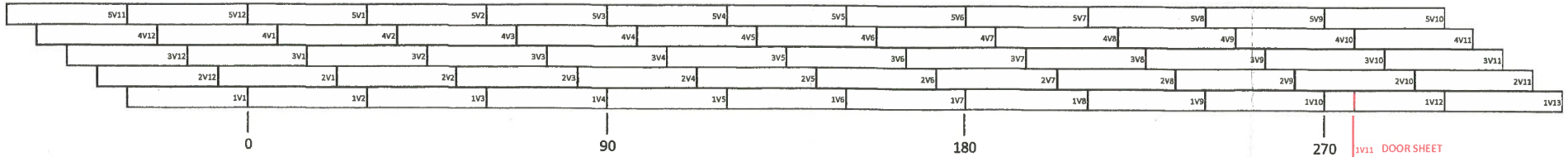


Tank #2 Rankin Inlet (AEM)



NDT TECHNICIAN WILL INITIAL EACH BOX WHEN WELD IS ACCEPTABLE

B ----> BOTTOM OF THE VERT (0-6")

M ----> MIDDLE OF THE VERT (53"-59")

T ----> TOP OF THE VERT (104 3/16" - 110 3/16")

VERTICAL SEAMS MAPPING UT

	B	M	T	FULL
1V1	UT FULL BECAUSE NOZZLE INTO VERT			SC
1V2	SC	SC	SC	
1V3	SC	SC	SC	
1V4	UT FULL BECAUSE NOZZLE INTO VERT			SC
1V5	SC	SC	SC	
1V6	SC	SC	SC	
1V7	UT FULL BECAUSE NOZZLE INTO VERT			SC
1V8	SC	SC	SC	
1V9	SC	SC	SC	
1V10	UT FULL BECAUSE NOZZLE INTO VERT			SC
1V11 (DOOR SHEET)	SC	SC	SC	
1V12	SC	SC	SC	
1V13	SC	SC	SC	

	B	M	T
2V1	SC	SC	SC
2V2	SC	SC	SC
2V3	SC	SC	SC
2V4	SC	SC	SC
2V5	SC	SC	SC
2V6	SC	SC	SC
2V7	SC	SC	SC
2V8	SC	SC	SC
2V9	SC	SC	SC
2V10	SC	SC	SC
2V11	SC	SC	SC
2V12	SC	SC	SC

	B	T
3V1	SC	SC
3V2	SC	SC
3V3	SC	SC
3V4	SC	SC
3V5	SC	SC
3V6	SC	SC
3V7	SC	SC
3V8	SC	SC
3V9	SC	SC
3V10	SC	SC
3V11	SC	SC
3V12	SC	SC

	B	T
4V1	SC	SC
4V2	SC	SC
4V3	SC	SC
4V4	SC	SC
4V5	SC	SC
4V6	SC	SC
4V7	SC	SC
4V8	SC	SC
4V9	SC	SC
4V10	SC	SC
4V11	SC	SC
4V12	SC	SC

	B	T
5V1	SC	
5V2	SC	
5V3	SC	
5V4	SC	
5V5	SC	
5V6	SC	
5V7	SC	
5V8	SC	
5V9	SC	
5V10	SC	
5V11	SC	
5V12	SC	

HORIZONTAL SEAMS MAPPING UT

H1V2	48"-54"	SC
H1V8	60"-66"	SC
H1V10	42"-48"	SC

H2V3	48"-54"	SC
H2V9	72"-78"	SC

H3V1	60"-66"	SC
H3V7	42"-48"	SC

H4V5	30"-36"	SC
H4V11	72"-78"	SC

Sub-Arc Representative Signature: <i>[Signature]</i>	Date: <i>Aug 26/17</i>
Client Representative Signature: <i>[Signature]</i>	Date: <i>aug 26 2017</i>
NDT Representative Signature: <i>[Signature]</i>	Date: <i>aug 26 2017</i>

	Pressure/Vacuum Relief Valve (PVRV) Test Report	Emerson Process Management Regulator Technologies Tulsa, LLC 9932 East 56th Street Tulsa, OK 74146-6411 918-622-6161
---	--	---

Customer Name	SPARTAN CONTROLS LTD	Customer P.O.		Project Name	
Sales Order No.		Factory Order No.	O0067397	Project No.	
Item / Line		Tag No.		Serial No.	A 30933

Work Order Number	Model Number	Part Number
74739373	950-12-111	E8552537

Test Stand ID# 2

Pressure / Vacuum Settings

Pressure Setting			z1.0	
Part No.	Qty.	Description	Equivalent Setting	
			Unit	Total
E8559902	1	Pallet Assy	0.5	0.5
E8550917	1	Weight	0.5	0.5

Vacuum Setting			z0.5	
Part No.	Qty.	Description	Equivalent Setting	
			Unit	Total
E8559901	1	Pallet Assy	0.5	0.5

Weights have been removed for shipping purposes. Weights must be installed prior to placing the PVRV into service; if PVRV is Spring loaded, settings will be adjusted at the factory and no installation is required. See operating manual for additional information.

Emerson certifies that the referenced product has been successfully pressure tested in accordance with our quality system procedures and exhibits a leakage rate not exceeding 1.0 SCFH at 90% of pressure and/or vacuum setting.

Test Date 9/7/2017

Tested By SW

Providing Responsive Solutions with Safety and Environmental Vapor Control Products



Declaration of Conformity

ATEX Directive 14/34/EU

Manufacturer: Emerson Process Management Regulator Technologies Tulsa, LLC

Address: 9932 East 58th Street, Tulsa, OK 74143-6411

Product: Emergency Pressure Vacuum Relief Vent & Pressure Vacuum Relief Vent

Model/Type: 450 & 850 (pipe-away) Combination pressure/vacuum relief valve
550 & 950 (vent-to-atmosphere) Combination pressure/vacuum relief valve
850 & 950 with Wireless Option

Conformity: This document certifies that the above equipment complies with the requirements of ATEX Directive 14/34/EU.

Standards

Compliance: EN 60079-0:2012, EN 60079-11:2012, EN 13463-1:2009 AND EN13463-5:2011

Based on EC-Type Examination Certificate:

DNV-08-ATEX-19407

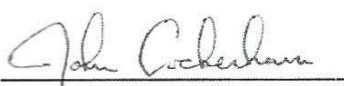
Quality System Audited by and EC-Type Examination Certificate Issued by Notified Body **0575:**

DET NORSKE VERITAS AS

Veritasveien 1, 1322 HOVIK

Norway, www.dnvcert.com

The product described in this Declaration of Conformity complies with the Applicable European Directives and relevant sections of the Applicable International Standards. The Signature on this document authorizes the distinctive European mark to be applied to the equipment described. A Technical Construction File is available for inspection by designated bodies.

 0575	 II 1 G c T6				
	 II 1 G c T5, Ex ia IIC T5 Ga				
	 II 2 G c T6				
	 II 2 G c T5, Ex ia IIC T5 Gb				
		Authorized Signature			
DOC NO.	6300047	REV.	G	DATE:	04/20/2016

ENARDO

Item 14 - Nozzles - PVRV Test Report

	Pressure/Vacuum Relief Valve (PVRV) Test Report		Emerson Process Management Regulator Technologies Tulsa, LLC 9932 East 56th Street Tulsa, OK 74146-6411 918-622-6161	

Customer Name	SPARTAN CONTROLS LTD	Customer P.O.		Project Name	
Sales Order No.		Factory Order No.	O0067397	Project No.	
Item / Line		Tag No.		Serial No.	A 30934

Work Order Number	Model Number	Part Number
74739370	950-12-111	E8552537

Test Stand ID# 2

Pressure / Vacuum Settings

Pressure Setting			z1.35	
Part No.	Qty.	Description	Equivalent Setting	
			Unit	Total
E8559953	1	Pallet Assy	0.5	0.5
E8550917	1	Weight	0.5	0.5
E8550987	1	Weight	0.35	0.35

Vacuum Setting			z0.5	
Part No.	Qty.	Description	Equivalent Setting	
			Unit	Total
E8559901	1	Pallet Assy	0.5	0.5

Weights have been removed for shipping purposes. Weights must be installed prior to placing the PVRV into service; if PVRV is Spring loaded, settings will be adjusted at the factory and no installation is required. See operating manual for additional information.

Emerson certifies that the referenced product has been successfully pressure tested in accordance with our quality system procedures and exhibits a leakage rate not exceeding 1.0 SCFH at 90% of pressure and/or vacuum setting.

Test Date

9/7/2017

Tested By

SW

Providing Responsive Solutions with Safety and Environmental Vapor Control Products

Declaration of Conformity

ATEX Directive 14/34/EU



Manufacturer: Emerson Process Management Regulator Technologies Tulsa, LLC

Address: 9932 East 58th Street, Tulsa, OK 74143-6411

Product: Emergency Pressure Vacuum Relief Vent & Pressure Vacuum Relief Vent

Model/Type: 450 & 850 (pipe-away) Combination pressure/vacuum relief valve
550 & 950 (vent-to-atmosphere) Combination pressure/vacuum relief valve
850 & 950 with Wireless Option

Conformity: This document certifies that the above equipment complies with the requirements of ATEX Directive 14/34/EU.

Standards

Compliance: EN 60079-0:2012, EN 60079-11:2012, EN 13463-1:2009 AND EN13463-5:2011

Based on EC-Type Examination Certificate:

DNV-08-ATEX-19407

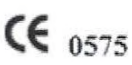
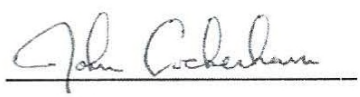
Quality System Audited by and EC-Type Examination Certificate Issued by Notified Body **0575**:

DET NORSKE VERITAS AS

Veritasveien 1, 1322 HOVIK

Norway, www.dnvcert.com

The product described in this Declaration of Conformity complies with the Applicable European Directives and relevant sections of the Applicable International Standards. The Signature on this document authorizes the distinctive European mark to be applied to the equipment described. A Technical Construction File is available for inspection by designated bodies.

 0575 <table border="0"> <tr> <td></td> <td>II 1 G c T6</td> </tr> <tr> <td></td> <td>II 1 G c T5, Ex ia IIC T5 Ga</td> </tr> <tr> <td></td> <td>II 2 G c T6</td> </tr> <tr> <td></td> <td>II 2 G c T5, Ex ia IIC T5 Gb</td> </tr> </table>			II 1 G c T6		II 1 G c T5, Ex ia IIC T5 Ga		II 2 G c T6		II 2 G c T5, Ex ia IIC T5 Gb				
			II 1 G c T6										
	II 1 G c T5, Ex ia IIC T5 Ga												
	II 2 G c T6												
	II 2 G c T5, Ex ia IIC T5 Gb												
Authorized Signature													
DOC NO.	6300047	REV.	G	DATE:	04/20/2016								

ENARDO

Item 15 – Manways

Contents

1. Weld Map
2. Visual Report
3. Dimension Report – Plumbness
4. Air Test Report
5. Bolting Pattern and Torque Wrench Photos
6. Torque Wrench Specs
7. MPI Report

PARTS LIST

SHEET 7 OF 7

Sub-Arc Systems Inc.

4605-47 Street
Vermillion, AB, T9X 1L6
780-608-9589

QUALITY CONTROL MANUAL

VISUAL TEST REPORT

Exhibit 15c, Rev 1

Customer: Agnico Eagle

Location: Rankin Inlet

Code Requiring Test: API 650 (section 8.5.2)

Reason for Test: New Construction

A weld shall be acceptable by visual examination if the inspection shows the following.

