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EQUIPMENT SPECIFICATION SHEET

PUMP

UNIT: PUM046

PERFORMANCE

Maximum Operating Pressure	5000 PSI (34.5 MPa)
Maximum Flow Rate @ Maximum Operating Pressure	444 m^3/day
Maximum Operating Pressure in Current Configuration	2000 PSI
Maximum Flow Rate in Current Configuration	840 m^3/day

INJECTION PUMP

Make	Weatherford
Model	W-200-M
Type	Triplex
Plungers	3
Installed Plunger Diameter	2.75”
Maximum Input	200HP (149kW)
Maximum RPM	400
Stroke Length	5” (127mm)

INJECTION DRIVE

Make	Teco Westinghouse
Horse Power	200 HP
Maximum RPM	1785 RPM
Phase	3
Volts	460
Hertz	60
VFD Compatible	YES

BOOSTER PUMP

Make	
Model	
Size	
Impeller Size	

BOOSTER DRIVE

Make	
Model	
Horse Power	
Maximum RPM	
Phase	
Volts	
VFD Compatible	

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SUCTION PIPING

Maximum Allowable Working Pressure	285 psi (1,965 kPa)
Size	3”
Connection	CL150 RF

DISCHARGE PIPING

Maximum Allowable Working Pressure	3,000 psi (20.7 MPa)
Size	2”
Connection	CL2500 RTJ

POWER REQUIREMENTS

Building Total	230 kW
Main Disconnect	600 A
Voltage Input	480 V
Phase	3 Ø

SHIPPING INFORMATION

Width	18’ 3” (5.56 m)
Length	40’5”’ (12.32 m)
Height	14’ (4.27 m)
Weight Estimate	60,000 lbs (27,250
Loading Method	Tandem Pick

CERTIFICATION

Electrical Class	Class 1 Zone 2

SHUTDOWNS

High/Low Discharge Pressure
High/Low Suction Pressure
High/Low Inter-Stage Pressure
Manual ESD
Vibration Switch
Low Flow Switch
High Level in Sump
High LEL Alarm
High H2S Alarm

FEATURES

ROC 827 RTU
Building Equipped with Heater and Lights
VFD Variable Frequency Drive
MCC Room
Inlet Strainer
Inter-Stage PSV
Discharge Pressure Relief Valve
Inlet Pressure Indicating Transmitter
Inter-Stage Pressure Indicating Transmitter
Discharge Pressure Indicating Transmitter
Discharge Flow Meter (Turbine)
Injection Pump Inlet Flow Stabilizer
Discharge Pulsation Bottle
Scale Inhibitor Pump
Oxygen Scavenger Pump