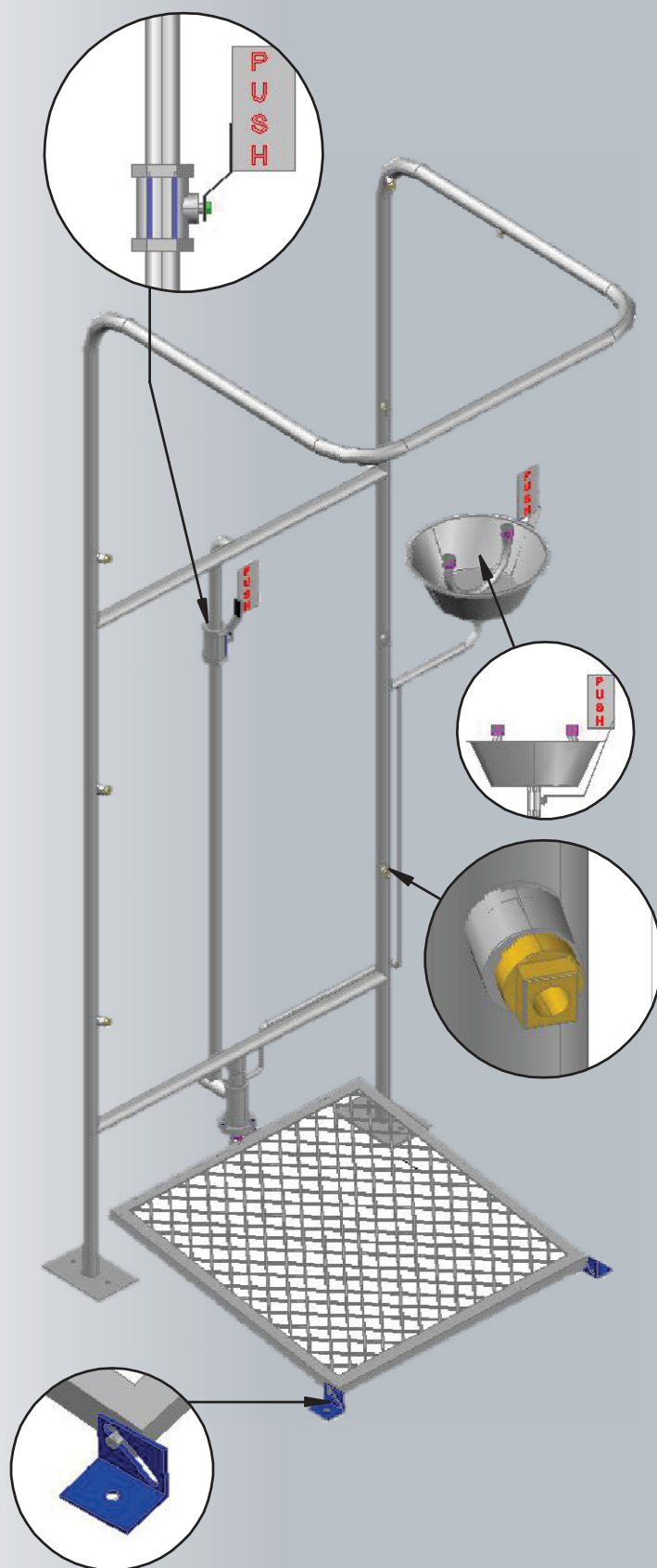


# Safety Showers



## Introduction

The selection of emergency showers and eyewash equipment is often a complicated process. In addition to addressing design and engineering issues, specifiers must be aware of regulatory requirements and compliance standards. A common reference point when selecting emergency equipment is ANSI/ISEA Z358.1, "Emergency Eyewash and Shower Equipment." This standard is a widely accepted guideline for the proper selection, installation, operation and maintenance of emergency equipment.

Emergency eyewash and shower units are designed to deliver water to rinse contaminants from a user's eyes, face or body. As such, they are a form of first aid equipment to be used in the event of an accident. However, they are not a substitute for primary protective devices (including eye and face protection and protective clothing) or for safe procedures for handling hazardous materials.

Some important design and safety consideration should allow for the following –

### Location

Install safety station within 10 seconds of hazard (walking distance), on the same level as hazard and with unobstructed travel path.

### Water temperature

Water delivered by safety station shall be lukewarm

### Training

Instruct all employees in the location and proper use of safety station.