- There are no crater cracks, other surface cracks or arc strikes in or adjacent to the welded joints.
- Maximum permissible undercut is 0.4 mm (1/64 in.) in depth for vertical butt joints, vertically oriented permanent attachments, attachment welds for nozzles, manholes, flush-type openings, and the inside shell-to-bottom welds. For horizontal butt joints, horizontally oriented permanent attachments, and annular-ring butt joints, the maximum permissible undercut is 0.8 mm (1/32 in.) in depth.
- The frequency of surface porosity in the weld does not exceed one cluster (one or more pores) in any 100 mm (4 in.) of length, and the diameter of each cluster does not exceed 2.5 mm (3/32 in.).
- The reinforcement of the welds on all thicknesses:

Plate Thickness mm (in.)	Maximum Reinforcement Thickness mm (in.)	
	Vertical Joints	Horizontal Joints
≤ 13 (1/2)	2.5 (3/32)	3 (1/8)
> 13 (1/2) to 25 (1)	3 (1/8)	5 (3/16)
> 25 (1)	5 (3/16)	8 (1/2)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s):

Tested by:

Ambient Conditions:

Items Tested:

SHELL MANWAYS.

Results:

ALL WELDING ON SHELL MANWAYS ACCEPTABLE.Sub-Arc Representative Signature: Mathew MacKinnonDate: Aug 31/17

Client Representative Signature: _____

Date: _____

Client Signature: Adam PoirierDate: Sept 04/17

Sub-Arc Systems Inc.

4605-47 Street
Vermillion, AB, T9X 1L6
780-608-9589

QUALITY CONTROL MANUAL

Exhibit 19, Rev A

DIMENSIONAL CHECK REPORT - PLUMBNESS

Customer: AGNICO EAGLE

Location: RANKIN INLET TK-02

Equipment Tag No.:

Equipment Type:

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(The tank shell will be checked for plumb at 12" below the tank roof. Plumb measurements will be checked at 45 degree intervals or less, max. 20' spacing)

Test Date(s): AUG 31/17

Tested by: MATT MACKENZIE

Seam Test Results:

ALL SHELL IS PLUMB IN AREAS THAT HAVE MANWAYS.

Sub-Arc Representative Signature: [Signature] Date: AUG 31/17

Client Representative Signature: _____ Date: _____

Client Signature: [Signature] Date: Sept 04/17

Sub-Arc Systems Inc.

4605-47 Street
Vermillion, AB, T9X 1L6
780-608-9589

QUALITY CONTROL MANUAL

Exhibit 12, Rev 1

AIR TEST REPORT – NOZZLE REINFORCEMENT PLATE WELDS

Customer: AGNICO EAGLELocation: RANKIN INLET TK-2

Equipment Tag No.:

Equipment Type:

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(An air pressure/soap solution test for nozzle reinforcement plate weld seams is required for new construction or major alterations, no visible leaks should be observed)

Test Pressure: 100 kPa (15 psi) Surface Condition (As Welded, Painted, Blasted)

Test Solution: Water / Snoop Test Date(s): AUG 31/17.Tested by: Pressure Gauge: 15 Ambient Conditions: 10°

Items Tested:

MANWAYS.

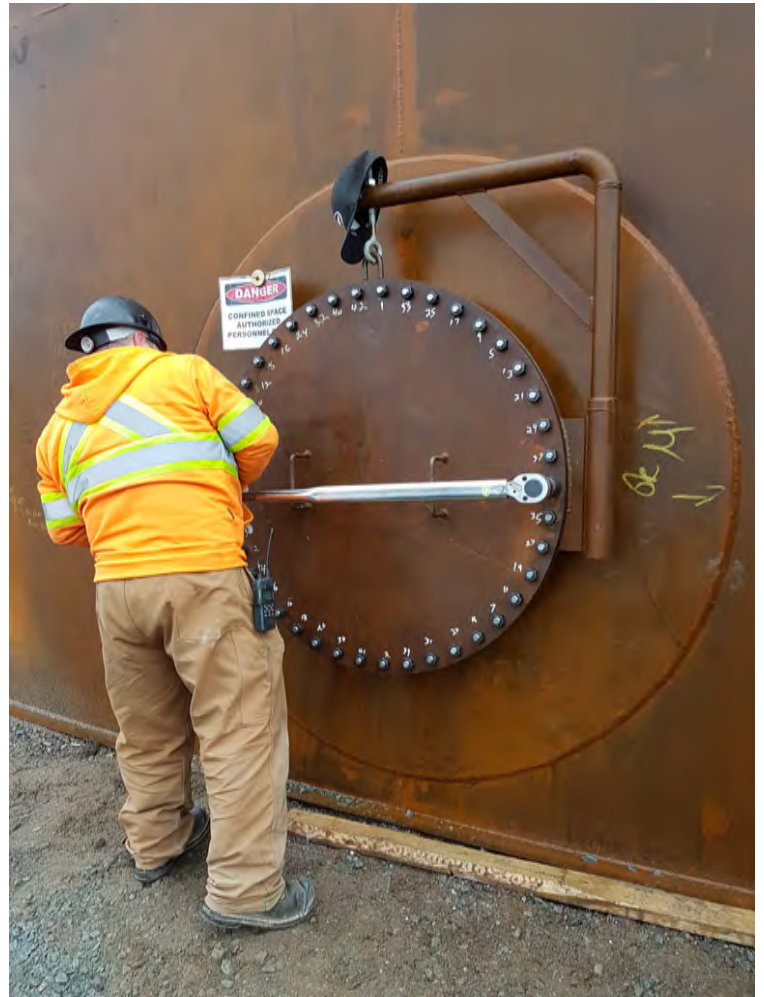
Results:

ALL MANWAYS WERE AIR TESTED. NO LEAKS WERE
FOUND AT TIME OF INSPECTION.Sub-Arc Representative Signature: [Signature] Date: AUG 31/17.

Client Representative Signature: _____ Date: _____

Client Signature: [Signature] Date: Sept 04/17

Item 15 - Manways Bolting Pattern and Torque Wrench Photos



Item 15 - Manways - Torque Wrench Specs

Certification of calibration					
Model : 8229239			Serial No : E20140301		
Calibrator :			Date : 2014-10-21		
Set Torque	Min	Max	Actual Readings		
100FT	96.0	104.0	101.2	101.6	101.9
400FT	384.0	416.0	400	407.1	407.9
700FT	672.0	728.0	712.1	712.3	712.5



Client :	Inukshuk Construction Ltd,	Date d'intervention : Intervention date :	2017-08-30
Adresse/Address :	PO Box 654 Rankin Inlet, Nunavut X0C 0G0	Date du rapport : Report date :	2017-09-08
Contact :	Marc Losier	N° dossier : File no :	INS-117107-01_R01
Entrepreneur : Contractor :	N/A	Commande : Order :	295-1046
Endroit du travail : Job location :	Rankin Inlet , Nunavut		

Page 1 de/ of 3

INSP. VISUELLE VISUAL INSP.	☐	MAGNÉTOSCOPIE MAGNETIC PARTICLES	☒	RESSUAGE LIQUID PENETRANT	☐	ULTRASONS ULTRASONIC	☒
DESCRIPTION :							
<u>Magnetic particles inspection and Ultrasonic inspection on tank 2</u>							
The client is opting to use an ultrasonic testing, instead of radiographic testing							
Remark : Visual testing was performed by client I							
INSP. VISUELLE / VISUAL INSP.		NORME : SPECIFICATION :		N° équip. : Equip. no :		N/A	
MAGNÉTOSCOPIE MAGNETIC PARTICLES		NORME : SPECIFICATION : API 650		N° équip. : Equip. no :		MP-Q-27	
Ampérage : Amperage :	Culasse/Yoke	Continue Continuous	☒	Résiduelle Residual	☐	Humide Wet	☐
Longitudinale Longitudinal	☐	Circulaire Circular	☐	C.A. A.C.	☒	Sèche Dry	☒
RESSUAGE LIQUID PENETRANT		NORME : SPECIFICATION :		N° équip. : Equip. no :			
Pénétrant/Penetrant :		Émulsifiant/Emulsifier :		Révélateur/Developer :			
Temps/Time :		Temps/Time :		Temps/Time :			
ULTRASONS / ULTRASONIC		NORME : SPECIFICATION : API 650		N° équip. : Equip. no :			
ÉTALONNAGE/CALIBRATION :		Trou/Hole : N/A		C.A.D. /D.A.C. :		☒	
Bloc/Block : IIW Type 2							
APPAREIL/EQUIPMENT :		Couplant : Echogel		Échelle/Sweep length :			
Instrument : USM GO+		Palpeur/Transducer : 0° degré and 70° degré					
N° équip./Equip. no : UT-Q-34							
RÉSULTATS/RESULTS :							
For ultrasonic results: All spots are acceptable. See attached tables for locations.							
Magnetic particles inspection was performed on angle joint between the shell and nozzle, inside and outside the tank:							
-Inside tank, weld between shell/nozzle, with a 100%: magnetic particles inspection, is acceptable -Outside tank, weld between shell/pad & weld between pad/nozzle, with 100% (note 1): magnetic particles inspection, is acceptable.							
Note 1: Fourteen (14) nozzles including four (4) manholes and one nozzle outside, does not have pad . Please refer to drawing 295-M10; part section K-K item #10. This nozzle corresponds to a ¾" coupling for a water temperature gauge in the shell and the client has advised that no repad is needed for this specific coupling.							
Techniciens : Technicians :		Sylvain Germain CSA W178.2 level 2		Assistants:		Approuvé par : Approved by : Pierre Dostie Technical Supervisor CSA W178.2, niveau 3	

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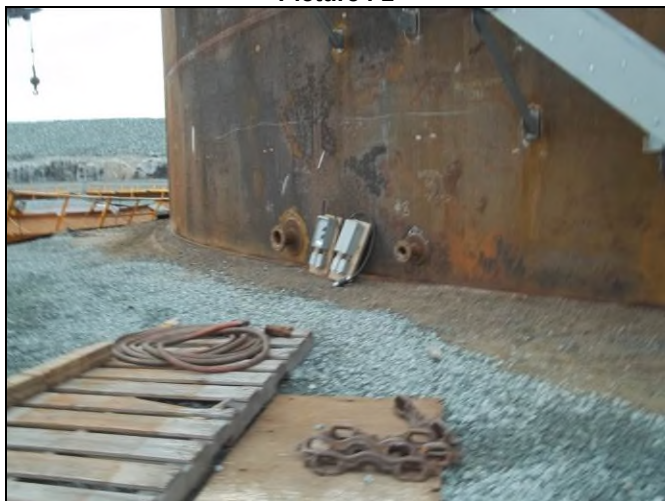
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Client :	Inukshuk Construction Ltd,	Date d'intervention :	2017-08-30
Adresse/Address :	PO Box 654 Rankin Inlet, Nunavut X0C 0G0	Intervention date :	
Contact :	Marc Losier	Date du rapport :	2017-09-08
Entrepreneur :	N/A	Report date :	
Contractor :		N° dossier :	INS-117107-01_R01
Endroit du travail :	Rankin Inlet , Nunavut	File no :	
Job location :		Commande :	295-1046
		Order :	

Picture : 1



View of some nozzles

Picture : 2



View of tank 2

Techniciens :	Sylvain Germain	Assistants:		Approuvé par :	Pierre Dostie
Technicians :				Approved by :	Technical Supervisor
	CSA W178.2 level 2				CSA W178.2, niveau 3

