

INSPECTION NOTES:

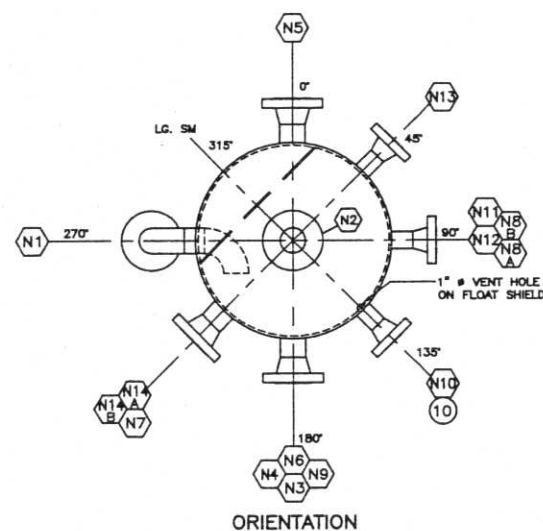
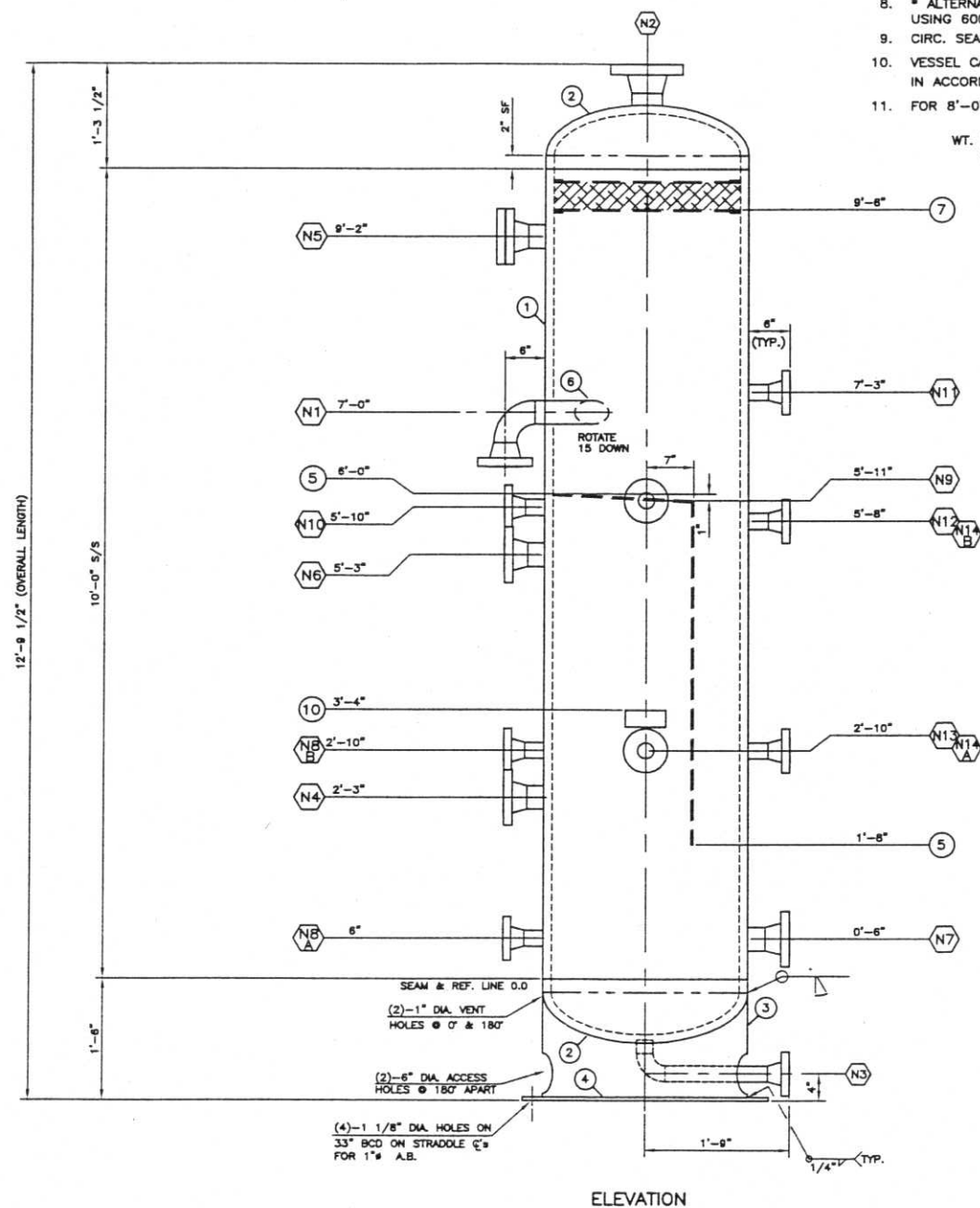
- VESSEL HEADS & SHELL TO BE UT'D ON A 9" GRID PER SA-435
- ALL CAT. "D" WELDS TO BE SHEAR WAVE ULTRASONICALLY TESTED PRIOR TO PWHT
- ONE SET OF HARDNESS READINGS SHALL BE TAKEN PER EACH WELDER PER EACH PROCEDURE USED. A SET OF HARDNESS READINGS SHALL CONSIST OF 3 READINGS; WM, HAZ & PM. HARDNESS SHALL NOT EXCEED BHN 200.
- ALL INTERNALS TO BE SEAL WELDED.
- ALL CAT "D" WELDS TO BE MAG. AFTER PWHT

