

CLEAN AIR

UNIT: CleanAir03

The Safe Way to Load Fluids

Patent Pending

PERFORMANCE

Purge Gas Generation Rate	36 m ³ /hr
Purge Gas Pressure	1,206 kPa
Purge Gas Purity	99.5% Nitrogen
Capacity – Hours per Truck Load (Purge and Load 50 m ³)	2 hours (nominal)
Capacity – Maximum Truck Loads per Day (50m ³)	24
H ₂ S Removal	100%
LEL Removal	97% to 99%
Mercaptan / Benzene Removal	97% to 99%

MAJOR EQUIPMENT

Nitrogen Generator	On-Skid
Nitrogen Accumulator	On-Skid
Oxygen Analyzer	On-Skid
H ₂ S Scavenger	Off-Skid
Instrument Air Compressor	On-Skid
Breathing Air	On-Skid
Building Equipped with Exhaust Fan	On-Skid
Building Equipped with Heater	Off-Skid
Wind Sock	On-Skid
RTU with HMI and SCADA Uplink	On-Skid
Truck Load Out Panel	On-Skid
Process Beacon	On-Skid



CERTIFICATION

Vessels	ASME Sec. VIII
Piping	ASME B31.3
Structural	CWB
Electrical	CSA
Province(s) of Registration	AB, BC, SK
Area Classification	General Purpose
Sour Service	Yes



SKID CONNECTIONS

Condensate Inlet	3" CL150 RF
Water Inlet	3" CL150 RF
Flare Inlet	3" CL150 RF
Aux. (Facility) Purge	1" NPT (100' of Hose)

TRUCK CONNECTIONS

Condensate Load Out	3" Camlock
Water Load Out	3" Camlock
Flare / Vent Line	3" Camlock

SHIPPING DIMENSIONS

Width	8'-6" (2.59 m)
Length	48'-0" (14.6 m)
Height	12'-0" (3.66 m)
Weight Estimate (dry)	48,000 lbs (21,800 kg)
Loading Method	Live Roll

POWER REQUIREMENTS

Voltage	480 V
Amperage	60 A
Kilo-Volt-Ampere	25 kVa



PROCESS FLOW

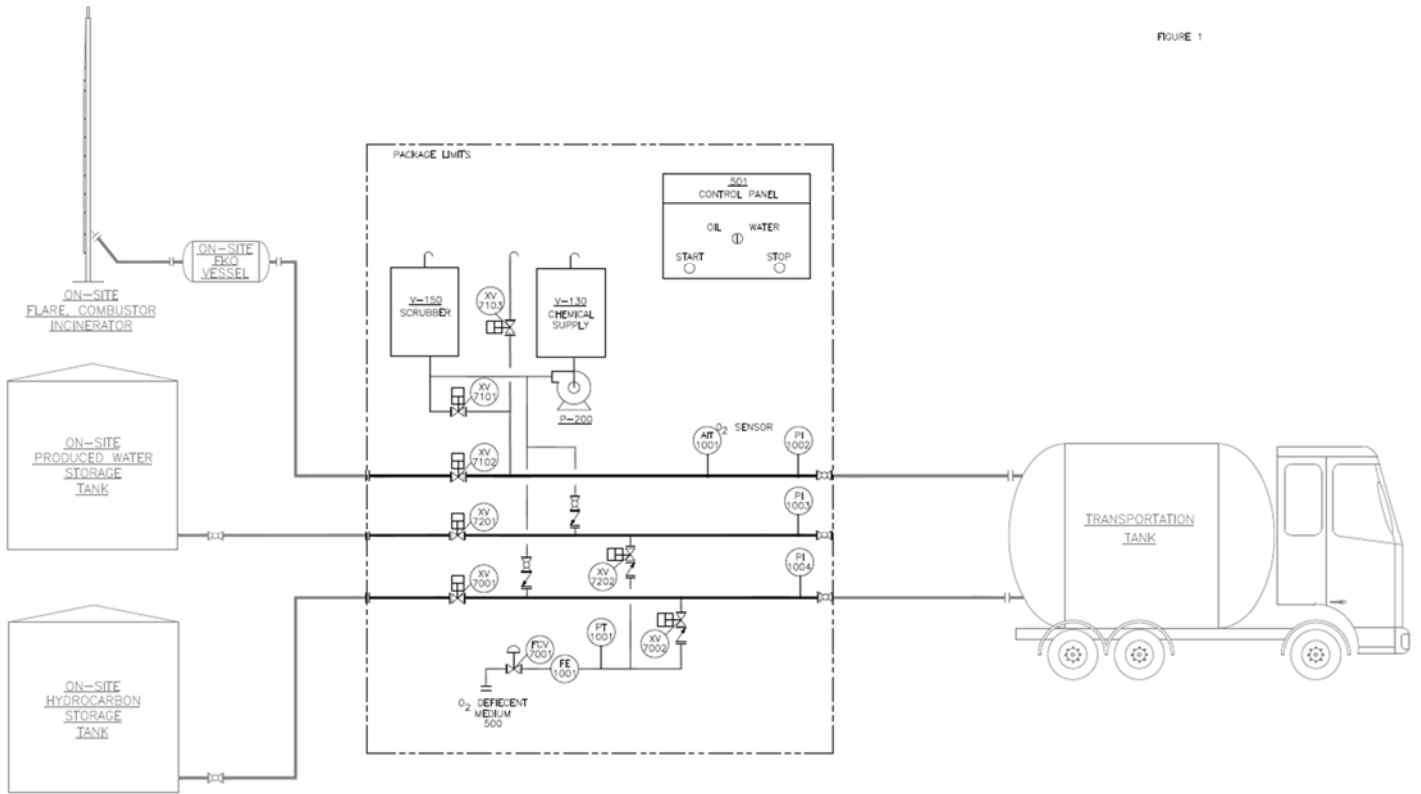


FIGURE 1