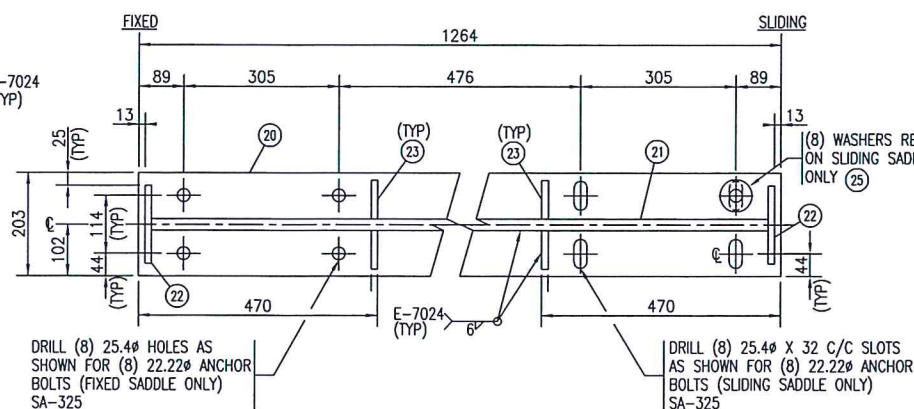
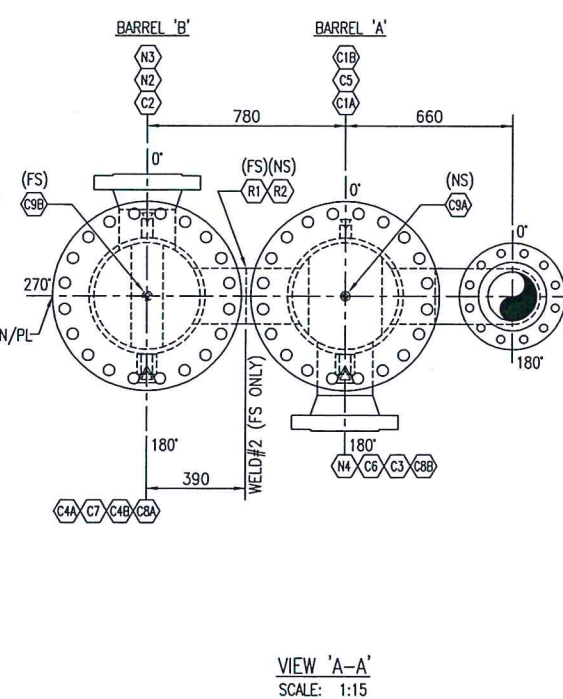




PRODUCTION IMPACT TEST REQUIRED ☐ NO

SHIP LOOSE ☐ NO

SURFACE AREA OF TUBES: 179.72 SQ. M/BARREL

MANUFACTURERS SPECS:

1/ Service: S.S. = RESIDUE GAS/T.S. = INL GAS

2/ Long & circ. welds type 1

3/ QWP: WP-590.2(on file)

4/ QCP: A-QPS-1050(on file)

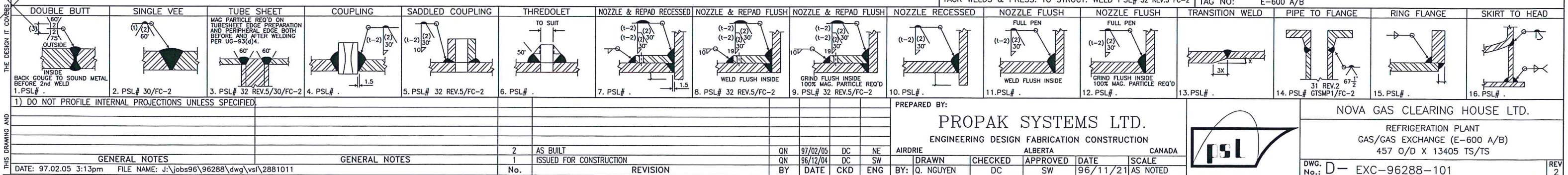
TACK WELDS & PRESS. TO STRUCT. WELD PSL# 32 REV.5 FC-2