GENERAL NOTES:

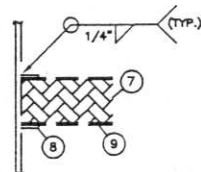
- VESSEL TO BE THOROUGHLY DRAINED & CLEANED WITH ALL OPENINGS PLUGGED BEFORE SHIPMENT.
- ALL BOLT HOLES TO STRADDLE NATURAL C'S UNLESS NOTED.
- EXPOSED INSIDE EDGES OF NOZZLES TO BE ROUNDED TO 1/8" MIN. RADIUS, MANWAY TO 3/16" MIN. RADIUS.
- ALL DIMENSIONS ARE TO REFERENCE LINE UNLESS NOTED.
- IMPACT TEST NOT REQ'D AS PER UG-20-(f) 1-5, UCS-66(a) & UCS-66(c)
- MIN. DESIGN & METAL TEMP. -20 DEG. F @ 1440 PSIG
- RUSHTON WELD PROCEDURE R2-REV.2, R6, R-13.
- * ALTERNATE TO USE 3000#/6000# TOL FOR THREADED CONN. USING 6000# FOR 3/4" CONN. & UNDER
- CIRC. SEAMS USE WELD DETAIL "S7"
- VESSEL CALC'S HAVE CONSIDERED ALL APPLICABLE LOADINGS IN ACCORDANCE WITH UG-22
- FOR 8'-0" S/S SHELL:
WT. = 4900 LBS
WT. FLD. = 7200 LBS
VOL = 37.8 ft³

ITEM NO.	NO. REQ'D	SIZE	RATING	SERVICE	WELDING DETAIL	WELD SIZE	WELD SIZE	WELD SIZE
N1	1	3"	600#	INLET	F1, N2, S7	1 1/8" 3/4"	1 1/4"	
N2	1	3"	600#	OUTLET	F1, N2	7/8" 3/4"	1 1/4"	
N3	1	2"	600#	DRAIN	F1, N1, S7	3/8"		
N4	1	3"	600#	LC WATER	F1, N2	1 1/8" 3/4"	1 1/4"	
N5	1	3"	600#	INSP.	F1, N2	1 1/8" 3/4"	1 1/4"	
N6	1	3"	600#	LC COND.	F1, N2	1 1/8" 3/4"	1 1/4"	
N7	1	3"	600#	WATER OUT/INSP.	F1, N2	1 1/8" 3/4"	1 1/4"	
N8 A	2	2"	600#	LG WATER	F1, N1	3/8"		
N9	1	2"	600#	TI	F1, N1	3/8"		
N10	1	2"	600#	PI	F1, N1	3/8"		
N11	1	2"	600#	PSV	F1, N1	3/8"		
N12	1	3"	600#	HLSD	F1, N2	1 1/8" 3/4"	1 1/4"	
N13	1	2"	600#	COND. OUT	F1, N1	3/8"		
N14 A	2	2"	600#	LG COND.	F1, N2	3/8"		