### Maintenance/Inspection

Activate safety station at least weekly. Inspect annually for compliance with standard.

### Identification

Identify safety station with highly visible sign. Area around safety station shall be well lighted.

## Shutoff Valves

Plumbed emergency equipment must be connected to a potable water supply line. It may be advisable to install a shut off valve on the water line, upstream of the unit, to facilitate maintenance of the equipment. If a shut off valve is installed, provision must be made to prevent unauthorized closure of the shut off valve. Such provision can include removing the handle of the shut off valve or locking the valve in the open position. Only maintenance personnel should be authorized to place a handle on or unlock the valve.

## Corrosion Resistance

Once connected to a water supply line, water will enter the emergency equipment and stand in the unit up to the valve(s). When activated, water will flow through the entire unit. Therefore, the unit must be constructed of materials that will not corrode when exposed to water for extended periods

of time. In addition to this general provision, the standard specifically requires that valves be resistant to corrosion.

Emergency equipment should therefore be constructed of materials that will resist rusting and corrosion. Materials that are considered acceptable for this purpose include brass, galvanized steel and many types of plastics (ABS, nylon, etc.). However, these materials may not provide durable service when exposed to harsh industrial conditions, may deteriorate in direct sunlight or be subject to other limitations.

Therefore, for maximum durability, the following materials should also be considered:

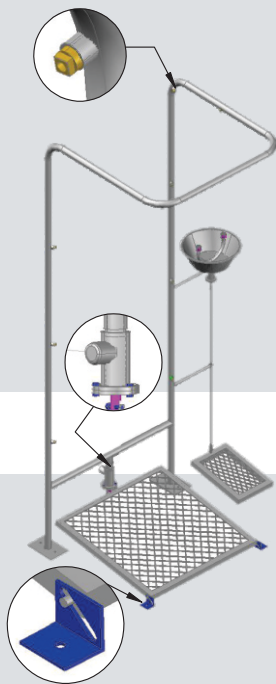
- Stainless Steel
- Epoxy coated Mild Steel
- Polypropylene

**Creating an effective,  
safe and sustainable  
environment  
exceeding the  
needs of industry**

# Quality products

Novus Safety showers are locally manufactured of the highest quality and to international specifications (ANSI Z358.1-2004). We offer a comprehensive range of safety showers manufactured from 304, 316, mild steel epoxy coated or polypropylene

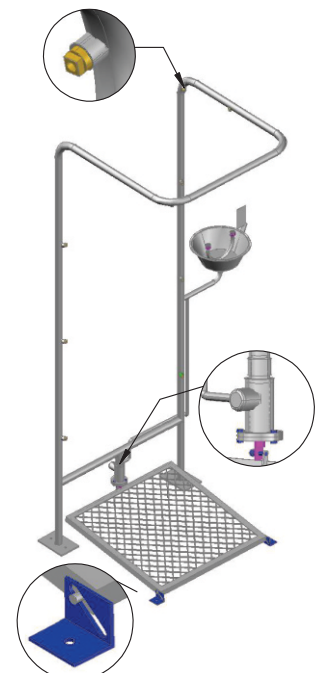
Novus Safety Shower - Double Column Combo - Hand & Foot Operated - Floor Mounted



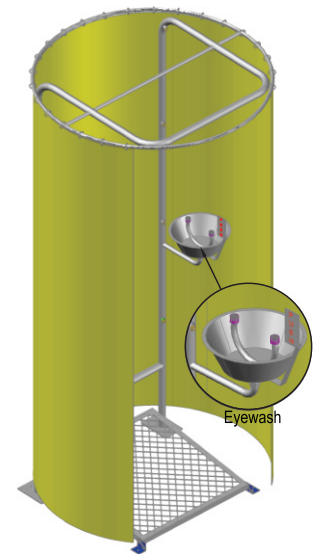
Novus Safety Shower - Double Column Foot Operated Shower + Foot Operated Eyewash Bowl - Floor Mounted



