

NAMEPLATE DATA

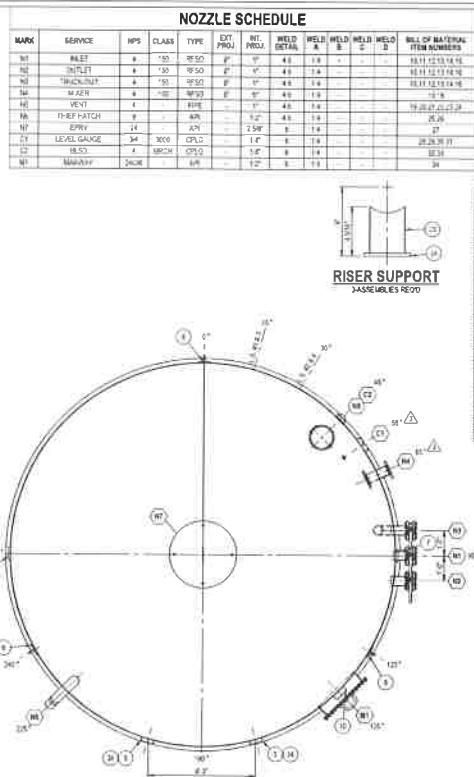
FABRICATED BY WESTERN MANUFACTURING LTD. - HYTHE ALBERTA T90 200 200					
YEAR COMPLETED	2017	DESIGN PRESS.	8.500 PSI	NOMINAL DIAMETER	10'
API STANDARD	API 650	DESIGN SPECIFIC GRAVITY	1.3	NOMINAL HEIGHT	34'
EDITION	11th 2013	PRESS. CORR. FACTOR	0.4	DESIGN LIQUID LEVEL	1/4"
APPROXIMATE AREA	54.1	MAXIMUM DESIGN TEMP.	100°C	MAXIMUM CAPACITY	7000 BBL
SERIAL NO.	EN0002	MANUFACTURE TEMP.	205°C	STRESS RELIEF	N/A
DIRECTED BY	WESTERN MANUFACTURING LTD.	TANK TAG NO.		DESIGN VACUUM	0.500 PSI
SHELL COURSE 1	14'			DESIGN VACUUM	0.500 PSI
SHELL COURSE 2	3'10"			DESIGN VACUUM	0.500 PSI
SHELL COURSE 3	8'10"			DESIGN VACUUM	0.500 PSI
SHELL COURSE 4	3'10"			DESIGN VACUUM	0.500 PSI

TANK SPECIFICATIONS

GENERAL NOTES	
1. DESIGN NUMBER	SPR-10
2. DESIGN PRESSURE	8.000" H ₂ O
3. DESIGN VELOCITY	10.000' / SEC
4. REARTS	SURETY
5. DESIGN ALLIANCE	100
6. TEST PRESSURE	8.000" H ₂ O
7. VOLUME (BBL)	10.000' H ₂ O
8. VOLUME (MG)	17.000' H ₂ O
9. MINIMUM DIMENSIONS	1" OF 90° & 45° CORNERS
10. INSULATION	1" MINIMUM
COATING SCHEDULE	
EXTERNAL PREPARATION	SPC-50H
PRIMER & BUILT-UP	ENDURA 1 INTERLAY EPOXY
EXTERNAL FINISH	ENDURA 1 INTERLAY EPOXY
INTERNAL PREPARATION	ENDURA 1 INTERLAY EPOXY
INTERNAL FINISH	ENDURA 1 INTERLAY EPOXY
INSULATION	N/A
GENERAL NOTES	
HYDRO TEST: ALL 1 1/2" DIA. & 1 1/2" DIA.	



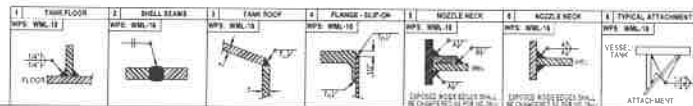
General By: Dan Griffiths	1000 BBL SINGLE WALL STORAGE TANK
Drawn: November 07 15	GENERAL ARRANGEMENT
Checked: November 07 15	
Approved: November 07 15	
Project: M02401	WO003001
Revision: 1	WO003001-2
Sheet: 1 of 1	3

[illegible]

