

CHEVRON DOC # KDU-FKOD440003-TEC-REC-BIL-4400-00094

GENERAL NOTES:

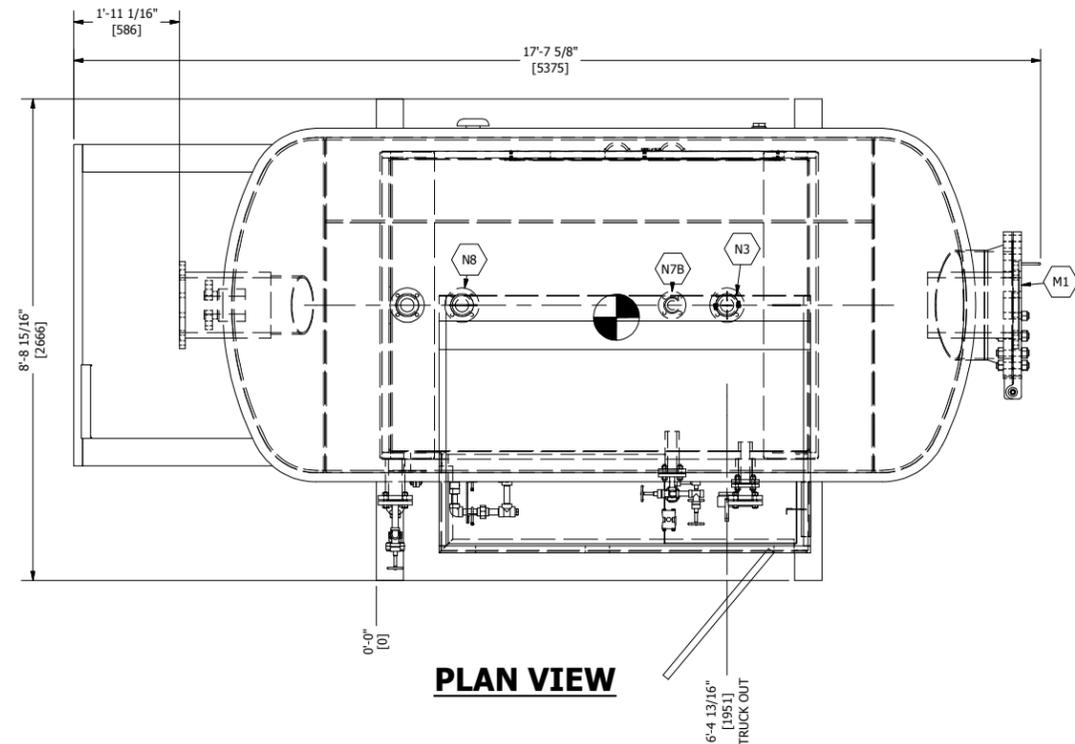
- ALL OPENINGS TO BE COVERED PRIOR TO SHIPPING
- FULL BOLT-UP FOR SHIPPING WILL BE USED - READY FOR SERVICE
- APPROXIMATE SHIPPING WEIGHT: 11,100 LBS
- APPROXIMATE SHIPPING DIMENSIONS: 8'-9" W x 9'-1" H x 17'-8" LG
- RING GASKETS SHALL BE COATED WITH RUST PREVENTIVE GREASE BEFORE INSTALLATION
- FLANGES TO BE PROTECTED AGAINST CORROSION & DAMAGE BY APPLYING STIFF GREASE, AND BY BOLTING ON A WOODEN OR STEEL COVER WITH MIN. OF 4 BOLTS
- A PLASTIC SHEET SHALL BE INSERTED BETWEEN WOODEN COVER AND GREASED FLANGE SURFACE