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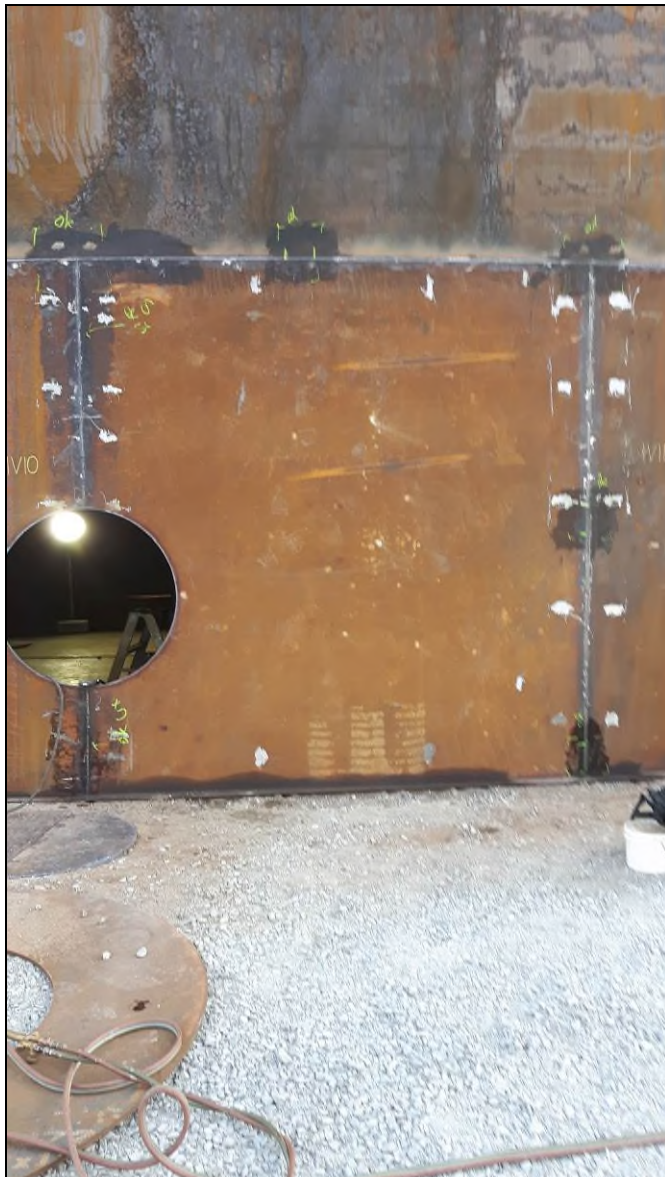
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Client : Inukshuk Construction Ltd, Adresse/Address : PO Box 654 Rankin Inlet, Nunavut X0C 0G0	Date d'intervention : 2017-08-30 Intervention date :
	Date du rapport : 2017-09-08 Report date :
Contact : Marc Losier	N° dossier : INS-117107-01_R01 File no :
Entrepreneur : N/A Contractor :	Commande : 295-1046 Order :
Endroit du travail : Rankin Inlet , Nunavut Job location :	

Picture :3



View of manhole before padding

Techniciens : Sylvain Germain Technicians : CSA W178.2 level 2	Assistants:	Approuvé par : Pierre Dostie Approved by : Technical Supervisor CSA W178.2, niveau 3
---	--------------------	--

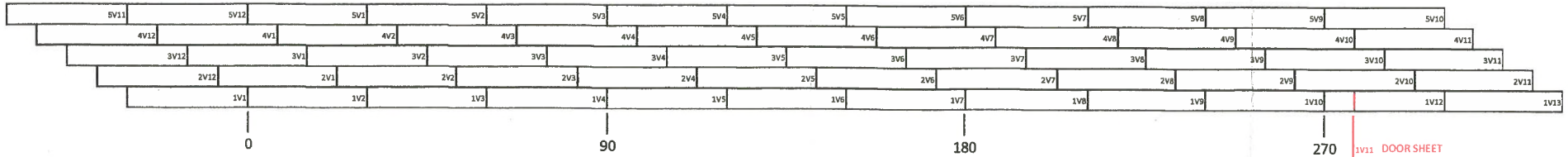
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Tank #2 Rankin Inlet (AEM)



NDT TECHNICIAN WILL INITIAL EACH BOX WHEN WELD IS ACCEPTABLE

B ----> BOTTOM OF THE VERT (0-6")

M ----> MIDDLE OF THE VERT (53"-59")

T ----> TOP OF THE VERT (104 3/16" - 110 3/16")

VERTICAL SEAMS MAPPING UT

	B	M	T	FULL
1V1	UT FULL BECAUSE NOZZLE INTO VERT			SC
1V2	SC	SC	SC	
1V3	SC	SC	SC	
1V4	UT FULL BECAUSE NOZZLE INTO VERT			SC
1V5	SC	SC	SC	
1V6	SC	SC	SC	
1V7	UT FULL BECAUSE NOZZLE INTO VERT			SC
1V8	SC	SC	SC	
1V9	SC	SC	SC	
1V10	UT FULL BECAUSE NOZZLE INTO VERT			SC
1V11 (DOOR SHEET)	SC	SC	SC	
1V12	SC	SC	SC	
1V13	SC	SC	SC	

	B	M	T
2V1	SC	SC	SC
2V2	SC	SC	SC
2V3	SC	SC	SC
2V4	SC	SC	SC
2V5	SC	SC	SC
2V6	SC	SC	SC
2V7	SC	SC	SC
2V8	SC	SC	SC
2V9	SC	SC	SC
2V10	SC	SC	SC
2V11	SC	SC	SC
2V12	SC	SC	SC

	B	T
3V1	SC	SC
3V2	SC	SC
3V3	SC	SC
3V4	SC	SC
3V5	SC	SC
3V6	SC	SC
3V7	SC	SC
3V8	SC	SC
3V9	SC	SC
3V10	SC	SC
3V11	SC	SC
3V12	SC	SC

	B	T
4V1	SC	SC
4V2	SC	SC
4V3	SC	SC
4V4	SC	SC
4V5	SC	SC
4V6	SC	SC
4V7	SC	SC
4V8	SC	SC
4V9	SC	SC
4V10	SC	SC
4V11	SC	SC
4V12	SC	SC

	B	T
5V1	SC	
5V2	SC	
5V3	SC	
5V4	SC	
5V5	SC	
5V6	SC	
5V7	SC	
5V8	SC	
5V9	SC	
5V10	SC	
5V11	SC	
5V12	SC	

HORIZONTAL SEAMS MAPPING UT

H1V2	48"-54"	SC
H1V8	60"-66"	SC
H1V10	42"-48"	SC

H2V3	48"-54"	SC
H2V9	72"-78"	SC

H3V1	60"-66"	SC
H3V7	42"-48"	SC

H4V5	30"-36"	SC
H4V11	72"-78"	SC

Sub-Arc Representative Signature: <i>[Signature]</i>	Date: <i>Aug 26/17</i>
Client Representative Signature: _____	Date: _____
NDT Representative Signature: <i>[Signature]</i>	Date: <i>august 26 2017</i>

Item 16 – Internals

Contents

1. Visual Report (SAS)
2. Visual Report of Water Draw off Extension (ICL)
3. Internal Dimensional Report (AmSpec)

QUALITY CONTROL MANUAL

Exhibit 15c, Rev 1

VISUAL TEST REPORT

Customer: Agnico Eagle

Location: Rankin Inlet TK-02

Code Requiring Test: API 650 (section 8.5.2)

Reason for Test: New Construction

A weld shall be acceptable by visual examination if the inspection shows the following:

- There are no crater cracks, other surface cracks or arc strikes in or adjacent to the welded joints.
- Maximum permissible undercut is 0.4 mm (1/64 in.) in depth for vertical butt joints, vertically oriented permanent attachments, attachment welds for nozzles, manholes, flush-type openings, and the inside shell-to-bottom welds. For horizontal butt joints, horizontally oriented permanent attachments, and annular-ring butt joints, the maximum permissible undercut is 0.8 mm (1/32 in.) in depth.
- The frequency of surface porosity in the weld does not exceed one cluster (one or more pores) in any 100 mm (4 in.) of length, and the diameter of each cluster does not exceed 2.5 mm (3/32 in.).
- The reinforcement of the welds on all thicknesses:

Pipe Thickness mm (in.)	Minimum Reinforcement / Maximum Defect Size	
	Vertical Joints	Horizontal Joints
≤ 12 (1/2)	25 (1in)	25 (1in)
> 12 (1/2) to ≤ 19 (3/4)	25 (1in)	25 (1in)
> 19 (3/4)	25 (1in)	25 (1in)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s): SEPT 3/17Tested by: MAT MACKENZIEAmbient Conditions: 5

Items Tested:

INTERNAL COLUMN REPAIRS + PIPE SUPPORTS.

Results:

VISUAL INSPECTION COMPLETED ON COLUMN REPAIRS
+ INTERNAL PIPE SUPPORTS. ALL WELDS ACCEPTABLE AT TIME OF INSPECTION.

Sub-Arc Representative Signature: [Signature] Date: Sept 3/17.

Client Representative Signature: _____ Date: _____

Client Signature: _____ Date: _____

Item 16 - Internals - Visual Report

All internal piping and structure was visually inspected and found to be acceptable.

6" pipe extensions were added to the water draw off valves as per ECN-001.

ICL Supervisor (Water Draw Off Extension)

Sign: Sheldon Berry

Print Name: Sheldon Berry

Tk # 2



Photo of Water Draw Off Valve with 6" Extension

It is very important to note if tubular roof supports (pipes) are open (fills with product) or closed.

TANK No.: 2

**Enter SUMP details in
this first row ONLY**

op = Open Pipe
cp = Closed Pipe

~~ch = Channel~~

Height
FromOffice
Use[illegible]

Item 17 - Externals

Contents

1. Visual Report (SAS)
2. External Nozzle Dimensional Report (AmSpec)

QUALITY CONTROL MANUAL

Exhibit 18c, Rev 1

VISUAL TEST REPORT

Customer: Agnico Eagle

Location: Rankin Inlet TK-02

Code Requiring Test: API 650 (section 8.5.2)

Reason for Test: New Construction

A weld shall be acceptable by visual examination if the inspection shows the following:

- There are no crater cracks, other surface cracks or arc strikes in or adjacent to the welded joints.
- Maximum permissible undercut is 0.4 mm (1/64 in.) in depth for vertical butt joints, vertically oriented permanent attachments, attachment welds for nozzles, manholes, flush-type openings, and the inside shell-to-bottom welds. For horizontal butt joints, horizontally oriented permanent attachments, and annular-ring butt joints, the maximum permissible undercut is 0.8 mm (1/32 in.) in depth.
- The frequency of surface porosity in the weld does not exceed one cluster (one or more pores) in any 100 mm (4 in.) of length, and the diameter of each cluster does not exceed 2.5 mm (3/32 in.).
- The reinforcement of the welds on all thicknesses:

Plate Thickness mm (in.)	Minimum Reinforcement (mm (in.))	
	Vertical Joints	Horizontal Joints
< 12.5	25 (1)	25 (1)
> 12.5 to 20 (5)	25 (1)	25 (1)
> 20 (5)	25 (1)	25 (1)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s): SEPT 9/17

Tested by: CHRIS JAMES

Ambient Conditions: 7°

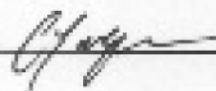
Items Tested:

EXTERNAL BRACKETS/CABLE TRAY.