ITEM NO.	QTY REQ'D	DESCRIPTIONS	MAT'L SPEC.
1	1	SHELL- 30" OD x 1.250" THK. PLATE x 10'-0" LONG	SA-516-70N
2	2	HEADS- 30" OD x 1.14" MIN x 2:1 SE c/w 2" SF (1.250" NOM)	SA-516-70N
3	1	SKIRT- 30" OD x 3/8" THK PLATE	SA-516-70N
4	1	BASE PLATE- 36" OD x 26" ID x 1/2" PLATE	SA-516-70N
5	2 PC's	FLAT SHIELD- 3/8" THK. PLATE	SA-516-70N
6	1	INLET DIVERTER- 3" SCH. 80 x 90 DEG. LR	SA-234-WPB
7	1	MISTEX- 4" THK. x 9 #/FT ³ x 27 1/2" OD	316L SS
8	2	RINGS- 27 3/8" OD x 24 3/8" ID x 3/8" THK. PLATE	SA-516-70N
9	2	XPM- #4 x 27 3/8" OD	SA-516-70N
10	1	NAME PLATE BRACKET- 1/4" THK. PLATE	SA-516-70N
N1	1	FLG- 3" 600# RFWN SCH XXH	SA-105N
1	1	PC NECK- 3" SCH. XXH SML'S PIPE	SA-106B
1	1	ELBOW- 3" SCH XXH x 90° LR	SA-234-WPB
N2	1	FLG- 3" 600# RFWN SCH. XXH	SA-105N
1	1	PC NECK- 3" SCH. XXH SML'S PIPE	SA-106B
N3	1	FLG- 2" 600# RFWN SCH. 160	SA-105N
2	2	PC NECK- 2" SCH. 160 SML'S PIPE (CUT TO SUIT)	SA-106B
1	1	ELBOW- 2" SCH 160 x 90° LR	SA-234-WPB
N4	1	FLG- 3" 600# RFWN SCH. XXH	SA-105N
1	1	PC NECK- 3" SCH. XXH SML'S PIPE	SA-106B
N5	1	FLG- 3" 600# RFWN SCH. XXH	SA-105N
1	1	PC NECK- 3" SCH. XXH SML'S PIPE	SA-106B
1	1	BLIND FLG.- 3" 600# RF	SA-105N
1	1	GSKT- 3" 600# RF. FLEX x 1/8" THK	316 SS
8	8	STUDS- 3/4" x 5" LG c/w NUTS	SA-105N
N6	1	FLG- 3" 600# RFWN SCH. XXH	SA-105N
1	1	PC NECK- 3" SCH. XXH SML'S PIPE	SA-106B
N7	1	FLG- 3" 600# RFWN SCH. XXH	SA-105N
1	1	PC NECK- 3" SCH. XXH SML'S PIPE	SA-106B
N8	2	FLG- 2" 600# RFWN SCH. 160	SA-105N
2	2	PC NECK- 2" SCH. 160 SML'S PIPE	SA-106B
N9	1	FLG- 2" 600# RFWN SCH. 160	SA-105N
1	1	PC NECK- 2" SCH. 160 SML'S PIPE	SA-106B
N10	1	FLG- 2" 600# RFWN SCH. 160	SA-105N
1	1	PC NECK- 2" SCH. 160 SML'S PIPE	SA-106B
N11	1	FLG- 2" 600# RFWN SCH. 160	SA-105N
1	1	PC NECK- 2" SCH. 160 SML'S PIPE	SA-106B
N12	1	FLG- 3" 600# RFWN SCH. XXH	SA-105N
1	1	PC NECK- 3" SCH. XXH SML'S PIPE	SA-106B
N13	1	FLG- 2" 600# RFWN SCH. 160	SA-105N
1	1	PC NECK- 2" SCH. 160 SML'S PIPE	SA-106B
N14	2	FLG- 2" 600# RFWN SCH. 160	SA-105N
2	2	PC NECK- 2" SCH. 160 SML'S PIPE	SA-106B



MISTEX SUPPORT DETAIL



INSPECTION NOTES:

- HARDNESS OF MATERIALS SHALL BE ≤ BHN 200 AND SHALL MEET CHEMISTRY REQUIREMENTS:

$$CE = C + \frac{Mn}{6} + \frac{(Cr + Mo + V)}{5} + \frac{(Ni + Cu)}{15}$$

WHERE CE ≤ 0.45

SPECIFICATIONS

VESSEL TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE ASME CODE SECTION VIII, DIVISION 1, UG-11-(a), 1998 EDITION, ADDENDA 2000

CODE STAMP REQ'D. C.R.N. P1625.2 C.A.-SHELL 0.125" HEAD 0.125"

DESIGN PRESSURE 1440 PSIG @ -20/130°F WEIGHT EMPTY 5800 LBS

WORKING PRESSURE @ WEIGHT FLOODED 8700 LBS

RADIOGRAPHY RT-1 (FULL INCL. ALL NOZZ. ENDS) LONG 100% CIRC. 100% VOLUME 46.4 FT³

STRESS RELIEVE 75 MIN. @ 1150°F HYDRO TEST 2160 PSIG

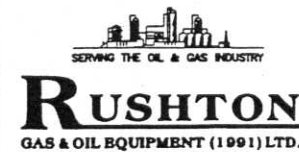
HEAD SPEC. SA-516-70N 1.14" MIN. (1.250" NOM.)

SHELL SPEC. SA-516-70N (1.250" NOM.)

PAINT

(1) REQ'D
TIME CARD
C-1668-VS

DWG. NO.	REFERENCE DRAWINGS	REV	DESCRIPTION	DATE	BY
		A	REVISED TO CURRENT ADDENDA	APR.25/01	T.S.



CUSTOMER:	DEVON CANADA CORPORATION	LOCATION:	
c/o PRECISION ENGINEERING INC.			
(3) PHASE VERTICAL SEPARATOR			
30" OD x 10'-0" S/S x 1440 PSIG x -20/130°F, 1/8" C.A.			
FOR JOB# "C-1668" ONLY			
DATE:	DRN BY:	SCALE:	CHKD BY:
05/08/00	Y.P.	1": 1'-0"	
APPRD BY:	DWG NO:	S-30SR-A	REV: