

8037.P.0815
OILY WATER DRAIN PUMP

DESIGN FLOWRATE : 25 GPM
DIFF. PRESSURE/TDH : 20 PSI/46 FEET
HHP / MOTOR RATING : 0.29 HP / 1.5 HP
TYPE : SUBMERSIBLE CENTRIFUGAL
SPECIFIC GRAVITY : 0.996

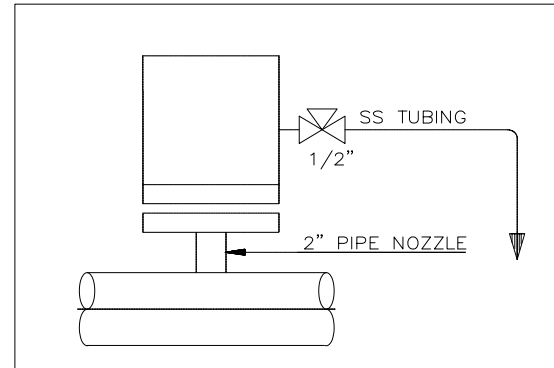
8037.V.0809
FLARE KNOCKOUT DRUM

DIMENSION : 6'-0" ID x 15'-0" T/T
DESIGN PRESSURE : 50 PSIG
DESIGN TEMP. : 205°F
MATERIAL : CARBON STEEL
INTERNAL : 90° ELBOW, VORTEX BREAKER
EPOXY COATING
OPERATING PRESS./TEMP : 1.5 PSIG / 106°F

8037.P.0814 A/B
HP KO DRUM PUMP

DESIGN PRESS./TEMP. : 120 PSIG / 205°F
DESIGN FLOWRATE : 29.2 GPM/1000 BPD
DIFF. PRESSURE/TDH : 90 PSI/212 FEET
HHP / MOTOR RATING : 1.53 HP / 5.0 HP
TYPE : CENTRIFUGAL
SPECIFIC GRAVITY : 0.995
STAGE NO. : 1

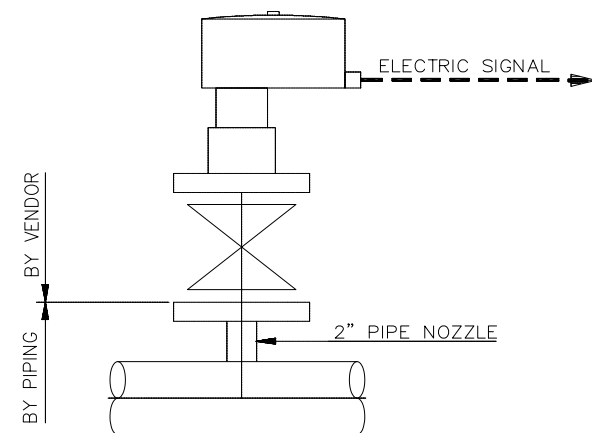
DETAIL "B" SAMPLE CONNECTION.



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NOTES

- ALL EQUIPMENT, INSTRUMENT & LINE NUMBERS ON THIS DRAWING HAVE THE PREFIX "8037" UNLESS OTHERWISE NOTED.
- THE LETTERS "I" & "O" ARE NOT USED IN THE EQUIPMENT NUMBERING SYSTEM.
- FOR STANDARD P&ID DIAGRAM LEGEND SEE THE FOLLOWING DRAWINGS:
FOR PIPING & EQUIPMENT DWG. NO. CP-050GN-EF-002
FOR INSTRUMENTATION DWG. NO. CP-050GN-EF-003
- DELETED.
- TOP OF PIPE CONNECTION.
- DELETED.
- TEMPORARY CONE STRAINER FOR START UP PURPOSES
- DO NOT POCKET, SLOPE 2 1/2" /100 FEET
- THERMAL MASS FLOW METER IS INSERTION TYPE AND SHOULD BE ABLE TO REMOVE ONLINE. SEE DETAIL "A".
- ACCESSIBLE FOR MAINTENANCE PURPOSES.
- DETAIL "A" THERMAL MASS FLOW METER.



- SEE DETAIL "B" SAMPLE CONNECTION.
- DELETED

LEGEND

REFERENCE DRAWINGS

1.	CP-403GS-EF-026-C	ISSUED FOR REVIEW (JOB. NO. WA-1561A)

PROCESS SAFETY INFORMATION
(PSI) DOCUMENT

REVISION	DATE	DESCRIPTION	BY	CHK'D	D.E.	P.E.	PSI
12	30/12/21	UPDATE AS PER PSI V&V (047615)	RKP	PWW	-	-	RIS
11	10/12/20	UPDATE AS PER PSI V&V (047615)	RPGN	PUTM	-	-	TXPA
10	20/07/20	UPDATE AS PER PSI V&V (047615)	RPGN	PUTM	-	-	AOZL
9	12/12/19	AS BUILT MOC#719925	RPGN	DSUD	-	-	ABI
8	23/04/19	UPDATE AS PER PSI V&V MOC#307724	RPGN	PUTM	-	-	ABI
7	23/11/18	AS BUILT (PSI V&V AS PER MOC#481540)	DNR	AM	-	-	KD



PROJECT	HO AIR EMISSION HANDLING DED
SCALE	AS-SHOWN
DATE	08-APR-09
DR. FJI	CHK'D MS
DES. ENG'R	SPT
PROJECT ENG'R	MF/RI
PROJECT MGR.	BOED

DRAWING TITLE
PIPING AND INSTRUMENT DIAGRAM
ENCLOSED GROUND FLARE FACILITY
CGS DURI AREA-3

DURI-OTPF03GS000-PRO-PID-IBU-0011-00	PROJECT NO. C701029	DRAWING No. CP-403GS-EF-026-12	SIZE A
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