Results:

VISUAL INSPECTION COMPLETED ON CABLE TRAY SUPPORTS
+ BRACKETS FOR 16" DIA. ALL WELDS ACCEPTABLE AT
TIME OF INSPECTION.

Sub-Arc Representative Signature:



Date:

Sept 9, 17

Client Representative Signature:

Date:

Client Signature:

Date:

Revision 1

March 1, 2017

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QUALITY CONTROL MANUAL

Exhibit 15e, Rev 1

VISUAL TEST REPORT

Customer: Agrico Eagle

Location: Rankin Inlet TK-02

Code Requiring Test: API 650 (section 8.5.2)

Reason for Test: New Construction

A weld shall be acceptable by visual examination if the inspection shows the following.

- There are no crater cracks, other surface cracks or arc strikes in or adjacent to the welded joints.
- Maximum permissible undercut is 0.4 mm (1/64 in.) in depth for vertical butt joints, vertically oriented permanent attachments, attachment welds for nozzles, manholes, flush-type openings, and the inside shell-to-bottom welds. For horizontal butt joints, horizontally oriented permanent attachments, and annular-ring butt joints, the maximum permissible undercut is 0.8 mm (1/32 in.) in depth.
- The frequency of surface porosity in the weld does not exceed one cluster (one or more pores) in any 100 mm (4 in.) of length, and the diameter of each cluster does not exceed 2.5 mm (3/32 in.).
- The reinforcement of the welds on all thicknesses:

Plate Thickness mm (in.)	Maximum Reinforcement Thickness mm (in.)	
	Vertical Joints	Horizontal Joints
≤ 12 (1/2)	2.0 (3/16)	2.0 (3/16)
> 12 (1/2) to 25 (1)	3.0 (1/8)	3.0 (1/8)
> 25 (1)	3.0 (1/8)	3.0 (1/8)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s): Sept 3/17

Tasted by: Matt Mackenzie

Ambient Conditions: 5

Items Tested:

PAINTERS POST.

Results:

VISUAL INSPECTION COMPLETED ON ROOF PAINTER POST.
ALL WELDS ACCEPTABLE AT TIME OF INSPECTION.

Sub-Arc Representative Signature:

[Signature]

Date:

Sept 3/17.

Client Representative Signature: _____

Date: _____

Client Signature: _____

Date: _____

Revision 1

March 1, 2017

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Item 17 - External Nozzle Dimension Report (AmSpec 3rd Party)

Submit sketch for unusual deadwood
External

[illegible]

Gls/8th

Item 18 – Stairs and Platforms

Contents

1. Visual Reports
2. Visual Report of Changes Made (ICL)

QUALITY CONTROL MANUAL

Exhibit 15c, Rev 1

VISUAL TEST REPORT

Customer: Agnico Eagle

Location: Rankin Inlet TK-02

Code Requiring Test: API 650 (section 8.5.2)

Reason for Test: New Construction

A weld shall be acceptable by visual examination if the inspection shows the following.

- There are no crater cracks, other surface cracks or arc strikes in or adjacent to the welded joints.
- Maximum permissible undercut is 0.4 mm (1/64 in.) in depth for vertical butt joints, vertically oriented permanent attachments, attachment welds for nozzles, manholes, flush-type openings, and the inside shell-to-bottom welds. For horizontal butt joints, horizontally oriented permanent attachments, and annular-ring butt joints, the maximum permissible undercut is 0.6 mm (1/32 in.) in depth.
- The frequency of surface porosity in the weld does not exceed one cluster (one or more pores) in any 100 mm (4 in.) of length, and the diameter of each cluster does not exceed 2.5 mm (3/32 in.).
- The reinforcement of the welds on all thicknesses:

Pipes 194 (6 in.) and Over	Maximum Reinforcement / Undercut mm (in.)	
	Vertical Joints	Horizontal Joints
≤ 12.5 mm	2.5 (1/8)	3 (1/8)
> 12.5 (1/2 to 20 (1))	3 (1/8)	3 (1/8)
> 20 (1)	3 (1/8)	3 (1/8)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s): SEPT 3/17

Tested by: Matt Mackenzie

Ambient Conditions: 5

Items Tested:

STAIRCASE SUPPORT BRACKETS / REPAIRS

Results:

VISUAL INSPECTION COMPLETED ON STAIRCASE BRACKETS / REPAIRS.
ALL WELDS ACCEPTABLE AT TIME OF INSPECTION.

Sub-Arc Representative Signature: [Signature] Date: Sept 3/17

Client Representative Signature: _____ Date: _____

Client Signature: _____ Date: _____

Item 18 - Stairways and Platforms - Visual Report

Sub-Arc Systems Inc.

4605-47 Street
Vermillion, AB, T9X 1L6
780-608-9589

QUALITY CONTROL MANUAL

Exhibit 15c, Rev 1

VISUAL TEST REPORT

Customer: Agnico Eagle

Location: Rankin Inlet

Code Requiring Test: API 650 (section 8.5.2)

Reason for Test: New Construction

A weld shall be acceptable by visual examination if the inspection shows the following.

- There are no crater cracks, other surface cracks or arc strikes in or adjacent to the welded joints.
- Maximum permissible undercut is 0.4 mm (1/64 in.) in depth for vertical butt joints, vertically oriented permanent attachments, attachment welds for nozzles, manholes, flush-type openings, and the inside shell-to-bottom welds. For horizontal butt joints, horizontally oriented permanent attachments, and annular-ring butt joints, the maximum permissible undercut is 0.8 mm (1/32 in.) in depth.
- The frequency of surface porosity in the weld does not exceed one cluster (one or more pores) in any 100 mm (4 in.) of length, and the diameter of each cluster does not exceed 2.5 mm (3/32 in.).
- The reinforcement of the welds on all thicknesses:

Plate Thickness mm (in.)	Maximum Reinforcement Thickness mm (in.)	
	Vertical Joints	Horizontal Joints
≤ 13 (1/2)	2.5 (3/32)	3 (1/8)
> 13 (1/2) to 25 (1)	3 (1/8)	5 (3/16)
> 25 (1)	5 (3/16)	6 (1/4)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s): AUG 31/17

Tested by: MATT MACKENZIE

Ambient Conditions: 10°

Items Tested:

STAIRS + PLATFORMS.

Results:

ALL WELDING ACCEPTABLE ON STAIRS + PLATFORMS.

Sub-Arc Representative Signature: [Signature] Date: AUG 31/17.

Client Representative Signature: _____ Date: _____

Client Signature: [Signature] Date: Sept 04/17

Item 18 - Stairs and Platforms Modifications - Visual Report

Visual Inspection of Stairway and Platforms was performed:

- Bottom step found to be too close to ground, potential issue with freeze/thaw expansion of the foundation
- Solution: Remove bottom step, this was completed by ICL (see below photo)
- Handrails were not connected making for potential pinch points at each platform
- Solution: Welded together handrails at each point where stairway handrail met platform handrails. This was completed by ICL and approved by Stephane Dubois (AEM).

ICL Supervisor

Sign: Sheldon Berry

Print Name: Sheldon Berry

TK # 2



Photo of stairway after bottom step removed

Item 19 – Bolts and Nuts

Contents

1. Fastener List
2. Torque Wrench Specs

Item 19 - Bolts and Nuts - Fastener List

Tank #	qty	Qty of Component	Connection	Description	Lght (in)
2	128.00	64	Shell to Rafter Connection	Bolt, Structural A325, 3/4"	2
2	64.00	32	Rafter to Center Column	Bolt, Structural A325, 3/4"	3.5
2	14.00	96	Rafter to intermediate beam	Bolt, Structural A325, 3/4"	2.25
2	112.00	7	Beam to top plate and intermediate column	Bolt, Structural A325, 3/4"	2.5
2	318.00			Nut, Structural heavy hex 3/4"	
2	636.00			Washer, type A, 3/4"	
2	168.00	4	36" Shell Manhole	Stud, L7, 3/4"	3 3/4
2	16.00	2	8" in/out Nozzle	Stud, L7, 3/4"	4 1/4
2	48.00	6	6" in/out Nozzle	Stud, L7, 3/4"	4
2	-	6	3" Water Drawoff	Stud, L7, 5/8"	3 1/2
2	60.00	3	24" Roof manhole	Stud, L7, 5/8"	2 1/4
2	20.00	1	24" Roof manhole emergency vent	Stud, L7, 5/8"	9.5
2	16.00	1	16" Vent	Stud, L7, 1"	5 1/4
2	8.00	1	8" Roof Nozzle	Stud, L7, 3/4"	4 1/4
2	8.00	1	6" Gauge Hatch	Stud, L7, 3/4"	4
2	8.00	1	4" Roof Nozzle	Stud, L7, 5/8"	3.5
2	32.00			Nut, A194, Gr. 4, 1"	
2	496.00			Nut, A194, Gr. 4, 3/4"	
2	176.00			Nut, A194, Gr. 4, 5/8"	
2	4.00	4	36" Shell Manhole	Gasket, Ring, Durlon 8500, 1/8", 1051 o.d. x 914 i.d.	
2	2.00	2	8" in/out Nozzle	Gasket, Ring, Durlon 8500, 1/8" x 8" x 150#	
2	6.00	6	6" in/out Nozzle	Gasket, Ring, Durlon 8500, 1/8" x 6" x 150#	
2	-	6	3" Water Drawoff	Gasket, Ring, Durlon 8500, 1/8" x 3" x 150#	
2	4.00	4	24" Roof manhole	Gasket, Ring, Durlon 8500, 1/16" x 762 x 610	
2	1.00	1	8" High Level	Gasket, Ring, Durlon 8500, 1/16" x 150#, 8"	
2	1.00	1	6" Gauge Hatch	Gasket, Full Face, Durlon 8500, 1/16" x 150#, 6"	

Item 19 - Bolts and Nuts - Torque Wrench Specs

Certification of Calibration For Torque Wrench Used to Seal Shell Manholes

Certification of calibration					
Model : 8229239			Serial No : E20140301		
Calibrator :			Date : 2014 - 10 - 21		
Set Torque	Min	Max	Actual Readings		
100FT	96.0	104.0	101.2	101.6	101.9
400FT	384.0	416.0	400	407.1	407.9
700FT	672.0	728.0	712.1	712.3	712.5

Item 20 - Final

Contents

1. Name Plate Scan
2. Punch List
3. Manufacturer's Certification (3rd Party)
4. Data Sheet (Innage)

Item 20 - Final - Name Plate Scan

API STANDARD 650			
APPENDIX	B, K, T	YEAR COMPLETED	2017
EDITION	TWELFTH	ADDENDUM NO.	2
NOMINAL DIAMETER	35.1M	NOMINAL HEIGHT	14M
MAXIMUM CAPACITY	13,500CUM	DESIGN LIQUID LEVEL	14M
DESIGN SPECIFIC GRAVITY	0.85	DESIGN METAL TEMP.	-40 DEG C
DESIGN PRESSURE	ATM	MAXIMUM OPERATING TEMP.	90 DEG C
MANUFACTURE'S SERIAL NO.	295-2	PARTIAL STRESS RELIEF	-
		PURCHASER'S TANK NO.	65TNK11602
FABRICATED BY	INUKSHUK CONSTRUCTION LIMITED		
ERECTED BY	SUB-ARC SYSTEMS INC.		
SHELL COURSE 1 TO 5	MATERIAL CSA G40.21M-260WT NORMALIZED TCVN 13FT/LBS@-45DEG F TRANSVERSE CHARPY TCVN 15FT/LBS@-45DEG F LONGITUDINAL CHARPY		

[illegible]

**MANUFACTURER'S CERTIFICATION FOR
A TANK BUILT TO API STANDARD 650**

To AGNICO EAGLE MINES LIMITED
(name and address of Purchaser)
145 KING STREET EAST, SUITE 400, TORONTO, ONTARIO M5C 2Y7

We hereby certify that the tank constructed for you at _____
(location)
RANKIN INLET, NUNAVUT - MELIADINE FIELD ERECTED TANKS PROJECT

and described as follows: TANK NO. 2, 35.1 M DIA X 14M HIGH, 13,500 M3, FIXED CONE ROOF
(serial or contract number, diameter, height, capacity, floating or fixed roof)
AEM PO: OC-568510

meets all applicable requirements of API Standard 650, 12th Edition, Addendum 2 Revision, Appendix
_____ dated JAN 2016 including the requirements for design, materials, fabrication, and erection.