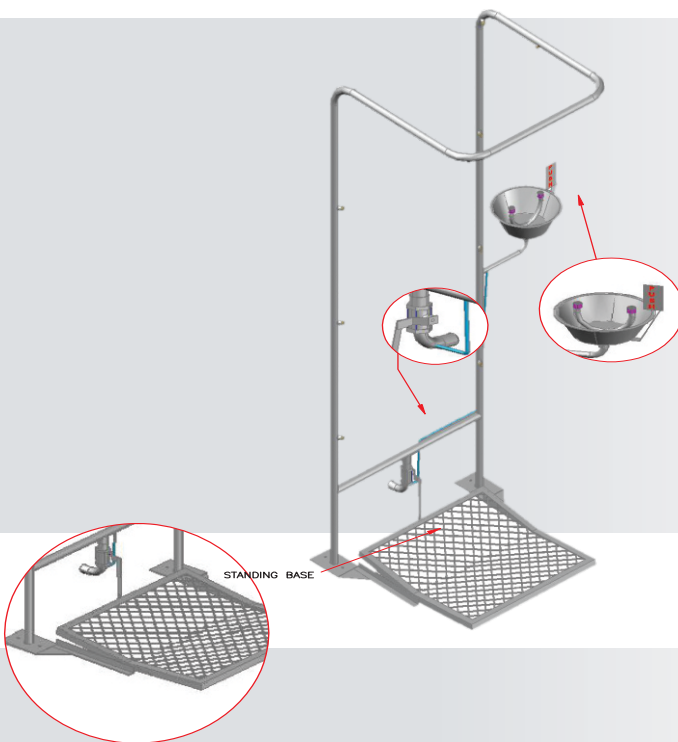
Novus Safety Shower - Double Column Foot Operated - Floor Mounted



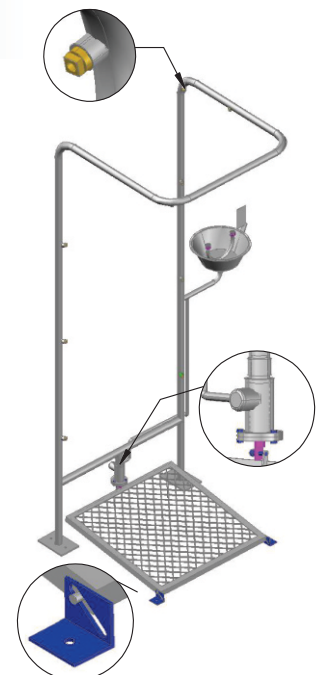
Novus Safety Shower – Double Column Foot Operated Shower with Curtain – Floor Mounted



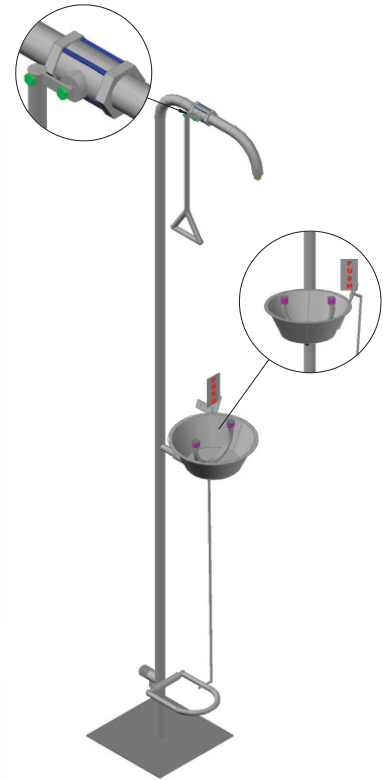
Novus Safety Shower – Double Column Foot Operated – Swivel Base



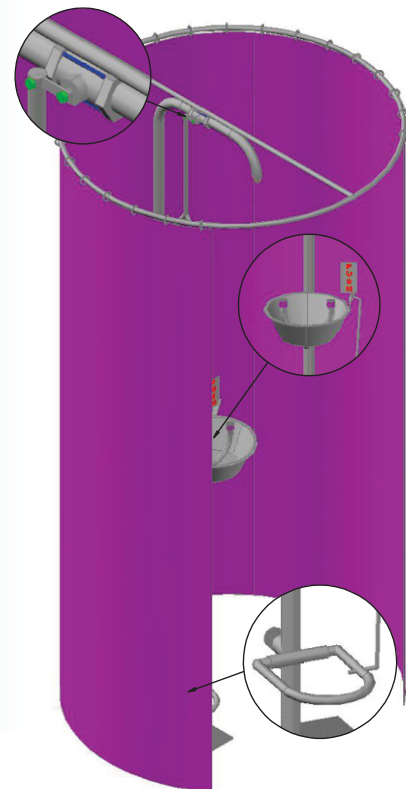
Novus Safety Shower – Double Column Hand Operated – Floor Mounted



