**Specification:**

1.0 Frame  
The Safety Command Station shall be fully assembled onto a welded heavy duty frame.

2.0 Mixing Valve  
The Acorn ET71-BVS-OTG Series Emergency Tempering Valve is certified to ASSE 1071, rev 2012 and will deliver safe tepid water to safety systems such as eye, face and shower fixtures and combination units. It's factory set to 85°F to ensure comfort when used with an eye wash, yet can be safely set up to 95°F for maximum comfort and effectiveness when used with body washes.

3.0 Recirculation Pump  
The Safety Command Station includes a recirculation pump that is sized to move a small amount of water throughout the safety shower loop. The pump is typically a Taco 0013 Cartridge Circulator in stainless steel and sized based on the provided details. A circuit setter is provided to limit the flow. A flow switch is also included to alarm on loss of flow.

4.0 Scald Protection  
On the recirculation water return piping a mechanical dump valve is supplied. This valve will initiate flow when the thermostatic actuator senses a temperature of 98°F (36.7°C). It is typically piped to a drain and thereby purges the unsafe water and brings fresh/safe water to the mixing valve. The dump valve will remain open (fully open at 105°F (40.6°C)) until it senses a safe temperature of 95°F or less at which point it will automatically close (resetting itself).

5.0 Electrical Options  
Safety Command Stations come standard in 120V. Other voltages are available. Other voltages available upon request. Systems can be designed for NEMA 4, NEMA 4X, or CL1 DIV2 locations.

6.0 Piping Options  
Model SCS Safety Command Station
Designed for Longevity

Voltages
1 — 120V 1 Phase
2 — 240V 1 Phase
3 — 480V 3 Phase
4 — 600V 3 Phase
5 — Other (Specify)

Recirc Pump
0 — None
1 — Required *

Location
1 — Indoor

Classification
1 — NEMA 4
2 — NEMA 4X
3 — CL1 DIV2

*Additional details required for pump selection