Permit Number: P471

INUKSHUK CONSTRUCTION LIMITED
Manufacturer
Kyle Brown
Design Engineer
29-Oct-17
Date



Item 20 - Final - Data Sheet (Innage)

INNAGE TABLE

GAUGE HEIGHT: 14.269 M

NOTE: TANK STRAPPED AND COMPUTED IN ACCORDANCE WITH API STANDARD MPMS CHAPTER 2.2C.
NOTE: CAPACITY TABLE REFLECTS AN OPERATING TEMPERATURE OF 60 DEGREES F.
NOTE: LIQUID HEAD STRESS HAS BEEN APPLIED TO CAPACITY TABLE AT SPECIFIC GRAVITY 0.8500.
NOTE: A 19 CM CONE BOTTOM HAS BEEN APPLIED BELOW 18 CM
NOTE: NOMINAL TANK DIAMETER = 35.08 M SHELL HEIGHT = 13.97 M

Page 1 of 14

DATE STRAPPED: 09/19/17 BY: RJ
DATE COMPUTED: 09/26/17 BY: WLH
DATE ISSUED: 09/26/17

AMSPEC

John Hall

John Hall



Rankin Inlet

Tank No. 2

INNAGE TABLE

GAUGE HEIGHT: 14.269 M

NOTE: 42.0 GALLONS EQUAL 1.0 BARRELS
NOTE: 1 KILOLITER EQUALS 1 CUBIC METER

Page 3 of 14

DATE STRAPPED: 09/19/17 BY: RJ
DATE COMPUTED: 09/26/17 BY: WLH
DATE ISSUED: 09/26/17

AMSPEC

John Hall

	3 M	mm	3 M	mm	3 M	mm	3 M	mm	3 M	mm	3 M	mm	3 M	mm	3 M	mm	3 M	mm	3 M	mm
0.000	2,847.999	0.100	2,944.623	0.200	3,041.248	0.300	3,137.873	0.400	3,234.497	0.500	3,331.122	0.600	3,427.746	0.700	3,524.371	0.800	3,620.995	0.900	3,717.620	
0.001	2,848.965	0.101	2,945.590	0.201	3,042.214	0.301	3,138.839	0.401	3,235.461	0.501	3,332.088	0.601	3,428.713	0.701	3,525.337	0.801	3,621.962	0.901	3,718.586	
0.002	2,849.931	0.102	2,946.556	0.202	3,043.181	0.302	3,139.805	0.402	3,236.430	0.502	3,333.054	0.602	3,429.679	0.702	3,526.303	0.802	3,622.928	0.902	3,719.552	
0.003	2,850.898	0.103	2,947.522	0.203	3,044.147	0.303	3,140.771	0.403	3,237.396	0.503	3,334.020	0.603	3,430.645	0.703	3,527.270	0.803	3,623.894	0.903	3,720.519	
0.004	2,851.864	0.104	2,948.488	0.204	3,045.113	0.304	3,141.738	0.404	3,238.362	0.504	3,334.987	0.604	3,431.611	0.704	3,528.236	0.804	3,624.860	0.904	3,721.485	
0.005	2,852.830	0.105	2,949.455	0.205	3,046.079	0.305	3,142.704	0.405	3,239.328	0.505	3,335.953	0.605	3,432.577	0.705	3,529.202	0.805	3,625.827	0.905	3,722.451	
0.006	2,853.796	0.106	2,950.421	0.206	3,047.046	0.306	3,143.670	0.406	3,240.295	0.506	3,336.919	0.606	3,433.544	0.706	3,530.168	0.806	3,626.793	0.906	3,723.417	
0.007	2,854.763	0.107	2,951.387	0.207	3,048.012	0.307	3,144.636	0.407	3,241.261	0.507	3,337.885	0.607	3,434.510	0.707	3,531.135	0.807	3,627.759	0.907	3,724.384	
0.008	2,855.729	0.108	2,952.353	0.208	3,048.978	0.308	3,145.603	0.408	3,242.227	0.508	3,338.852	0.608	3,435.476	0.708	3,532.101	0.808	3,628.725	0.908	3,725.350	
0.009	2,856.695	0.109	2,953.320	0.209	3,049.944	0.309	3,146.569	0.409	3,243.193	0.509	3,339.818	0.609	3,436.442	0.709	3,533.067	0.809	3,629.692	0.909	3,726.316	
0.010	2,857.661	0.110	2,954.286	0.210	3,050.910	0.310	3,147.535	0.410	3,244.160	0.510	3,340.784	0.610	3,437.409	0.710	3,534.033	0.810	3,630.658	0.910	3,727.282	
0.011	2,858.628	0.111	2,955.252	0.211	3,051.877	0.311	3,148.501	0.411	3,245.126	0.511	3,341.750	0.611	3,438.375	0.711	3,535.000	0.811	3,631.624	0.911	3,728.249	
0.012	2,859.594	0.112	2,956.218	0.212	3,052.843	0.312	3,149.468	0.412	3,246.092	0.512	3,342.717	0.612	3,439.341	0.712	3,535.966	0.812	3,632.590	0.912	3,729.215	
0.013	2,860.560	0.113	2,957.185	0.213	3,053.809	0.313	3,150.434	0.413	3,247.058	0.513	3,343.683	0.613	3,440.307	0.713	3,536.932	0.813	3,633.557	0.913	3,730.181	
0.014	2,861.526	0.114	2,958.151	0.214	3,054.775	0.314	3,151.400	0.414	3,248.025	0.514	3,344.649	0.614	3,441.274	0.714	3,537.898	0.814	3,634.523	0.914	3,731.147	
0.015	2,862.493	0.115	2,959.117	0.215	3,055.742	0.315	3,152.366	0.415	3,248.991	0.515	3,345.615	0.615	3,442.240	0.715	3,538.865	0.815	3,635.489	0.915	3,732.114	
0.016	2,863.459	0.116	2,960.083																	

INNAGE TABLE

Item 20 - Final - Data Sheet (Innage)

GAUGE HEIGHT: 14.269 M

	4 M			4 M			4 M			4 M			4 M			4 M			4 M		
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
0.000	3,814.244	0.100	3,910.869	0.200	4,007.494	0.300	4,104.118	0.400	4,200.743	0.500	4,297.367	0.600	4,393.992	0.700	4,490.616	0.800	4,587.241	0.900	4,683.866		
0.001	3,815.211	0.101	3,911.835	0.201	4,008.460	0.301	4,105.084	0.401	4,201.709	0.501	4,298.334	0.601	4,394.958	0.701	4,491.583	0.801	4,588.207	0.901	4,684.832		
0.002	3,816.177	0.102	3,912.802	0.202	4,009.426	0.302	4,106.051	0.402	4,202.675	0.502	4,299.300	0.602	4,395.924	0.702	4,492.549	0.802	4,589.173	0.902	4,685.798		
0.003	3,817.143	0.103	3,913.768	0.203	4,010.392	0.303	4,107.017	0.403	4,203.641	0.503	4,300.266	0.603	4,396.891	0.703	4,493.515	0.803	4,590.140	0.903	4,686.764		
0.004	3,818.109	0.104	3,914.734	0.204	4,011.359	0.304	4,107.983	0.404	4,204.608	0.504	4,301.232	0.604	4,397.857	0.704	4,494.481	0.804	4,591.106	0.904	4,687.730		
0.005	3,819.076	0.105	3,915.700	0.205	4,012.325	0.305	4,108.949	0.405	4,205.574	0.505	4,302.199	0.605	4,398.823	0.705	4,495.445	0.805	4,592.072	0.905	4,688.697		
0.006	3,820.042	0.106	3,916.667	0.206	4,013.291	0.306	4,109.916	0.406	4,206.540	0.506	4,303.165	0.606	4,399.789	0.706	4,496.414	0.806	4,593.038	0.906	4,689.663		
0.007	3,821.008	0.107	3,917.633	0.207	4,014.257	0.307	4,110.882	0.407	4,207.506	0.507	4,304.131	0.607	4,400.756	0.707	4,497.380	0.807	4,594.005	0.907	4,690.629		
0.008	3,821.974	0.108	3,918.599	0.208	4,015.224	0.308	4,111.848	0.408	4,208.473	0.508	4,305.097	0.608	4,401.722	0.708	4,498.346	0.808	4,594.971	0.908	4,691.595		
0.009	3,822.941	0.109	3,919.565	0.209	4,016.190	0.309	4,112.814	0.409	4,209.439	0.509	4,306.063	0.609	4,402.686	0.709	4,499.313	0.809	4,595.937	0.909	4,692.562		
0.010	3,823.907	0.110	3,920.532	0.210	4,017.156	0.310	4,113.781	0.410	4,210.405	0.510	4,307.030	0.610	4,403.654	0.710	4,500.279	0.810	4,596.903	0.910	4,693.528		
0.011	3,824.873	0.111	3,921.498	0.211	4,018.122	0.311	4,114.747	0.411	4,211.371	0.511	4,307.996	0.611	4,404.621	0.711	4,501.245	0.811	4,597.870	0.911	4,694.494		
0.012	3,825.839	0.112	3,922.464	0.212	4,019.089	0.312	4,115.713	0.412	4,212.338	0.512	4,308.962	0.612	4,405.587	0.712	4,502.211	0.812	4,598.836	0.912	4,695.460		
0.013	3,826.806	0.113	3,923.430	0.213	4,020.055	0.313	4,116.679	0.413	4,213.304	0.513	4,309.928	0.613	4,406.553	0.713	4,503.178	0.813	4,599.802	0.913	4,696.427		
0.014	3,827.772	0.114	3,924.396	0.214	4,021.021	0.314	4,117.646	0.414	4,214.270	0.514	4,310.895	0.614	4,407.519	0.714	4,504.144	0.814	4,600.768	0.914	4,697.393		
0.015	3,828.738	0.115	3,925.363	0.215	4,021.987	0.315	4,118.612	0.415	4,215.236	0.515	4,311.861	0.615	4,408.486	0.715	4,505.110	0.815	4,601.735	0.915			

INNAGE TABLE

Item 20 - Final - Data Sheet (Innage)