STEEL PIPING FORGED PRODUCTS SELECT CHEM

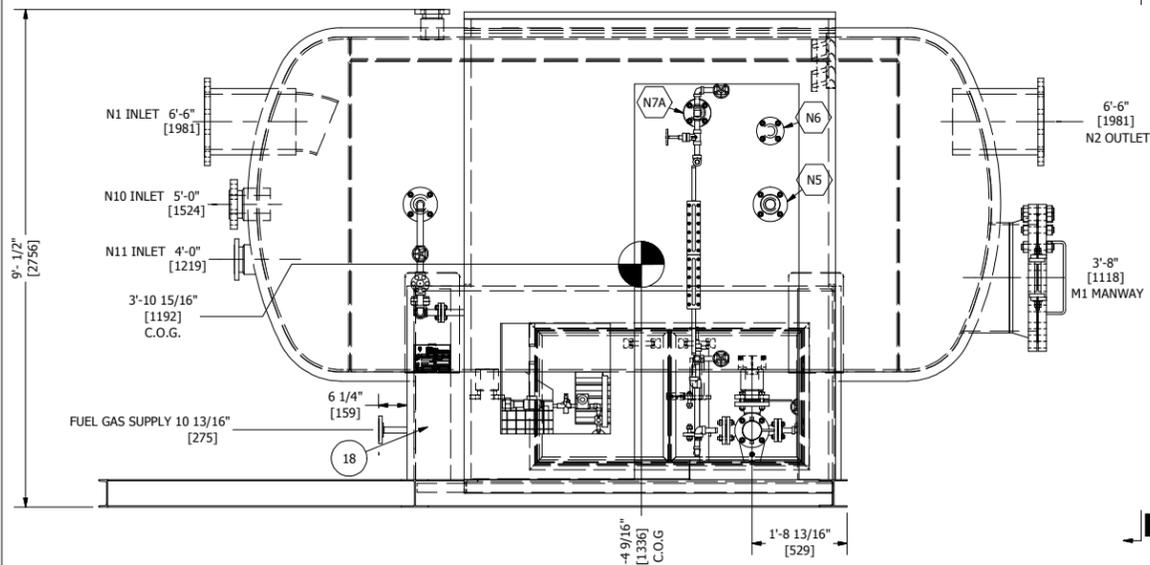
MUST MEET CHEVRON AML KDA-0300-PUR-LST-CBU-0000-00001 AML REV3
 SELECT CHEM: As per KDA-0800-PIP-SPC-CBU-0000-00086 RA.2
 MUST MEET NACE MR0175/ISO 15156
 CE = 0.43 MAX
 C = 0.23
 Mn = 1.35
 V max = See Table 2 of KDA-0800-PIP-SPC-CBU-0000-00086 RA.2
 Nb max = See Table 2 of KDA-0800-PIP-SPC-CBU-0000-00086 RA.2
 Cr+Mo+Ni+Cu+V = 0.600 MAX
 P = 0.025
 S = 0.025

STEEL PIPING SEAMLESS PRODUCTS SELECT CHEM

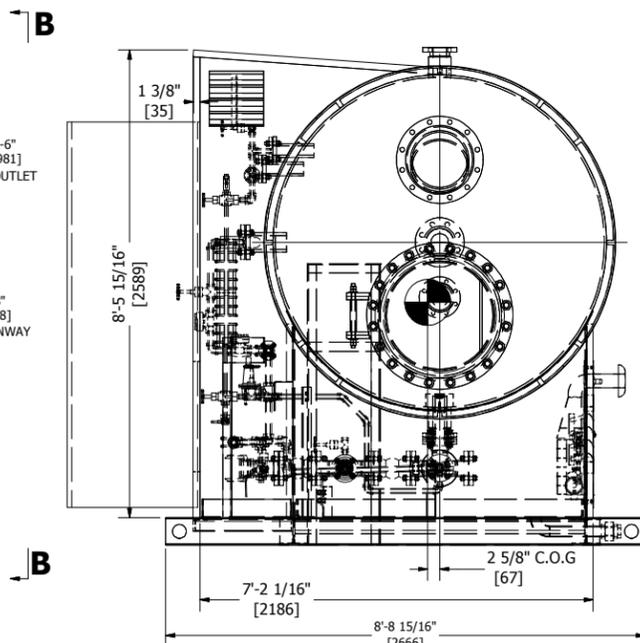
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 Nb max = See Table 2 of KDA-0800-PIP-SPC-CBU-0000-00086 RA.2
 Cr+Mo+Ni+Cu+V = 0.600 MAX
 P = 0.025
 S = 0.010



PLAN VIEW



ELEVATION VIEW



VIEW B-B

FLEXPRO GASKETS REQUIRED FOR TRUCKOUT SPOOLING

REV	DATE	DESCRIPTION	BY	ENG	PM	APP
A	2019/10/15	ISSUED FOR APPROVAL	RMM	JAM	DG	
0	11/8/2019	ISSUED FOR FABRICATION	AMC	JAM	DG	

