

Document Title: Equipment Data Sheets
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TAG #	122-LKSDE-B0-OST-01
	123-MTRSP-B0-OST-01
	124-OYENS-B0-OST-01
	127-PIAPT-B0-OST-01
	128-GRSSY-B0-OST-01



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Rev No.	Rev Date yyyy-mm-dd	Reason for Issue	Contractor Originator	Contractor Reviewer	Contractor Approver
2	Oct 27, 2020	For Approval	Westeel	Scott K	Scott K
1	Oct 6, 2020	For Approval	Westeel	Scott K	Scott K

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: 11/04/2020

TANK DATA SHEET - TANK TAG#: 122-LKSDE-B0-OST-01, 123-MTRSP-B0-OST-01, 124-OYENS-B0-OST-01, 127-PIAPT-B0-OST-01, 128-GRSSY-B0-OST-01

PHYSICAL	HORIZONTAL CYLINDRICAL						
		LENGTH	WIDTH	HEIGHT	DIAMETER	CAPACITY	EMPTY WEIGHT
	INSIDE DIMENSIONS:	6170mm			1600mm		
	SHIPPING ENVELOP:	6494mm	2396mm	3144mm		12400L	5249lbm TANK ONLY
	OVERALL DIMENSIONS:						

DESIGN DATA	TANK FABRICATION CODE:	ULC S601-14
	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:	128 m³/MIN
	HEADS TO SHELL BACKWELD:	YES
	SHELL TO SHELL BACKWELD:	YES
	CORROSION ALLOWANCE:	0
	PRIMARY TANK THICKNESS INCLUDING CORR. ALLOWANCE:	3.41mm
	SECONDARY TANK THICKNESS INCLUDING CORR. ALLOWANCE:	2.5mm
	PIPING:	ALL SCH40, except N10 - SCH80
	FLANGE:	ALL #150 , except N10 - #600
	COUPLING:	N/A
	MAX. AIR TEST PRESSURE:	35kPa Air/Soap Test
	WIND LOAD:	See Doc. 25011558HFV 11000 Rev 1
	SEISMIC LOAD:	N/A
	SNOW LOAD:	219.26KN (TOTAL LOADS)
	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	N/A
	MPI TEST ON LIFT LUGS	YES
	OTHERS	N/A

DESIGN NOTES:

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

FABRICATION NOTES:

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

PRIMARY TANK:	A1011
SECONDARY TANK:	A1011
ROOF/LID:	N/A
BOTTOM:	N/A
LEGS/SADDLE/SKIRT:	G40.21.44W
NOZZLE NECK:	PIPE A106B
MANWAY/SPILLBOX:	G40.21.44W
FLANGE:	ASTM A105
REINFORCING PADS:	A1011
PIPING:	ASTM A53B
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: OTHER:	BAR GRATE TYPE 30-102 SERRATED
OTHER: LIFTING LUGS	LOW TEMP MATERIAL

EXTERNAL SHELL & HEAD:	
BLAST:	SSPC SP 6
COATING:	Westeel White Powder
COLOR:	White
STAIR, CATWALK & LADDERS:	N/A
BLAST:	Nile
COATING:	Nile
COLOR:	Nile
SKID & STRUCTURAL:	N/A
BLAST:	Nile
COATING:	Nile
COLOR:	Nile
INSULATION:	
INSULATION:	1.5" MINERAL WOOL w/ 0.020" ALUM CLADDING
TOP COAT:	
TOP COAT COLOR:	
INTERNAL PREPARATION AND COATING:	
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	 <p>This drawing is the exclusive property of WESTEEL and all rights are reserved. No part of this drawing may be used or reproduced in any manner whatsoever without written permission from WESTEEL.</p>	CALCULATED WEIGHT	LOCATION: 5067
	TOLERANCES (UNLESS OTHERWISE NOTED):	DWN: FR		DATE	QUOTE NO.
DIMENSIONS: METRIC (mm) IMPERIAL (in.)	CHKD: FR	DATE	DRAWING TITLE	DRAWING NO.	REV. 3
x ± .2 xx ± .1 x ± 1.0 xx ± .03 xx ± .50 xxx ± .010	APPD: FR	DATE	25011558 DATA SHEET	CUSTOMER	SHEET 1 of 1
ANGULAR: ± 1°			TransCanada Keystone Pipeline, Limited Partnership		

REVISIONS			
REV.	DESCRIPTION	DATE	BY
3	REVISED TANK TAG #	26/10/20	VP
2	ADDED TANK TAG #	08/05/19	FR
1	REVISED AS PER TC MARK-UP	26/04/19	FR