GAUGE HEIGHT: 14.269 M

	5 M		mm	5 M		mm	5 M		mm	5 M		mm	5 M		mm	5 M		mm	5 M		mm	5 M		mm	5 M		mm	5 M		mm
0.000	4,780.490	0.100	4,877.115	0.200	4,973.730	0.300	5,070.364	0.400	5,166.988	0.500	5,263.613	0.600	5,360.240	0.700	5,456.873	0.800	5,553.505	0.900	5,650.138											
0.001	4,781.456	0.101	4,878.011	0.201	4,974.705	0.301	5,071.330	0.401	5,167.955	0.501	5,264.579	0.601	5,361.206	0.701	5,457.839	0.801	5,554.472	0.901	5,651.104											
0.002	4,782.423	0.102	4,879.047	0.202	4,975.672	0.302	5,072.296	0.402	5,168.921	0.502	5,265.545	0.602	5,362.173	0.702	5,458.805	0.802	5,555.438	0.902	5,652.070											
0.003	4,783.389	0.103	4,880.013	0.203	4,976.638	0.303	5,073.262	0.403	5,169.887	0.503	5,266.512	0.603	5,363.139	0.703	5,459.772	0.803	5,556.404	0.903	5,653.037											
0.004	4,784.355	0.104	4,880.980	0.204	4,977.604	0.304	5,074.229	0.404	5,170.853	0.504	5,267.478	0.604	5,364.105	0.704	5,460.738	0.804	5,557.371	0.904	5,654.003											
0.005	4,785.321	0.105	4,881.946	0.205	4,978.570	0.305	5,075.195	0.405	5,171.820	0.505	5,268.444	0.605	5,365.072	0.705	5,461.704	0.805	5,558.337	0.905	5,654.969											
0.006	4,786.288	0.106	4,882.912	0.206	4,979.537	0.306	5,076.161	0.406	5,172.786	0.506	5,269.410	0.606	5,366.038	0.706	5,462.671	0.806	5,559.303	0.906	5,655.936											
0.007	4,787.254	0.107	4,883.878	0.207	4,980.503	0.307	5,077.127	0.407	5,173.752	0.507	5,270.377	0.607	5,367.004	0.707	5,463.637	0.807	5,560.270	0.907	5,656.902											
0.008	4,788.220	0.108	4,884.845	0.208	4,981.469	0.308	5,078.094	0.408	5,174.718	0.508	5,271.343	0.608	5,367.971	0.708	5,464.603	0.808	5,561.236	0.908	5,657.868											
0.009	4,789.186	0.109	4,885.811	0.209	4,982.435	0.309	5,079.060	0.409	5,175.685	0.509	5,272.309	0.609	5,368.937	0.709	5,465.570	0.809	5,562.202	0.909	5,658.835											
0.010	4,790.153	0.110	4,886.777	0.210	4,983.402	0.310	5,080.026	0.410	5,176.651	0.510	5,273.275	0.610	5,369.903	0.710	5,466.536	0.810	5,563.168	0.910	5,659.801											
0.011	4,791.119	0.111	4,887.743	0.211	4,984.368	0.311	5,080.992	0.411	5,177.617	0.511	5,274.242	0.611	5,370.870	0.711	5,467.502	0.811	5,564.135	0.911	5,660.767											
0.012	4,792.085	0.112	4,888.710	0.212	4,985.334	0.312	5,081.959	0.412	5,178.583	0.512	5,275.208	0.612	5,371.836	0.712	5,468.469	0.812	5,565.101	0.912	5,661.734											
0.013	4,793.051	0.113	4,889.676	0.213	4,986.300	0.313	5,082.925	0.413	5,179.549	0.513	5,276.174	0.613	5,372.802	0.713																

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Item 20 - Final - Data Sheet (Innage)

GAUGE HEIGHT: 14.269 M

	6 M	mm	6 M	mm	6 M	mm	6 M	mm	6 M	mm	6 M	mm	6 M	mm	6 M	mm	6 M	mm
0.000	5,746.770	0.100	5,843.403	0.200	5,940.036	0.300	6,036.668	0.400	6,133.301	0.500	6,229.933	0.600	6,326.566	0.700	6,423.198	0.800	6,519.831	0.900
0.001	5,747.737	0.101	5,844.369	0.201	5,941.002	0.301	6,037.634	0.401	6,134.267	0.501	6,230.900	0.601	6,327.532	0.701	6,424.165	0.801	6,520.797	0.901
0.002	5,748.703	0.102	5,845.336	0.202	5,941.968	0.302	6,038.601	0.402	6,135.233	0.502	6,231.866	0.602	6,328.498	0.702	6,425.131	0.802	6,521.764	0.902
0.003	5,749.669	0.103	5,846.303	0.203	5,942.932	0.303	6,039.567	0.403	6,136.200	0.503	6,232.832	0.603	6,329.465	0.703	6,426.097	0.803	6,522.730	0.903
0.004	5,750.636	0.104	5,847.268	0.204	5,943.901	0.304	6,040.533	0.404	6,137.166	0.504	6,233.799	0.604	6,330.431	0.704	6,427.064	0.804	6,523.696	0.904
0.005	5,751.602	0.105	5,848.235	0.205	5,944.867	0.305	6,041.500	0.405	6,138.132	0.505	6,234.765	0.605	6,331.397	0.705	6,428.030	0.805	6,524.663	0.905
0.006	5,752.568	0.106	5,849.201	0.206	5,945.833	0.306	6,042.466	0.406	6,139.099	0.506	6,235.731	0.606	6,332.364	0.706	6,428.996	0.806	6,525.629	0.906
0.007	5,753.535	0.107	5,850.167	0.207	5,946.800	0.307	6,043.432	0.407	6,140.065	0.507	6,236.697	0.607	6,333.330	0.707	6,429.963	0.807	6,526.595	0.907
0.008	5,754.501	0.108	5,851.134	0.208	5,947.766	0.308	6,044.399	0.408	6,141.031	0.508	6,237.664	0.608	6,334.296	0.708	6,430.929	0.808	6,527.562	0.908
0.009	5,755.467	0.109	5,852.100	0.209	5,948.732	0.309	6,045.365	0.409	6,141.998	0.509	6,238.630	0.609	6,335.263	0.709	6,431.895	0.809	6,528.528	0.909
0.010	5,756.434	0.110	5,853.066	0.210	5,949.699	0.310	6,046.331	0.410	6,142.964	0.510	6,239.596	0.610	6,336.229	0.710	6,432.862	0.810	6,529.494	0.910
0.011	5,757.400	0.111	5,854.033	0.211	5,949.665	0.311	6,047.298	0.411	6,143.930	0.511	6,240.563	0.611	6,337.195	0.711	6,433.828	0.811	6,530.461	0.911
0.012	5,758.366	0.112	5,854.999	0.212	5,951.631	0.312	6,048.264	0.412	6,144.897	0.512	6,241.529	0.612	6,338.162	0.712	6,434.794	0.812	6,531.427	0.912
0.013	5,759.333	0.113	5,855.965	0.213	5,952.598	0.313	6,049.230	0.413	6,145.863	0.513	6,242.495	0.613	6,339.128	0.713	6,435.761	0.813	6,532.393	0.913
0.014	5,760.299	0.114	5,856.931	0.214	5,953.564	0.314	6,050.197	0.414	6,146.829	0.514	6,243.462	0.614	6,340.094	0.714	6,436.727	0.814	6,533.359	0.914
0.015	5,761.265	0.115	5,857.898	0.215	5,954.530	0.315	6,051.163	0.415	6,147.796	0.515	6,244.428	0.615	6,341.061	0.715	6,437.693	0.815	6,534.326	0.915
0.016	5,762.232	0.116	5,858.864	0.216	5,955.497	0.316	6,052.129	0.416	6,148.762	0.516	6,245.394	0.616	6,342.027	0.716	6,438.660	0.816	6,535.292	0.916
0.017	5,763.198	0.117	5,859.830	0.217														

	7 M	mm	7 M	mm	7 M	mm	7 M	mm	7 M	mm	7 M	mm	7 M	mm	7 M	mm	7 M	mm	
0.000	6,713.096	0.100	6,809.729	0.200	6,906.361	0.300	7,002.994	0.400	7,099.626	0.500	7,196.259	0.600	7,292.891	0.700	7,389.524	0.800	7,486.157	0.900	7,582.789
0.001	6,714.062	0.101	6,810.695	0.201	6,907.328	0.301	7,003.960	0.401	7,100.593	0.501	7,197.225	0.601	7,293.858	0.701	7,390.490	0.801	7,487.123	0.901	7,583.756
0.002	6,715.029	0.102	6,811.661	0.202	6,908.294	0.302	7,004.926	0.402	7,101.559	0.502	7,198.192	0.602	7,294.824	0.702	7,391.457	0.802	7,488.090	0.902	7,584.722
0.003	6,715.995	0.103	6,812.628	0.203	6,909.260	0.303	7,005.893	0.403	7,102.523	0.503	7,199.158	0.603	7,295.790	0.703	7,392.423	0.803	7,488.056	0.903	7,585.688
0.004	6,716.961	0.104	6,813.594	0.204	6,910.227	0.304	7,006.859	0.404	7,103.492	0.504	7,200.124	0.604	7,296.757	0.704	7,393.389	0.804	7,490.022	0.904	7,586.654
0.005	6,717.928	0.105	6,814.560	0.205	6,911.193	0.305	7,007.825	0.405	7,104.458	0.505	7,201.091	0.605	7,297.723	0.705	7,394.356	0.805	7,490.988	0.905	7,587.621
0.006	6,718.894	0.106	6,815.527	0.206	6,912.159	0.306	7,008.792	0.406	7,105.424	0.506	7,202.057	0.606	7,298.689	0.706	7,395.322	0.806	7,491.955	0.906	7,588.587
0.007	6,719.860	0.107	6,816.493	0.207	6,913.125	0.307	7,009.758	0.407	7,106.391	0.507	7,203.023	0.607	7,299.656	0.707	7,396.288	0.807	7,492.921	0.907	7,589.553
0.008	6,720.827	0.108	6,817.459	0.208	6,914.092	0.308	7,010.724	0.408	7,107.357	0.508	7,203.990	0.608	7,300.622	0.708	7,397.255	0.808	7,493.887	0.908	7,590.520
0.009	6,721.793	0.109	6,818.426	0.209	6,915.058	0.309	7,011.691	0.409	7,108.323	0.509	7,204.956	0.609	7,301.588	0.709	7,398.221	0.809	7,494.854	0.909	7,591.486
0.010	6,722.759	0.110	6,819.392	0.210	6,916.024	0.310	7,012.657	0.410	7,109.290	0.510	7,205.922	0.610	7,302.555	0.710	7,399.187	0.810	7,495.820	0.910	7,592.452
0.011	6,723.726	0.111	6,820.358	0.211	6,916.991	0.311	7,013.623	0.411	7,110.256	0.511	7,206.888	0.611	7,303.521	0.711	7,400.154	0.811	7,496.786	0.911	7,593.419
0.012	6,724.692	0.112	6,821.325	0.212	6,917.957	0.312	7,014.590	0.412	7,111.222	0.512	7,207.855	0.612	7,304.487	0.712	7,401.120	0.812	7,497.753	0.912	7,594.385
0.013	6,725.658	0.113	6,822.291	0.213	6,918.923	0.313	7,015.556	0.413	7,112.189	0.513	7,208.821	0.613	7,305.454	0.713	7,402.086	0.813	7,498.719	0.913	7,595.351
0.014	6,726.625	0.114	6,823.257	0.214	6,919.890	0.314	7,016.522	0.414	7,113.155	0.514	7,209.787	0.614	7,306.420	0.714	7,403.053	0.814	7,499.685	0.914	7,596.318
0.015	6,727.591	0.115	6,824.224	0.215	6,920.856	0.315	7,017.489	0.415	7,114.121	0.515	7,210.754	0.615	7,307.386	0.715	7,404.019	0.815	7,500.652	0.915	7,597.284
0.016	6,728.557	0.116	6,825.190	0.216	6,9														

