Hydrogen Peroxide Tank Safety Features



UTILIZE STANDARD SAFETY RELIEF VALVE (TOP RIGHT)

• Spring loaded relief valve installed in the vapor space of a tank, it is pre-set for compatibility with the service conditions and it vents to provide protection from accidental over-pressure. Commonly set to 4.4 Bar.

BREATHER ASSEMBLY (TOP LEFT)

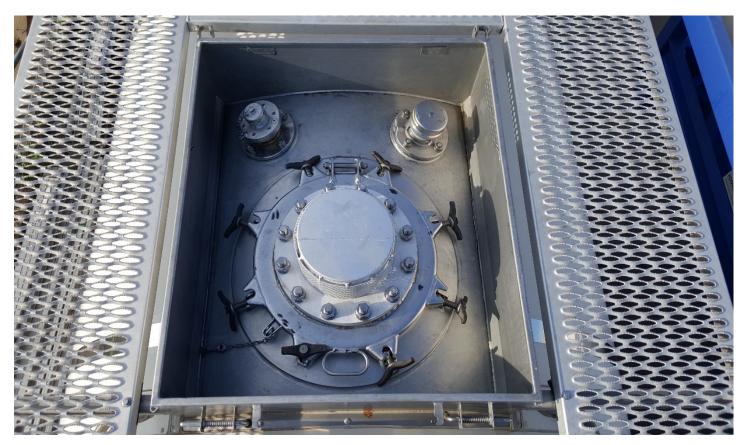
• Fitted with SS sintered disc and low leak design cap to reduce pressurization of the tank during transit and to filter the compressed air when using top discharge. The cap is fitted with a secondary sintered disc to limit any leak in a rollover situation.

250MM BURSTING DISC (CENTER)

• Non-fragmenting burst discs vents to provide protection from accidental over-pressure. Commonly set to 4.5 Bar.

SKIN TANK DESIGN

• No insulation or cladding, surface of barrel is generally painted. This is designed to help keep product cool by spraying tank with water.



Hydrogen Peroxide tank requirements fall under 49 CFR 173.225 Packaging requirements and other provisions for organic peroxides. Breather vent and bursting disc are required. Top discharge only is required for peroxides over 60% concentration. Proper maintenance and handling is required.