BILL OF MATERIAL			
ITEM	QUA	DESCRIPTION	
P 1	2	SHELL PIPE: 457 O/D X 19.05 WT X 13303 LG SMLS	SA-106-B
P 2	4	SHELL PIPE: 457 O/D X 19.05 WT X 420 LG SMLS	SA-106-B
P 3	8	REPAD PL: 13 THK X 321 O/D X 222 I/D (ROLL TO 457 I/D)	SA-516-70
P 4	4	FLANGE: 457-600# RFWN SCH. 60 BORE	SA-105N
P 5	4	FLANGE: 457-600# RF BLIND	SA-105N
P 6	4	GASKET: 457-600# RF X 3 THK X CHLOROCARB. FILLED FLEX.	304SS
P 7	80	STUDS: 410 X 273 LG C/W (2) HEX. HEAD NUTS EA.	SA-193-B7/194-2H
P 8	4	FLANGE: 219-600# RFWN SCH. XXH BORE	SA-105N
P 9	1	PIPE: 219 O/D X 22.23 WT X 235 LG SMLS (CTS)	SA-106-B
P 10	2	PIPE: 219 O/D X 22.23 WT X 185 LG SMLS (CTS)	SA-106-B
P 11	1	PIPE: 219 O/D X 22.23 WT X 472 LG SMLS (CTS)	SA-106-B
P 12	2	PIPE: 219 O/D X 22.23 WT X 236 LG SMLS (CTS)	SA-106-B
P 13	1	PIPE: 219 O/D X 22.23 WT X 202 LG SMLS (CTS)	SA-106-B
P 14	1	ELBOW: 219 O/D X 90° L.R. SCH. XXH B.W. SMLS	SA-234-WPB
P 15	1	NAME PLATE: C/W MOUNTING BRACKET	SS/SA-36
P 16	2	CPLG: 33-3000# NPT	SA-105
P 17	4	CPLG: 27-3000# NPT C/W PLUG	SA-105
P 18	3	CPLG: 27-3000# NPT X-LG (ONE MAKES TWO) C/W PLUG	SA-105
P 19	2	CPLG: 48-3000# NPT	SA-105
P 20	2	FL: 19 THK X 203 WD X 1264 LG	SA-36
P 21	2	PL: 22 THK X 611 WD X 1212 LG (CTS)	SA-36
P 22	4	FL: 13 THK X 152 WD X 536 LG	SA-36
P 23	8	FL: 13 THK X 76 WD X 536 LG	SA-36
P 24	4	RING PL: 22 THK X 508 O/D X 460 I/D (CTS)	SA-36
P 25	8	WASHER PL: 13 THK X 64 O/D X 25 I/D	SA-36

SERIAL NO:	96288 'AA'		
YEAR BUILT:	1996		
CRN:	N-4882.2		
CODE: ASME SECT. VIII DIV I		TEMA CLASS: 'C'	
YEAR: '95	ADDENDA: '95	YEAR: '88	ADDENDA: '91

CRN:	SHELLSIDE	TUBESIDE
DESIGN PRESSURE (kPaG)	6894	6894
DESIGN TEMPERATURE (°C)	66	66
M.D.M.T. (°C)	-29	-29
HYDROTEST PRESSURE (kPaG)	10341	10341
HEAD MATERIAL	SA-516-70N	SA-516-70N/SA-105N
SHELL MATERIAL	SA-106-B (SMLS)	SA-106-B (SMLS)
RADIOGRAPHY:	N/A	N/A
LONG	N/A	N/A
CIRC.	SPOT UWII(a) 5(b) 12(d)	SPOT UWII(a) 5(b) 12(d)
CORROSION ALLOWANCE (mm)	1.59	1.59
P.W.H.T.	NONE	NONE

LSD#:	16-32-10-24 W4M
TAG NO:	E-600 A/B



[illegible]