Item 20 - Final - Data Sheet (Innage)

GAUGE HEIGHT: 14.269 M

	8 M	mm	8 M	mm	8 M	mm	8 M	mm	8 M	mm	8 M	mm	8 M	mm	8 M	mm	8 M	mm	8 M	mm
0.000	7,679.422	0.100	7,776.054	0.200	7,872.687	0.300	7,969.319	0.400	8,065.973	0.500	8,162.657	0.600	8,259.342	0.700	8,356.027	0.800	8,452.711	0.900	8,549.396	
0.001	7,680.388	0.101	7,777.021	0.201	7,873.653	0.301	7,970.286	0.401	8,066.939	0.501	8,163.624	0.601	8,260.309	0.701	8,356.993	0.801	8,453.678	0.901	8,550.363	
0.002	7,681.354	0.102	7,777.987	0.202	7,874.620	0.302	7,971.252	0.402	8,067.906	0.502	8,164.591	0.602	8,261.276	0.702	8,357.960	0.802	8,454.645	0.902	8,551.330	
0.003	7,682.321	0.103	7,778.953	0.203	7,875.586	0.303	7,972.218	0.403	8,068.873	0.503	8,165.558	0.603	8,262.242	0.703	8,358.927	0.803	8,455.612	0.903	8,552.296	
0.004	7,683.287	0.104	7,779.920	0.204	7,876.552	0.304	7,973.185	0.404	8,069.840	0.504	8,166.525	0.604	8,263.209	0.704	8,359.894	0.804	8,456.579	0.904	8,553.263	
0.005	7,684.253	0.105	7,780.886	0.205	7,877.519	0.305	7,974.151	0.405	8,070.807	0.505	8,167.491	0.605	8,264.176	0.705	8,360.861	0.805	8,457.545	0.905	8,554.230	
0.006	7,685.220	0.106	7,781.852	0.206	7,878.485	0.306	7,975.117	0.406	8,071.774	0.506	8,168.458	0.606	8,265.143	0.706	8,361.828	0.806	8,458.512	0.906	8,555.197	
0.007	7,686.186	0.107	7,782.819	0.207	7,879.451	0.307	7,976.084	0.407	8,072.741	0.507	8,169.425	0.607	8,266.110	0.707	8,362.794	0.807	8,459.479	0.907	8,556.164	
0.008	7,687.152	0.108	7,783.785	0.208	7,880.418	0.308	7,977.050	0.408	8,073.707	0.508	8,170.392	0.608	8,267.077	0.708	8,363.761	0.808	8,460.446	0.908	8,557.131	
0.009	7,688.119	0.109	7,784.751	0.209	7,881.384	0.309	7,978.016	0.409	8,074.674	0.509	8,171.359	0.609	8,268.044	0.709	8,364.728	0.809	8,461.413	0.909	8,558.097	
0.010	7,689.085	0.110	7,785.718	0.210	7,882.350	0.310	7,978.983	0.410	8,075.641	0.510	8,172.326	0.610	8,269.010	0.710	8,365.695	0.810	8,462.380	0.910	8,559.064	
0.011	7,690.051	0.111	7,786.684	0.211	7,883.316	0.311	7,979.949	0.411	8,076.608	0.511	8,173.293	0.611	8,269.977	0.711	8,366.662	0.811	8,463.347	0.911	8,560.031	
0.012	7,691.018	0.112	7,787.650	0.212	7,884.283	0.312	7,980.915	0.412	8,077.575	0.512	8,174.258	0.612	8,270.944	0.712	8,367.629	0.812	8,464.313	0.912	8,560.998	
0.013	7,691.984	0.113	7,788.617	0.213	7,885.249	0.313	7,981.882	0.413	8,078.542	0.513	8,175.226	0.613	8,271.911	0.713	8,368.596	0.813	8,465.280	0.913	8,561.965	
0.014	7,692.950	0.114	7,789.583	0.214	7,886.215	0.314	7,982.848	0.414	8,079.508	0.514	8,176.193	0.614	8,272.878	0.714	8,369.562	0.814	8,466.247	0.914	8,562.932	
0.015	7,693.917	0.115	7,790.549	0.215	7,887.182	0.315	7,983.814	0.415	8,080.475	0.515	8,177.160	0.615	8,273.845	0.715	8,370.529	0.815	8,467.214	0.915	8,563.899	
0.016	7,694.883	0.116	7,791.516																	

Item 20 - Final - Data Sheet (Innage)

GAUGE HEIGHT: 14.269 M

	9 M		mm		9 M		mm		9 M		mm		9 M		mm		9 M		mm		9 M		mm		9 M		mm		9 M		mm	
0.000	8,646.080	0.100	8,742.765	0.200	8,839.450	0.300	8,936.134	0.400	9,032.819	0.500	9,129.504	0.600	9,226.188	0.700	9,322.873	0.800	9,419.558	0.900	9,516.243													
0.001	8,647.047	0.101	8,743.732	0.201	8,840.417	0.301	8,937.101	0.401	9,033.786	0.501	9,130.471	0.601	9,227.155	0.701	9,323.840	0.801	9,420.525	0.901	9,517.209													
0.002	8,648.014	0.102	8,744.699	0.202	8,841.383	0.302	8,938.068	0.402	9,034.753	0.502	9,131.437	0.602	9,228.122	0.702	9,324.807	0.802	9,421.491	0.902	9,518.176													
0.003	8,648.981	0.103	8,745.666	0.203	8,842.350	0.303	8,939.035	0.403	9,035.720	0.503	9,132.404	0.603	9,229.089	0.703	9,325.774	0.803	9,422.458	0.903	9,519.143													
0.004	8,649.948	0.104	8,746.633	0.204	8,843.317	0.304	8,940.002	0.404	9,036.686	0.504	9,133.371	0.604	9,230.056	0.704	9,326.740	0.804	9,423.425	0.904	9,520.110													
0.005	8,650.915	0.105	8,747.599	0.205	8,844.284	0.305	8,940.969	0.405	9,037.653	0.505	9,134.338	0.605	9,231.023	0.705	9,327.707	0.805	9,424.392	0.905	9,521.077													
0.006	8,651.882	0.106	8,748.566	0.206	8,845.251	0.306	8,941.936	0.406	9,038.620	0.506	9,135.305	0.606	9,231.989	0.706	9,328.674	0.806	9,425.359	0.906	9,522.043													
0.007	8,652.848	0.107	8,749.533	0.207	8,846.218	0.307	8,942.902	0.407	9,039.587	0.507	9,136.272	0.607	9,232.956	0.707	9,329.641	0.807	9,426.326	0.907	9,523.010													
0.008	8,653.815	0.108	8,750.503	0.208	8,847.185	0.308	8,943.869	0.408	9,040.554	0.508	9,137.238	0.608	9,233.923	0.708	9,330.608	0.808	9,427.292	0.908	9,523.977													
0.009	8,654.782	0.109	8,751.467	0.209	8,848.151	0.309	8,944.836	0.409	9,041.521	0.509	9,138.205	0.609	9,234.890	0.709	9,331.575	0.809	9,428.259	0.909	9,524.944													
0.010	8,655.749	0.110	8,752.434	0.210	8,849.118	0.310	8,945.803	0.410	9,042.488	0.510	9,139.172	0.610	9,235.857	0.710	9,332.541	0.810	9,429.226	0.910	9,525.911													
0.011	8,656.716	0.111	8,753.400	0.211	8,850.085	0.311	8,946.770	0.411	9,043.454	0.511	9,140.139	0.611	9,236.824	0.711	9,333.508	0.811	9,430.193	0.911	9,526.878													
0.012	8,657.683	0.112	8,754.367	0.212	8,851.052	0.312	8,947.737	0.412	9,044.421	0.512	9,141.106	0.612	9,237.791	0.712	9,334.475	0.812	9,431.160	0.912	9,527.844													
0.013	8,658.649	0.113	8,755.334	0.213	8,852.019	0.313																										

Item 20 - Final - Data Sheet (Innage)

GAUGE HEIGHT: 14.269 M

mm	10 M	mm	10 M	mm	10 M	mm	10 M	mm	10 M	mm	10 M	mm	10 M	mm	10 M	mm	10 M	mm	10 M
0.000	9,612.827	0.100	9,709.612	0.200	9,806.296	0.300	9,902.981	0.400	9,999.666	0.500	10,096.350	0.600	10,193.035	0.700	10,289.719	0.800	10,386.404	0.900	10,483.089
0.001	9,613.894	0.101	9,710.578	0.201	9,807.263	0.301	9,903.948	0.401	10,000.632	0.501	10,097.317	0.601	10,194.002	0.701	10,290.686	0.801	10,387.371	0.901	10,484.055
0.002	9,614.861	0.102	9,711.545	0.202	9,808.230	0.302	9,904.915	0.402	10,001.599	0.502	10,098.284	0.602	10,194.969	0.702	10,291.653	0.802	10,388.338	0.902	10,485.022
0.003	9,615.828	0.103	9,712.512	0.203	9,809.197	0.303	9,905.881	0.403	10,002.566	0.503	10,099.251	0.603	10,195.935	0.703	10,292.620	0.803	10,389.303	0.903	10,485.989
0.004	9,616.794	0.104	9,713.479	0.204	9,810.164	0.304	9,906.848	0.404	10,003.533	0.504	10,100.218	0.604	10,196.902	0.704	10,293.587	0.804	10,390.272	0.904	10,486.956
0.005	9,617.761	0.105	9,714.446	0.205	9,811.130	0.305	9,907.815	0.405	10,004.500	0.505	10,101.184	0.605	10,197.869	0.705	10,294.554	0.805	10,391.238	0.905	10,487.923
0.006	9,618.728	0.106	9,715.413	0.206	9,812.097	0.306	9,908.782	0.406	10,005.467	0.506	10,102.151	0.606	10,198.836	0.706	10,295.521	0.806	10,392.205	0.906	10,488.890
0.007	9,619.695	0.107	9,716.380	0.207	9,813.064	0.307	9,909.749	0.407	10,006.433	0.507	10,103.118	0.607	10,199.803	0.707	10,296.487	0.807	10,393.172	0.907	10,489.857
0.008	9,620.662	0.108	9,717.346	0.208	9,814.031	0.308	9,910.716	0.408	10,007.400	0.508	10,104.085	0.608	10,200.770	0.708	10,297.454	0.808	10,394.139	0.908	10,490.824
0.009	9,621.629	0.109	9,718.313	0.209	9,814.998	0.309	9,911.683	0.409	10,008.367	0.509	10,105.052	0.609	10,201.736	0.709	10,298.421	0.809	10,395.106	0.909	10,491.790
0.010	9,622.595	0.110	9,719.280	0.210	9,815.965	0.310	9,912.649	0.410	10,009.334	0.510	10,106.019	0.610	10,202.703	0.710	10,299.388	0.810	10,396.073	0.910	10,492.750
0.011	9,623.562	0.111	9,720.247	0.211	9,816.932	0.311	9,913.616	0.411	10,010.301	0.511	10,106.986	0.611	10,203.670	0.711	10,300.355	0.811	10,397.039	0.911	10,493.724
0.012	9,624.529	0.112	9,721.214	0.212	9,817.898	0.312	9,914.583	0.412	10,011.268	0.512	10,107.952	0.612	10,204.637	0.712	10,301.322	0.812	10,398.006	0.912	10,494.691
0.013	9,625.496	0.113	9,722.181	0.213	9,818.865	0.313	9,915.550	0.413	10,012.235	0.513	10,108.919	0.613	10,205.604	0.713	10,302.288	0.813	10,398.973	0.913	10,495.658
0.014	9,626.463	0.114	9,723.147	0.214	9,819.832	0.314	9,916.517	0.414	10,013.201	0.514	10,109.886	0.614	10,206.571	0.714	10,303.255	0.814	10,399.940	0.914	10,496.625
0.015	9,627.430	0.115	9,724.114	0.215	9,820.799	0.315	9,917.484	0.415	10,014.168	0.515	10,110.853	0.615	10,207.538	0.715	10,304.222	0			

