SECTION 115334

PORTABLE EMERGENCY EYEWASH STATIONS

*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\**

***NOTE TO SPECIFIER***

*Use this Specification Section for Mail Processing Facilities.*

***This is a Type 2 Specification with primarily editable text; therefore, most of the text can be edited, but there is some required text which is noted within the Section with a “Note to Specifier.” Do not revise these paragraphs without an approved Deviation from USPS Headquarters, Facilities Program Management, through the USPS Project Manager.***

*For Design/Build projects, do not delete the Notes to Specifier in this Section so that they may be available to Design/Build entity when preparing the Construction Documents.*

*For the Design/Build entity, this specification is intended as a guide for the Architect/Engineer preparing the Construction Documents.*

*The MPF specifications may also be used for Design/Bid/Build projects. In either case, it is the responsibility of the design professional to edit the Specifications Sections as appropriate for the project.*

*Text shown in brackets must be modified as needed for project specific requirements.* *See the “Using the USPS Guide Specifications” document in Folder C for more information.*

*The last date that USPS revised this standard specification section occurs in two places, at the end of this section and in the Table of Contents. If the date in this section matches the date in the Table of Contents, then you are using the latest version. Do not delete or revise the “last revised” date at the end of the section during the development of the Project Manual.*

*The footer in this section should be edited to replace the text, “USPS MPF SPECIFICATION” with the project name, and the blank date in the center should be replaced with the submission date, for interim design reviews, or the issue date of the completed Project Manual.*

***The equipment specified in this Section is to be provided as part of a one-time capital buy (OTCB).***

***Provide emergency eyewash stations in battery charging areas with lead acid batteries, hazmat areas, and Vehicle Maintenance Facilities. Refer to Handbook AS-503, Standard Design Criteria for details.***

*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\**

PART 1 – GENERAL

* 1. SUMMARY
1. Wall mounted, gravity fed emergency eyewash station.

1.2 SUBMITTALS

A. Product Data: Required.

B. Training, Maintenance Manuals: Required.

1.3 QUALITY ASSURANCE

A. ANSI Z358.1.

1. Code of Federal Regulations: 29 CFR 1910.151.

PART 2 – PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Products:

1. SAS Safety Corp Model SAS 5135.
2. Bradley Model 519-921.
3. Fend-All Model “Pure Flow”.

*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\**

***NOTE TO SPECIFIER***

***REQUIRED****: Do not revise the requirements below without an approved Deviation from USPS Headquarters, Facilities Program Management, through the USPS Project Manager.*

*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\**

2.2 REQUIREMENTS

A. Heads:

1. Positioned 33 to 45 inches from floor.
2. Positioned at least 6 inches from wall or nearest obstruction.
3. Flushing fluid at 0.4 gpm for 15 minutes.

B. Valves:

1. Active in 1 second or less.
2. Stay-open valve (leaving hands free).

PART 3 – EXECUTION

3.1 INSTALLATION

A. Install all products in accordance with manufacturer’s guidelines and printed instructions.

B. Locate eyewash equipment in an area that requires no more than 10 seconds to reach.

C. Location of the eye wash unit shall be in a well lit area and identified with a sign.

3.2 MAINTENANCE AND TRAINING

A. Instruct personnel on required maintenance according to the manufacturer’s instructions.

B. Train all employees who might be exposed to the chemical splash in the use of the equipment.

C. Instruct personnel on required annual inspection according to ANSI Z358.1 requirements.

END OF SECTION

USPS MPF Specification Last Revised: 10/1/2022