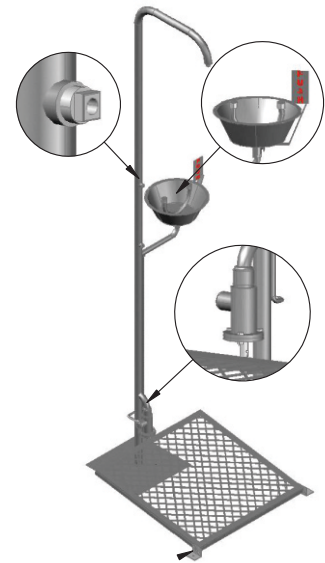
Novus Safety Shower - Single Column - Hand & Foot  
Operated - Floor Mounted



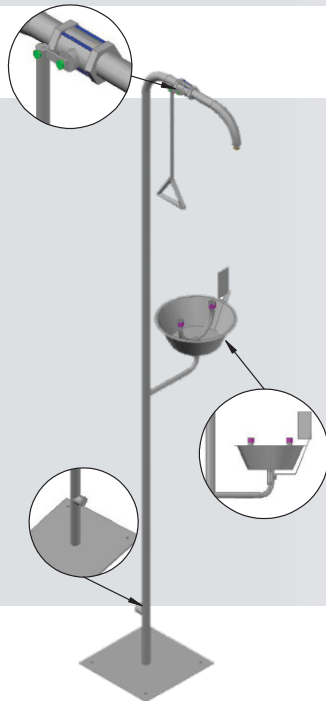
Novus Safety Shower - Single Column Combo - Hand  
& Foot Operated - Floor Mounted with Curtain



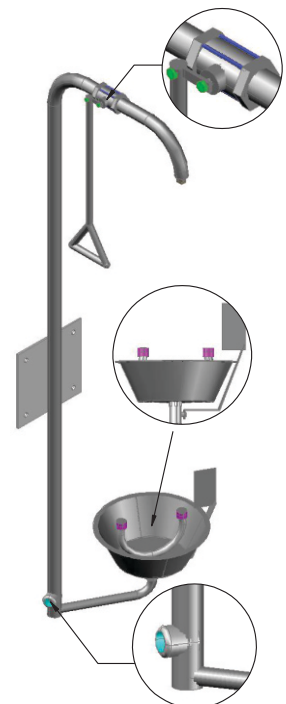
Novus Safety Shower - Single Column - Foot Operated - Floor Mounted



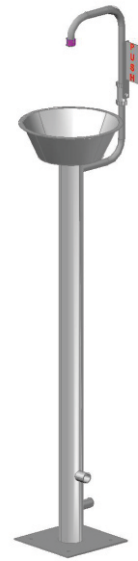
Novus Safety Shower - Single Column - Hand Operated - Floor Mounted



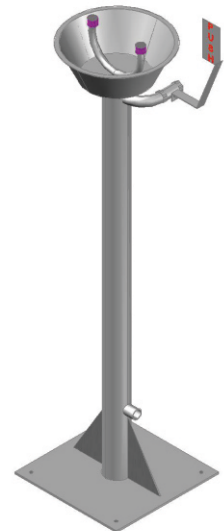
Novus Safety Shower - Single Column - Wall Mounted



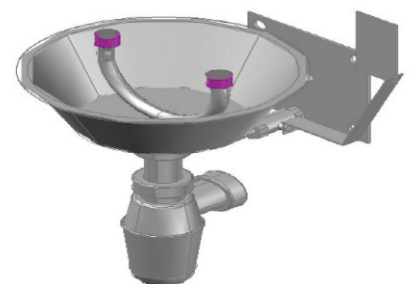
Novus Hand Wash Stand – Floor Mounted



Novus Hand Operated Eyewash – Floor Mounted



Novus Hand Operated Eyewash – Wall Mounted



## Other Products, Spare Parts & Components Include

- Booth Showers & Tank Showers Custom Made
- Wall Mounted Showers
- Portable Eyewash Units
- Waterstrainers
- Stainless Steel Valves
- Stainless Steel Valve Insert
- Paddle Flow Switch
- Brass Valve
- Anti Scald Valve
- Pressure Reduce Valves
- Ball Valves
- Spray Nozzles
- Aerators
- U-Clip, Circlip, O-rings
- Safety Signs
- Spill Kits
- Emergency Eyewash Bottles
- Drip Trays – SS or Polyethylene



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