Item 20 - Final - Data Sheet (Innage)

GAUGE HEIGHT: 14.269 M

mm	11 M	mm	11 M	mm	11 M	mm	11 M	mm	11 M	mm	11 M	mm	11 M	mm	11 M	mm	11 M	mm	11 M
0.000	10,579.773	0.100	10,676.458	0.200	10,773.158	0.300	10,869.878	0.400	10,966.597	0.500	11,063.316	0.600	11,160.035	0.700	11,256.754	0.800	11,353.474	0.900	11,450.193
0.001	10,580.740	0.101	10,677.425	0.201	10,774.126	0.301	10,870.848	0.401	10,967.564	0.501	11,064.283	0.601	11,161.002	0.701	11,257.722	0.801	11,354.441	0.901	11,451.160
0.002	10,581.707	0.102	10,678.392	0.202	10,775.093	0.302	10,871.812	0.402	10,968.531	0.502	11,065.250	0.602	11,161.970	0.702	11,258.689	0.802	11,355.408	0.902	11,452.177
0.003	10,582.674	0.103	10,679.359	0.203	10,776.060	0.303	10,872.779	0.403	10,969.498	0.503	11,066.218	0.603	11,162.937	0.703	11,259.656	0.803	11,356.375	0.903	11,453.094
0.004	10,583.641	0.104	10,680.325	0.204	10,777.027	0.304	10,873.746	0.404	10,970.466	0.504	11,067.185	0.604	11,163.904	0.704	11,260.623	0.804	11,357.342	0.904	11,454.062
0.005	10,584.608	0.105	10,681.292	0.205	10,777.994	0.305	10,874.714	0.405	10,971.433	0.505	11,068.152	0.605	11,164.871	0.705	11,261.590	0.805	11,358.310	0.905	11,455.029
0.006	10,585.575	0.106	10,682.259	0.206	10,778.962	0.306	10,875.681	0.406	10,972.400	0.506	11,069.119	0.606	11,165.838	0.706	11,262.558	0.806	11,359.277	0.906	11,455.996
0.007	10,586.541	0.107	10,683.226	0.207	10,779.929	0.307	10,876.648	0.407	10,973.367	0.507	11,070.086	0.607	11,166.806	0.707	11,263.525	0.807	11,360.244	0.907	11,456.963
0.008	10,587.508	0.108	10,684.193	0.208	10,780.896	0.308	10,877.615	0.408	10,974.334	0.508	11,071.054	0.608	11,167.773	0.708	11,264.492	0.808	11,361.211	0.908	11,457.930
0.009	10,588.475	0.109	10,685.160	0.209	10,781.863	0.309	10,878.582	0.409	10,975.302	0.509	11,072.021	0.609	11,168.740	0.709	11,265.459	0.809	11,362.178	0.909	11,458.898
0.010	10,589.442	0.110	10,686.127	0.210	10,782.830	0.310	10,879.550	0.410	10,976.269	0.510	11,072.988	0.610	11,169.707	0.710	11,266.424	0.810	11,363.146	0.910	11,459.865
0.011	10,590.409	0.111	10,687.093	0.211	10,783.798	0.311	10,880.517	0.411	10,977.236	0.511	11,073.955	0.611	11,170.674	0.711	11,267.394	0.811	11,364.113	0.911	11,460.832
0.012	10,591.376	0.112	10,688.060	0.212	10,784.765	0.312	10,881.484	0.412	10,978.203	0.512	11,074.922	0.612	11,171.642	0.712	11,268.361	0.812	11,365.080	0.912	11,461.799
0.013	10,592.342	0.113	10,689.027	0.213	10,785.732	0.313	10,882.451	0.413	10,979.170	0.513	11,075.890	0.613	11,172.609	0.713	11,269.328	0.813	11,366.047	0.913	11,462.766
0.014	10,593.309	0.114	10,689.994	0.214	10,786.699	0.314	10,883.418	0.414	10,980.138	0.514	11,076.857	0.614	11,173.576	0.714	11,270.295	0.814	11,367.014	0.914	11,463.733
0.015	10,594.276	0.115	10,690.961	0.215	10,787.666	0.315	10,884.386	0.415	10,981.105	0.515	1								

CAPACITIES GIVEN IN CUBIC METERS

GAUGE HEIGHT: 14.269 M

Page 13 of 14

AMSPEC

G. H. Hall

APPENDIX K

Inspection Report – Rankin Inlet Offsite and Onsite Fabrication Quality Control Documents



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☐ Complete, no further submission required.

By:

Date:

Review and authorization to fabricate are only for general conformance with the design concept of the Project as expressed in the Contract Documents. Sole responsibility for the accuracy and completeness of this document, including but not limited to dimensions and quantities, remains with the Supplier/Contractor. Agnico Eagle does not warrant the accuracy or completeness of any of the information contained herein, nor does Agnico Eagle authorize or approve any construction means, methods, techniques, sequences or any safety precautions or procedures.

Agnico Eagle
No.

6515-C-270-007-141-QCR-0001 R: Sub003

DOCUMENT FOR INFORMATION

AGNICO EAGLE MINE

Contract No. 6515-C-270-007



C-22466T

Rankin Inlet

OffSite and OnSite Fabrication

Quality Control Documents

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SECTION 1.3 – DRAWINGS INDEX (IFC) LATEST REVISION	#

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SECTION 6.2 – PERFORM ALL NON DESTRUCTIVE EXAMINATION – AEM-GE-LOG-005 / MISTRAS	#
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SECTION 7.2 – FINAL ACCEPTANCE OF TURNOVER PACKAGE	#
SECTION 7.3 – DECLARATION OF COMPLETION – AEM-GE-ITR-004	#
SECTION 7.4 – AS-BUILT DRAWINGS	#
SECTION 7.5 – WELD MAP	#



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By: **JEAN-FRANCOIS TREMBLAY**

Date: **2017-06-09**

Review and authorization to fabricate are only for general conformance with the design concept of the Project as expressed in the Contract Documents. Sole responsibility for the accuracy and completeness of this document, including but not limited to dimensions and quantities, remains with the Supplier/Contractor. Agnico Eagle does not warrant the accuracy or completeness of any of the information contained herein, nor does Agnico Eagle authorize or approve any construction means, methods, techniques, sequences or any safety precautions or procedures.

Agnico Eagle
No.

6515-C-270-007-141-TES-0031 R: Sub002

DOCUMENT FOR INFORMATION

Inspection and Testing Plan



Contract title: Meljadiné Fuel Tanks Piping Supply and Installation
 Contract number: 6515-C-270-007
 Promec Ref.: C22466T

Approved on: _____
 Approved by: _____

Approval Signature

ITP #
 Area
 System

Discipline

AEM-ITP-001
 Rankin Inlet
 Pumping container

Mechanical
 Piping
 Structure

Updated on:
 2017-06-06

Legend

H - Hold
 W - Witness
 I - Inspect
 R - Review

Activity No. and CDRL Code	Activity Description (Per Scope of Work)	Responsibility Contractor and/or Sub	Acceptance Criteria (Specifications, Drawings, Industry Code, Regulatory Authority, Manufacturers O&M manual, Controlling Procedure, Quality/Engineering Bulletins, Other/ Site Quality Plan, Contractor Quality Manuals, etc.)	Verification Point				Verification Document(s) 1. List ONLY the Form(s) applicable to installation. 2. ▲ Commissioning Required Document
				Contractor		Client		
				H W I R	Initials & Date	H W I R	Initials & Date	
1.0	GENERAL							
1.1	Inspection and Test Plan	Promec / CLIENT		H/R		R		Approved ITP
1.2	Document review (Acquire and review all applicable documentation)	Promec / CLIENT	Quality Plan	H/R		R		
1.3	Procedures Submitted and Approved (Hydrostatic/Pneumatic Testing, Pre-Commissioning, etc.)	Promec / CLIENT	Quality Plan	H/R		R		All Applicable Approved Procedures
1.4	Drawing Index (IFC) to Latest Revision	Promec	Quality Plan	I/R				
2.0	ITP SPECIFIC							
2.1	Non-Conformance Report & Log (Both CLIENT & Contractor Issued)	Promec / CLIENT	Quality Plan	H/R		R		AEM-GE-ITR-002 (Non-Conformance Report) ▲ AEM-GE-LOG-002 (Non-Conformance Log)
2.2	Weld Procedures Submitted and Approved Specification/Procedure (WPS)	Promec / CLIENT	Quality Plan	H/R		R		Approved Procedure
2.3	Welders Qualification Approved	Promec / CLIENT	Quality Plan	H/R		R		Welders qualifications records
2.4	Inspect Material/Equipment for Damages or Deficiencies	Promec	Quality Plan	I/R		R		AEM-GE-ITR-005 (Inspection Deficiency Report) ▲ AEM-GE-LOG-004 (Inspection Deficiency Log)

Inspection and Testing Plan



Contract title:
Contract number:
Promec Ref.:

Meljiadine Fuel Tanks Piping Supply and Installation
6515-C-270-007
C22466T

Approved on :
Approved by:

Approval Signature

ITP #
Area
System

Discipline

AEM-ITP-001
Rankin Inlet
Pumping container

Mechanical
Piping
Structure

Updated on:
2017-06-06

Legend

H - Hold
W - Witness
I - Inspect
R - Review

Activity No. and CDRL Code	Activity Description (Per Scope of Work)	Responsibility Contractor and/or Sub	Acceptance Criteria (Specifications, Drawings, Industry Code, Regulatory Authority, Manufacturers O&M manual, Controlling Procedure, Quality/Engineering Bulletins, Other/ Site Quality Plan, Contractor Quality Manuals, etc.)	Verification Point				Verification Document(s) 1. List ONLY the Form(s) applicable to installation. 2. ▲ Commssioning Required Document
				Contractor		Client		
				H W I R	Initials & Date	H W I R	Initials & Date	
3.0 Preparation of the electrical and pumping station containers (Offsite)								
3.1	Dimensions of the container verification	Promec / CLIENT / Third-Party	IFC Drawings	I/R		I		AirMP Report
3.2	Insulation and cladding verification	Promec / CLIENT / Third-Party	IFC Drawings	I/R		I		AirMP Report
3.3	Doors verification	Promec / CLIENT / Third-Party	6515-C-270-007-SPT-001_R3 (Technical Specifications)	I/R		I		AirMP Report
3.4	Exterior paint verification	Promec / CLIENT / Third-Party	AirMP specifications	I/R		I		AirMP Report
4.0 Preparation of the DEF containers (Offsite)								
4,1	Fabrication of the DEF containers	Promec / CLIENT / Third-Party	P.D.McLaren specifications	I/R		I		P.D.McLaren Report