designation	Payment This Month	Contract Amount		
Federal ID No.:		<input type="checkbox"/> SDVOB <input type="checkbox"/> Supplier <input type="checkbox"/> Sub <input type="checkbox"/> Team <input type="checkbox"/> Broker <input type="checkbox"/> Other <input type="checkbox"/> Joint Venture <input type="checkbox"/> No Written Contract <input type="checkbox"/> Written Contract	<input type="checkbox"/> No Payment This Month			
Federal ID No.:		<input type="checkbox"/> SDVOB <input type="checkbox"/> Supplier <input type="checkbox"/> Sub <input type="checkbox"/> Team <input type="checkbox"/> Broker <input type="checkbox"/> Other <input type="checkbox"/> Joint Venture <input type="checkbox"/> No Written Contract <input type="checkbox"/> Written Contract	<input type="checkbox"/> No Payment This Month			
Federal ID No.:		<input type="checkbox"/> SDVOB <input type="checkbox"/> Supplier <input type="checkbox"/> Sub <input type="checkbox"/> Team <input type="checkbox"/> Broker <input type="checkbox"/> Other <input type="checkbox"/> Joint Venture <input type="checkbox"/> No Written Contract <input type="checkbox"/> Written Contract	<input type="checkbox"/> No Payment This Month			
Federal ID No.:		<input type="checkbox"/> SDVOB <input type="checkbox"/> Supplier <input type="checkbox"/> Sub <input type="checkbox"/> Team <input type="checkbox"/> Broker <input type="checkbox"/> Other <input type="checkbox"/> Joint Venture <input type="checkbox"/> No Written Contract <input type="checkbox"/> Written Contract	<input type="checkbox"/> No Payment This Month			
<div style="display: flex; justify-content: space-between;"> <div>Signature _____</div> <div>Print Name and Title _____</div> <div>Date _____</div> </div>						
<b>Submission of this form constitutes the Contractor's acknowledgement as to the accuracy of the information contained herein. Failure to submit complete and accurate information may result in a finding of noncompliance, non-responsibility, suspension and/or termination of the Contract.</b>				For OGS Use Only		
				Reviewed By:	Date:	

# APPLICATION FOR WAIVER OF SDVOB PARTICIPATION GOAL

*(must be submitted before requesting final payment on the Contract)*

## Section 1: Basic Information

Contractor's Name:		Federal Identification Number:	
Street Address:		E-Mail Address:	
City, State, Zip Code:		Telephone: (     )     -	
Contract Number:		SDVOB CONTRACT GOALS	
		%	

## Section 2: Type of SDVOB Waiver Requested

<input type="checkbox"/> Total	<input type="checkbox"/> Partial	If partial waiver, please enter the revised SDVOB percentage:	%
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Please explain the reason for the waiver request:

## Section 3: Supporting Documentation

Provide the following documentation as evidence of your good faith efforts to meet the SDVOB goals set forth in the contract and in support of your waiver application:

- ☐ **Attachment A.** Copies of solicitations to SDVOBs and any responses thereto.
- ☐ **Attachment B.** Explanation of the specific reasons each SDVOB that responded to Bidders/Contractors' solicitation was not selected.
- ☐ **Attachment C.** Dates of any pre-bid, pre-award or other meetings attended by Contractor, if any, scheduled by OGS with certified SDVOBs whom OGS determined were capable of fulfilling the SDVOB goals set forth in the contract.
- ☐ **Attachment D.** Information describing the specific steps undertaken to reasonably structure the contract scope of work for the purpose of subcontracting with, or obtaining supplies from, certified SDVOBs.
- ☐ **Attachment E.** Other information deemed relevant to the request.

## Section 4: Signature and Contact Information

**By signing and submitting this form, the contractor certifies that a good faith effort has been made to promote SDVOB participation pursuant to the SDVOB requirements set forth under the solicitation or Contract. Failure to submit complete and accurate information may result in a finding of noncompliance, non-responsibility, and a suspension or termination of the contract.**

Prepared By: (Signature)	Date:
Name and Title of Preparer (Print or Type)	

**For OGS Use Only**

Reviewed By:

Date:

Decision:

- ☐ Full SDVOB waiver granted  
☐ Partial SDVOB waiver granted; revised SDVOB goal: \_\_\_\_\_ %  
☐ SDVOB waiver denied

Approved By:

Date:

Date Notice of Determination Sent:

Comments