

Document Title:25012625 TANK DATASHEET - Equipment Data Sheets

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Tag #:	151-VLLEY-B0-OST-01	157-BFLPS-B0-OST-01
	152-FTPCK-B0-OST-01	158-FAITH-B0-OST-01
	153-CRCLE-B0-OST-01	159-HAKON-B0-OST-01
	154-PRAIR-B0-OST-01	160-MURDO-B0-OST-01
	155-FALLN-B0-OST-01	161-WINNR-B0-OST-01



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Rev No.	Rev Date yyyy-mm-dd	Reason for Issue	Contractor Originator	Contractor Reviewer	Contractor Approver
B	08-Mar-21	For Information	Westeel	Scott K	Scott K
A	28-Nov-19	For Information	Westeel	Fazlur R	Fazlur R

CODE 1: Work may proceed.



Permission to proceed does not constitute acceptance or approval of design details, calculations, analyses, test methods or materials developed or selected by the supplier and does not relieve the supplier from full compliance with contractual obligations.

Name: Halyna Hutsulyak

Date: 03/17/2021

TANK DATA SHEET

PHYSICAL	HORIZONTAL CYLINDRICAL						
		LENGTH	WIDTH	HEIGHT	DIAMETER	CAPACITY	EMPTY WEIGHT
	INSIDE DIMENSIONS:	6079			1612		
	SHIPPING ENVELOP:	7665	2810	3690		3275USG	6500lb (tank Only)
	OVERALL DIMENSIONS:						

DESIGN DATA	TANK FABRICATION CODE:	UL 142
	TANK TYPE:	INTEGRAL CONTAINED w/ INTEGRAL SPILL CONTAINMENT
	SERVICE:	HYDROCARBON
	SPECIFIC GRAVITY:	<1
	MAX OPERATING PRESSURE:	7 kPa (16.0 oz)
	MAX OPERATING VACUUM:	300 Pa (0.69 oz)
	MINIMUM TOTAL VENTING CAPACITY:	258700 CFH
	HEADS TO SHELL BACKWELD:	YES
	SHELL TO SHELL BACKWELD:	YES
	CORROSION ALLOWANCE:	0
	PRIMARY TANK THICKNESS INCLUDING CORR. ALLOWANCE:	4.24mm (MIN)
	SECONDARY TANK THICKNESS INCLUDING CORR. ALLOWANCE:	3.12mm (MIN)
	PIPING:	ALL SCH40, Except N10-SCH80
	FLANGE:	ALL #150, Except N10 - #600
	COUPLING:	N/A
	MAX. AIR TEST PRESSURE:	35kPa (max) Air/Soap Test
	WIND LOAD:	120 mph
	SEISMIC LOAD:	N/A
	SNOW LOAD:	40 Lb/Sq. ft
	IMPACT TESTING:	NO
	OVERFILL PROTECTION:	NO
	OVERFILL ALARM:	NO
	WATER DRAW CONNECTION:	NO
	SKID:	I-BEAM
	FORKLIFT POCKETS:	NO
BOLLARDS:	NO	

TESTING	PRODUCTION TESTING:	
	PNEUMATIC	YES
	HYDROSTATIC	NO
	VACUUM 5 DAY HOLD	YES
	MPI TEST ON LIFT LUGS	YES
	OTHERS	N/A

DESIGN NOTES:

- LIFTING LUGS ARE DESIGNED TO MOVE THE EMPTY TANK ONLY.

FABRICATION NOTES:

- FLANGE AND BOLT HOLES TO STRADDLE PRINCIPLE CENTERLINES.
- ALL NOZZLES PROJECTIONS ARE MEASURED ALONG NOZZLE CENTERLINE.
- ALL CONNECTION WILL BE PLUGED OR CAPPED.
- DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCE.
- TANK LENGTH MAY VARY DUE TO MILL TOLERANCE
- TANK CAPACITY MAY VARY UP TO 2.5% OF NOMINAL CAPACITY.
- OPENINGS SHALL BE BLANKED WITH TEMPORARY SHIPPING COVERS.

REVISIONS			
REV.	DESCRIPTION	DATE	BY
0	DATAHSHEET FOR TC US SCOPE	27/09/19	FR

PRIMARY TANK:	A36/ G40.21.44W	MATERIAL DATA
SECONDARY TANK:	A1011	
ROOF/LID:	N/A	
BOTTOM:	N/A	
LEGS/SADDLE/SKIRT:	G40.21.44W	
NOZZLE NECK:	ASTM A106B	
MANWAY/SPILLBOX:	G40.21.44W	
FLANGE:	ASTM A105	
REINFORCING PADS:	G40.21.44W	
PIPING:	ASTM A106B	
FITTINGS:	N/A	
COUPLINGS:	N/A	
BOLTING:		
-BOLTING FOR THIEF HATCH:	GALVANIZED G5	
-BOLTING FOR FLANGE NOZZLE/MANWAY:	GALVANIZED G5	
GASKET:		
-NOZZLES:	SW SS 316L GRAPHITE FILLER	
-MANWAY:	GARLOCK GASKET NEOPRENE	
-TH. HATCH:	GARLOCK GASKET NEOPRENE	
STRUCTURAL/SKID:	50W/A36/A572 GR50	
GRATING:	BAR GRATE TYPE 30-102 SERRATED	
OTHER:		
OTHER:		

EXTERNAL SHELL & HEAD:		PAINTING & COATING DATA
BLAST:	SSPC SP 6	
COATING:	Westeel White Powder	
COLOR:	White	
STAIR, CATWALK & LADDERS:		
BLAST:	N/A	
COATING:	N/a	
COLOR:	N/A	
SKID & STRUCTURAL:	HOT-DIPPED GALVANIZED	
BLAST:		
COATING:		
COLOR:	GALVANIZED	
INSULATION:		
INSULATION:	1.5" MINERAL WOOL w/ 0.020" ALUM CLADDING	
TOP COAT:		
TOP COAT COLOR:		
INTERNAL PREPARATION AND COATING: (SEE GENERAL NOTES)		
INTERNAL SHELL & HEAD:		
BLAST:	SSPC SP 10	
COATING:	1 COAT DEVOE 236 OFF WHITE & 1 COAT MEDIUM GRAY	
THICKNESS:	DEVOE SPECIFICATION	

DIMENSIONS SHOWN ARE MM IMPERIAL UNITS ARE IN BRACKETS	DESND. FR	DATE
TOLERANCES (UNLESS OTHERWISE NOTED)	DWN. FR	DATE
DIMENSIONS: METRIC (mm) IMPERIAL (in.)	CHKD.	DATE
x ± 2 .x ± .1 .x ± 1.0 .xx ± .03 .xx ± .50 .xxx ± .010	APPD.	DATE
ANGULAR: ± 1°		

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SUMP TANK HDW 3275 USG UL142
 CUSTOMER: TransCanada Pipelines Ltd.

CALCULATED WEIGHT	LOCATION
QUOTE NO.	5067
DRAWING NO.	ORDER NO.
25012625 DS	
REV. 0	SHEET 1 OF 1