



Technical Data Sheet

REV: 1

General Information

Project Name: Tank Shower

Model Number: 8770.25

☐ Skid ☒ Booth

Description:

Haws Integrated Tank Shower, Model 8770.25. Gravity fed self contained Axion® MSR Safety Shower/ Eye-face wash outdoor locations without a plumbed water supply. Corrosion protected steel frame supports a bright yellow insulated fiberglass overhead tank with semi-enclosed shower area underneath. System is designed to provide the appropriate volume and flow for the included ANSI Z358.1 compliant (subject to temperatures between 15.6°F and 37.8°C) emergency shower. System uses gravity to provide water so no electricity is required. Scald protection valve and galvanized steel piping provided.

Facility Site Design Data

General

Area Class: Classified/Unclassified:	Any (Non electric unit)
Location:	Indoor/Outdoor
Emergency Locations in Simultaneous Use:	1
Emergency Locations for Recirculation Loop:	n/a
Site Temperature Range:	Above Freezing / Below 65 C
Potable Water Available:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Water Pressure (Min. & Max.):	n/a
Temperature Rating Required:	n/a
Materials of Construction (Piping):	Galvanized Steel, Sch 40

Hardware Specifications

Hot Water Tank

					REV:	
Manufacturer: Reiff Manufacturing					Model Number: Custom build	
Nozzle Chart					Design Data	
Conn No:	Size Inch	Service	Remarks	No Req'd	Capacity:	1,631 Litre
1	1	Overflow drain	VENT W/ CAP		Max Design Pressure:	0 kPa
2	1.5	SHOWER PIPING CONNECTION (INCLUDES TANK FILL POINT)			Max Design Temp:	65 °C
3	0.5	TEMP GAUGE	Bushed 2" x 1/2"		Std Operating Pressure:	Atmospheric kpa
4					Std Operating Temp:	27 °C
Emergency Relief Required					Materials:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
Manufacturer:					Lining: Fiberglass	Total Wall Thickness: 95 mm
Model Number:					Insulation: Polyiso	Thickness: 38 mm
Relieving Temp: °C						
Relieving Pressure: kPa						
Certifications Required: ASME: <input type="checkbox"/> Section IV <input type="checkbox"/> Section VIII <input type="checkbox"/> CRN						

Plumbing							
Piping							
							REV:
Specification	Class 150	Material	Galvanized	Schedule	40	Connections	NPT
Notes:							
Valves							
							REV:
Specification		Material	Brass	Type	Ball	Connections	NPT
Notes:							
System Design							
							REV:
Electrical Service Connection:		N/A		V		Total Demand: N/A A	
NOTES							
<p>Above product is based on received Mining Specification.</p> <p>Features included:</p> <ol style="list-style-type: none"> 1. Compliant tank capacity to meet AS 4775-2007/ANSI Z358.1-2014 performance. 2. Corrosion protected steel 3 piece frame. 3. Visual water level indicator. 4. Shower test handle. 5. Eye/face wash. 6. Push bar or pull handle shower operation. 7. Water tank temp gauge. 8. In line strainer for eye/face wash. 9. Signage to AS 1319 Australian Standard. 10. Walk on foot grate. 11. Fiberglass side panels fitted to 3 sides. 12. Scald valve. 13. Corrosion protected steel frame painted to RAL 6029 Green. 							