BILL OF MATERIALS

ITEM	QTY	REF.	PART No.	DESCRIPTION	LENGTH	MATERIAL	WEIGHT (lbs)
1	1	-	-	VESSEL ASSEMBLY (SEE DRAWING -201 FOR DETAILS)			8086.72
1	1	-	-	SOCKET WELD ASSEMBLY (SEE DRAWING -701 FOR DETAILS)			92.17
3	1	-	-	SKID ASSEMBLY (SEE DRAWING -501 FOR DETAILS)			1503.68
4	1	-	-	ENCLOSURE ASSEMBLY (SEE DRAWING -601 FOR DETAILS)			556.89
5	1	-	-	BUTT WELD SPOOLING (SEE DRAWING -702 FOR DETAILS)			101.42
6	1	-	1-000257	3/4 U-BOLT c/w NUTS		MILD STEEL	0.26
7	3	-	1-000258	1 U-BOLT c/w NUTS		MILD STEEL	0.87
8	1	-	1-000759	3/4 x CL3000 90° THRD ELBOW		SA-350-LF2	2.05
9	5	-	1-000760	1 x CL3000 90° THRD ELBOW		SA-350-LF2	8.57
10	1	-	1-000972	2 x CLASS 150 RF BLIND FLG		SA-350-LF2 CL.1	10.75
11	1	-	1-000978	3" x CLASS 150 RF BLIND FLG		SA-350-LF2 CL.1	21.89
12	1	-	1-001448	2 x CLASS 150 RF HUB BLIND FLG TAPPED TO 1 NPT		SA-350-LF2 CL.1	6.03
13	1	-	1-001701	6" x 8" NAMEPLATE		ALUMINUM	0.17
14	1	-	1-001847	3/4" NIPPLE SCH 160 x 3" LG		SA-333-GR6	0.48
15	8	-	1-001865	1/2" DIA HEX NUT		SA-194-2HM	0.57
16	4	-	1-002615	1/2 DIA x 2 1/2 LG STUD		SA-193-B7M	0.57
17	1	-	1-003011	1 x CL3000 THRD TEE		SA-350-LF2 CL.1	4.82
18	1	-	1-003415	1" PIPE SCH 160 (TBE)	1'-8 1/16"	SA-333-GR6	4.76
19	1	-	1-003415	1" PIPE SCH 160 (TBE)	1'-6 1/8"	SA-333-GR6	4.30
20	1	-	1-003415	1" PIPE SCH 160 (TBE)	4"	SA-333-GR6	0.94
21	1	-	1-003415	1" PIPE SCH 160 (TBE)	2'-1 15/16"	SA-333-GR6	6.16
22	1	-	1-003415	1" PIPE SCH 160 (TBE)	4 13/16"	SA-333-GR6	1.14
23	1	-	1-003415	1" PIPE SCH 160 (TBE)	7 15/16"	SA-333-GR6	1.88
24	1	-	1-003491	1 x CL3000 THRD UNION		SA-350-LF2 CL.1	4.10
25	1	-	1-003801	1/2" NPT HEX HEAD PLUG		SA-350-LF2 CL.1	0.15
26	1	-	1-003802	1 NPT HEX HEAD PLUG		SA-350-LF2 CL.1	0.93
27	1	-	1-003854	3 x CLASS 150 RFTO FLG		SA-350-LF2 CL.1	9.60
28	1	-	1-004138	1/2" DIA x 1 1/2" LG STRUCTURAL HEX BOLT, c/w NUT AND WASHER		SA-325	0.45
29	1	-	1-004300	3 x CLASS 150 SPEC BLIND FLG		SA-516-70N	2.53
30	1	-	1-004892	3 x CLASS 150 RF HUB BLIND FLG TAPPED TO 2 NPT		SA-350-LF2 CL.1	11.33
31	1	-	1-004894	3/4 NPT HEX HEAD PLUG		SA-350-LF2 CL.1	0.51
32	1	-	1-005285	2 NPT HEX HEAD PLUG		SA-350-LF2 CL.1	2.16
33	1	-	1-007264	2 x CL3000 THRD UNION		SA-350-LF2 CL.1	6.79
34	1	-	1-008401	24 x CLASS 150 RF CGI GRAPHITE FILLED GASKET		316SS	6.70
35	5	-	1-008402	2 x CLASS 150 RF CGI GRAPHITE FILLED GASKET		316SS	1.73
36	10	-	1-008408	3 x CLASS 150 RF CGI GRAPHITE FILLED GASKET		316SS	5.31
37	1	-	1-010672	1" NIPPLE SCH 160 x 4" LG		SA-333-GR6	0.94
38	4	-	1-010673	1" NIPPLE SCH 160 x 3" LG		SA-333-GR6	2.82
39	1	-	1-012350	1 x 3/4 x CL3000 THRD REDUCING TEE		SA-350-LF2 CL.1	2.43
40	1	-	1-012926	1 x CLASS 150 RFTO FLG		SA-350-LF2 CL.1	1.97
41	1	-	1-014599	3" CAMLOCK DUST CAP		316L	1.04
42	1	-	1-014600	3" MALE CAMLOCK x FNPT		316L	0.67
43	1	-	1-015228	1/2" PIPE SCH XXH (TBE)	10 11/16"	SA-333-GR6	1.53
44	1	-	1-015228	1/2" PIPE SCH XXH (TBE)	8"	SA-333-GR6	1.14
45	1	-	1-015682	1/2 x CL6000 90° THRD ELBOW		SA-350-LF2 CL.1	1.38
46	1	-	1-015767	1" NIPPLE SCH 160 x 6" LG		SA-333-GR6	1.42
47	1	-	1-017771	1 x CLASS 150 RF CGI GRAPHITE FILLED GASKET		316SS	0.16
48	1	-	1-019381	1/2" NIPPLE SCH XXH x 3" LG		SA-333-GR6	0.43
49	1	-	1-019384	3/4" NIPPLE SCH XXH x 3" LG		SA-333-GR6	1.22
50	112	-	1-022566	5/8" DIA HEX NUT ZINC PLT		SA-194-2HM	14.57
51	48	-	1-022567	5/8" DIA x 3 1/2" LG STUD ZINC PLT		SA-193-B7M	14.96
52	4	-	1-022568	5/8" DIA x 4" LG STUD ZINC PLT		SA-193-B7M	1.42
53	40	-	1-022569	1 1/4" DIA HEX NUT ZINC PLT		SA-194-2HM	35.12
54	20	-	1-022570	1 1/4" DIA x 7" LG STUD ZINC PLT		SA-193-B7M	49.86
55	8	-	1-024438	1/2" DIA HEX NUT ZINC PLT		SA-194-2HM	0.57
56	4	-	1-024439	5/8" DIA x 4 1/4" LG STUD ZINC PLT		SA-193-B7M	1.51
57	5	-	1-025588	3" CL150 KAMPROFILE SIGMA 500 PTFE GASKET			
58	4	-	1-025741	1/2" DIA x 2 3/4" LG STUD ZINC PLT		SA-193-B7M	0.63
59	1	-	1-025864	1 1/2" x CLASS 150 FLEXPRO ZG 316L/PTFE GASKET		316SS	0.24
60	1	-	2-012070	3" x CLASS 150 FLANGE GRABBER (3/8" THK)		SA-36	2.73

