

Pennsylvania Emergency Management Agency

SFA Cascade Trailer, Single Axle, 5' Wide X 8' Long

Statement of Intent: The intention of these specifications is to describe a SFA Cascade Trailer, Single Axle to be used by Pennsylvania Emergency Management Agency and shall be outfitted accordingly. The finished trailer shall be compliant with all current DOT and Pennsylvania laws and regulations, as well as Federal Motor Vehicle Safety Standards.

- Dimensions/Capacity**
- 3,500 lb. GVWR
 - 8' Long
 - 5' Wide
 - Single Axle

- Body:**
- Powder Coated Metal Frame
 - Aluminum Flat Floor Design Deck
 - Smooth Metal Fenders
 - 2,000 lb. Front Jack with Sand Foot and Front Roller for Tongue
 - Two (2) each rear mounted Jacks with Sand Feet
 - High Mount Trailer with LED Lights
 - Wire Harness, fully enclosed
 - Spare Tire Mounting Bracket
 - EZ Lube Axle
 - EagleAir or approved equal Vertical Mobile 2 position, UL certified Containment Fill Station or approved equal, to fill two (2) SCBA's or one (1) SCBA cylinder at a time. 38" H x 25" D x 16.5" W
 - Two (2) each CGA 347 Fill Whips with inline on/off and bleeder valve
 - Six (6) each 6,000 PSI UN/ISO Air Storage Cylinders, 509 cubic foot storage per each cylinder, 3,054 total cubic storage with CGA 702 Valve

Six (6) each Crash Valve Protection Caps for storage cylinders

Fill Station SCBA Cylinder Spacer Kit, if required

Custom Six (6) Bank, 6,000 PSI Air Control Cascade Panel consisting of Six (6) 0-7,500 Panel Mounted Storage Bank Pressure Gauges, Panel Mounted On/Off Control Valves, one (1) High Pressure Regulator package with 0-7,500 PSI P/M Inlet Pressure Gauge, 0-7,500 PSI P/M zoned Outlet Pressure Gauge, 0-6,000 PSI adjustable Self-Relieving Regulator, one (1) SCBA fill package with 0-7,500 PSI Panel Mounted zone Outlet Pressure Gauge and P/M On/Off Control Valve, one (1) High Pressure System refill with Panel Mounted On/Off Control Valve, High Pressure Quick Connect Fitting with dust cover. Blue overlay with graphics and flow diagram.

Install and include all mounting hardware, high pressure fittings and hoses as needed to complete trailer build.

Training: Training on use and maintenance will be provided at a time that is convenient to both parties. Please contact Mr. Bruce Trego Administrator Office of the State Fire Commissioner at 717-247-3740 or via email btrego@pa.gov.

Delivery: In Lieu of delivery to 2221 Foster Street Harrisburg, PA 17105 please deliver trailer to the following address. Pennsylvania State Fire Academy

1150 Riverside Drive Lewistown, PA 17044.

All vehicle paperwork must be forwarded to the Bureau of Vehicle Management for processing in accordance to PCID 1067, Para 1.14.