BILL OF MATERIALS					
ITEM	QTY	PART NAME	DESCRIPTION	LENGTH	MATERIAL
1	1	900010754	FLANGE ASSEMBLY - FL 3/4" x 1/4" x 0"		A-36
2	1	900010762	SHLL 1/4" ID x 1/4" OD x 1/4" THK (2" ID)		A-36
3	3	900010801	SHLL 1/4" ID x 1/4" OD x 1/4" THK (2" ID)		A-36
4	1	900010742	NOZ PLUG 1/4" ID x 1/4" OD x 1/4" THK (2" ID)		A-36
5	4	900010784	WELDING PAD CHUCK	3' 0"	SA-105
6	1	900010784	WELDING PAD CHUCK		A-36
7	2	900010788	CLIP LOCK PLATE 1/4" x 1/4" x 1/4"		A-36
8	3	900010752	TAPPING LUG ASSEMBLY 3/4" DIA PROFILE		A-36
9	1	900010806	WATER TIGHT BRACKET 1/4" DIA x 1/4" THK (2" ID)		A-36
10	1	900010807	FLANGE - 1/4" DIA x 1/4" THK (2" ID)		SA-105
11	3	900010778	FLANGE - 1/4" DIA x 1/4" THK (2" ID)		SA-105
12	3	900010802	BT 1/4" DIA x 1/4" THK (2" ID) - 1/4" DIA x 1/4" THK (2" ID)		SA-105
13	24	900010787	CLIP LOCK PLATE 1/4" x 1/4" x 1/4"		SA-105
14	36	900010754	FL 3/4" x 1/4" x 0"		SA-105
15	1	900010754	FL 3/4" x 1/4" x 0"		SA-105
16	2	900010713	P/P - 1/4" SOI-20	8.00"	SA-105
17	2	900010713	P/P - 1/4" SOI-20	7.75"	SA-105
18	1	900010727	BLW - 1/4" x 1/4" x 1/4" SOI-20	11.54"	SA-105
19	1	900010727	BLW - 1/4" x 1/4" x 1/4" SOI-20		SA-105
20	1	900010726	BLW - 1/4" x 1/4" x 1/4" SOI-20		SA-105
21	1	900010713	P/P - 1/4" SOI-20		SA-105
22	2	900010713	P/P - 1/4" SOI-20	20.0"	SA-105
23	2	900010713	P/P - 1/4" SOI-20		SA-105
24	3	900010801	REFIN 1/4" x 1/4" x 0"		A-36
25	1	900010729	IF 1/4" THK 1/4" DIA x 1/4" THK (2" ID)		A307
26	1	900010729	IF 1/4" THK 1/4" DIA x 1/4" THK (2" ID)		A307
27	1	900010742	NOZ PLUG 1/4" ID x 1/4" OD x 1/4" THK (2" ID)		A-36
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100	1	900010742	NOZ PLUG 1/4" ID x 1/4" OD x 1/4" THK (2" ID)		A-36

- 1 ALL IN-SIDE PROJECTIONS MEASURED ALONG SHORT SIDE OF NOZZLE
- 2 ALL OUTSIDE PROJECTIONS MEASURED ALONG CENTER OF NOZZLE
- 3 ALL BOLT HOLES TO STRADDLE CENTERLINES
- 4 ALL REPAIRS TO HAVE A 1/4" HALF COUPLING FOR WEEP HOLE.
- 5 CLEAN AND COVER ALL OPENINGS FOR SHIPMENT

Angle	Strap Length	Strap Length	Strap Length	Strap Length
0°	24.4"	100	104.71"	270
10°	24.4"	100	104.71"	270
15°	24.4"	100	104.71"	270
20°	24.4"	100	104.71"	270
25°	24.4"	100	104.71"	270
30°	24.4"	100	104.71"	270
35°	24.4"	100	104.71"	270
40°	24.4"	100	104.71"	270
45°	24.4"	100	104.71"	270
50°	24.4"	100	104.71"	270
55°	24.4"	100	104.71"	270
60°	24.4"	100	104.71"	270
65°	24.4"	100	104.71"	270
70°	24.4"	100	104.71"	270
75°	24.4"	100	104.71"	270
80°	24.4"	100	104.71"	270
85°	24.4"	100	104.71"	270
90°	24.4"	100	104.71"	270
95°	24.4"	100	104.71"	270
100°	24.4"	100	104.71"	270
105°	24.4"	100	104.71"	270
110°	24.4"	100	104.71"	270
115°	24.4"	100	104.71"	270
120°	24.4"	100	104.71"	270
125°	24.4"	100	104.71"	270
130°	24.4"	100	104.71"	270
135°	24.4"	100	104.71"	270
140°	24.4"	100	104.71"	270
145°	24.4"	100	104.71"	270
150°	24.4"	100	104.71"	270
155°	24.4"	100	104.71"	270
160°	24.4"	100	104.71"	270
165°	24.4"	100	104.71"	270
170°	24.4"	100	104.71"	270
175°	24.4"	100	104.71"	270
180°	24.4"	100	104.71"	270



WESTERN

STANDARD INSURANCE CO.

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Don Griffin November 27-18 Kearl Organelli November 27-18	1000 BBL SINGLE WALL STORAGE TANK		
	1000 BBL SINGLE WALL STORAGE TANK		
MJ02401	W0003001	W0003001-3	