STANTEC DOCUMENT PROCESSING STAMP

A - PROCEED I/O - DATA ACCEPTED FOR INFORMATION ONLY

B - PROCEED, CHANGE AS NOTED AND RESUBMIT BY: C - DO NOT PROCEED, CHANGE AS NOTED AND RESUBMIT BY:

RESUBMITAL DATE FOR STATUS B: _____ RESUBMITAL DATE FOR STATUS C: _____

SIGN: M.Y. DATE SIGNED: 2019-11-11

VDDR CODE(S): DM01, DG02, GD11

AUTHORIZATION TO PROCEED DOES NOT WAIVE SUPPLIER'S RESPONSIBILITY OR LIABILITY UNDER THE CONTRACT/PURCHASE ORDER FOR COMPLIANCE WITH THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS

NOTE: MATERIALS ARE NACE MR0175/ISO 15156 AS PER CHEVRON SELECT CHEMISTRY AND AML REQ'D



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 FAX 227-7796

CHEVRON CANADA LTD.

72" ID x 10' S/S 60 BBL FKOD - TAG: FKOD-4400
 FINAL ASSEMBLY

QUOTE NUMBER: 107948	SALE ORDER: 005676	SIZE
PURCHASE ORDER: 11862693	JOB ORDER:	D
LOCATION: 06-07-062-23 WSM (WASX-W039)	D5250	D
DATE: 11/4/2019	DRAWING NO.:	REV.
SHEET: 1 OF 8	D5250-101	0
CRN DWG: N/A		
CRN NUMBER: N/A		

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