

UHG/UHM-08-1686

GLYCOL HEATER

MAKE: RUFFNECK
MODEL: AH-16A-A3B1-A1-2H
SPECS: 16" FAN
1 1/2" 300# RFWN
575/60/3 EXP MOTOR
CLASS 1, DIV. 1 & 2, CSA

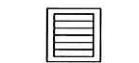
001-P-08-1635
TRUCK-IN/TANK LOADING PUMP

MAKE: MABRE
MODEL: 3x4x16B WPV-R-0H4
CAPACITY: 37.5 m³/hr
DIFF. PRESSURE: 199 kPa
BRAKE POWER: 4.2kW
MATERIAL: CARBON STEEL
API MECHANICAL SEAL w/ PLAN 14
PLAN 65 CONNECTIONS INCLUDED

001-PM-08-1635
TRUCK-IN/TANK LOADING PUMP MOTOR

MAKE: BALDOR RELIANCE
MODEL: 256LP
VOLTAGE: 575V, 60Hz, 3PH
SPECS: 10HP, 1200RPM, 256LP, CLASS I ZONE 2
(NAMEPLATE) MOTOR INVERTER DUTY: T3

P-08-1635 TO HAVE MPI/LPI

SCOPE OF SUPPLY
TRUCK-IN/TANK LOADING PUMP PACKAGE

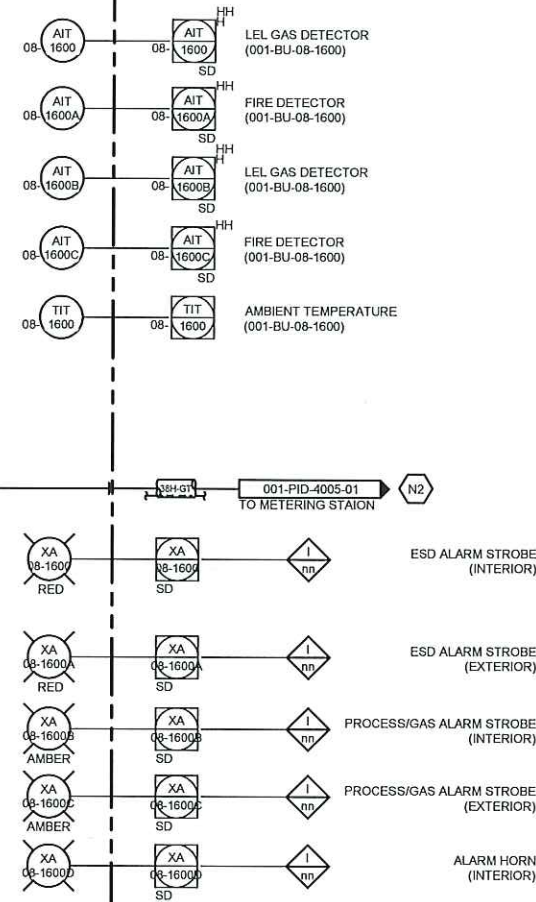
001-L-1691



001-L-1692

EXHAUST FAN
EF-08-1688
EFM-08-1688

BLDG 001-BU-08-1600

COB EYEWASH #2
001-PK-27-1600

SCHEDULE OF CONNECTIONS			
TAG	DESCRIPTION	SIZE	TYPE
N1	TRUCK-IN OIL - INLET	168-150#	RF
N2	TRUCK-IN OIL - OUTLET	89-150#	RF
N3	SUMP DRAIN	60-150#	RF
N4	UHM SUPPLY	60-300#	RF
N5	UHM RETURN	60-300#	RF
N6	SCALE INHIBITOR - INLET	27-150#	RF
N7	SCALE INHIBITOR - OUTLET	27-600#	RF
N8	SCALE INHIBITOR - OUTLET	27-600#	RF
N9	BIOCIDE - INLET	27-150#	RF
N10	BIOCIDE - OUTLET	27-600#	RF
N11	METHANOL - INLET	27-150#	RF
N12	METHANOL - OUTLET	27-600#	RF
N13	INSTRUMENT AIR	60-150#	RF
N14	UTILITY AIR	60-150#	RF

- GENERAL NOTES
- ALL INSTRUMENT TAG NUMBERS ON THIS SHEET SHALL FOLLOW ITS ASSOCIATED EQUIPMENT TAG NUMBERS UNLESS OTHERWISE INDICATED (EX. PG-00-1010 ON EQUIPMENT 001-Y-00-1010, FULL INSTRUMENT TAG NUMBER SHALL BE 001-PG-00-1010).
 - WITH AUTOMATIC HIGH & LOW FLOW ADJUSTMENT AND FLOW CUT-OFF AT PRESET VOLUMETRIC FLOW.
 - PUMP CASING DRAIN AND VENT TO BE ROUTED TO A DRAIN SUMP LOCATED IN PUMP BUILDING 001-BU-08-1600.
 - SMART GROUND.
 - INCLUDE RUN TIMER.
 - FALL-1635 TO STOP PUMP 001-P-08-1635 ON TIME DELAY.
 - SLOP OIL TANK #1 & #2 LAHH-0113A/0118A TO TRIP PUMP 001-P-08-1635.
 - FUTURE PUMP BY PASS CONNECTION
 - CALIBRATION GOOSE NECK TO BE ABOVE CORRESPONDING STORAGE TANK. ALL CALIBRATION TUBE GOOSE NECKS TO BE CONNECTED AND VENTED OUTSIDE BUILDING.
 - SUCTION AND DISCHARGE OF INJECTION PUMPS WILL BE TRANSITIONAL TO 1/4" TUBING.
 - PIT-27-1600 TO BE TUBED TO MFD-27-1600 BY WESTPOWER. CLIENT TO TUBE MFD-27-1600 TO COB EYEWASH ON SITE.

REV	DESCRIPTION	DATE	BY	CHECK	APR
6	REVISED INSTRUMENT ALARMS	MAY 06/14	SL	SKS	
5	ADDED INSTRUMENT ALARMS	APR 22/14	SL	SKS	
4	CORRECTED TAGGING / LINE SIZE	FEB 04/14	SL	SKS	
3	AS BUILT	JAN 18/14	SL	SKS	
2	ADDED INSTRUMENT AIR SPOOL	OCT 29/13	SL	SKS	
1	REVISED VALVE TAGS	OCT 24/13	SL	SKS	
0	ISSUED FOR CONSTRUCTION	OCT 22/13	SL	DC	

STAMPS:



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ABSA AUTH No.: AQP21428
APEGGA PERMIT TO PRACTICE No.: P07612

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DRAWN: JP		PIPING AND INSTRUMENTATION DIAGRAM		
CHECKED: MT		CLIENT: DEVON		
DATE: 2013/07/26		CONSULTANT: WORLEY PARSONS		
UNIT: P1299C		CLIENT PO No.: P0-4100001410	LOCATION: LSD: 11-2-39-8 W5M	
REF: N/A		TITLE: DEVON FERRIER		
TAG No.:		P&ID - TRUCK-IN/TANK LOADING PUMP		
SCALE: NTS		DWG No.: P1299C-101-P&ID	SHT No.: 1/2	REV No.: 6