

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)	6 (1/2)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s): June 27/18

Tested by: MATT MACKENZIE Ambient Conditions: 10°

Items Tested: MANWAY BOLTS

MANWAY TORQUE

Results:

MANWAYS TORQUED TO REQUIRED SPEC.

Sub-Arc Representative Signature: [Signature] Date: June 27/18Client Representative Signature: [Signature] Date: June 27/18

Client Signature: _____ Date: _____



Client :	Inukshuk Construction Ltd,	Date d'intervention :	2018-06-19 to 24
Adresse/Address :	, PO Box 654 Rankin Inlet, Nunavut X0C 0G0	Intervention date :	
Contact :	Marc Losier	Date du rapport :	2018-06-27
Entrepreneur :	tClient	Report date :	
Contractor :		N° dossier :	INS-118016-02
Endroit du travail :	Meliadine Gold Mine Nunavut	File no :	
Job location :		Commande :	295-1024
		Order :	

Page 1 de/of 6

INSP. VISUELLE VISUAL INSP.	☐	MAGNÉTOSCOPIE MAGNETIC PARTICLES	☒	RESSUAGE LIQUID PENETRANT	☐	ULTRASONS ULTRASONIC	☐												
DESCRIPTION :																			
Project: Meliadine Gold Mine (Agnico Eagle).																			
Magnetic particles inspection on tank no 1 at Rankin Inlet Installation (Nozzles only)																			
Remark: Visual inspection was performed by client																			
INSP. VISUELLE / VISUAL INSP.		NORME : SPECIFICATION :		N° équip. : Equip. no :															
MAGNÉTOSCOPIE MAGNETIC PARTICLES		NORME : SPECIFICATION : API 650		N° équip. : Equip. no : MP-Q-22															
Ampérage : Amperage : Longitudinale Longitudinal	Culasse/Yoke ☒	Continue Continuous Circulaire Circular	☒ ☐	Résiduelle Residual C.A. A.C.	☐ ☒	Humide Wet C.C. D.C.	☐ ☐												
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 :		N° équip. : Equip. no :															
ÉTALONNAGE/CALIBRATION :		Trou/Hole :		C.A.D. /D.A.C. :		☐													
Bloc/Block :																			
APPAREIL/EQUIPMENT :		Couplant :		Échelle/Sweep length :															
Instrument :		Palpeur/Transducer :																	
N° équip./Equip. no :																			
RÉSULTATS/RESULTS :																			
TANK No. 1																			
<table><tr><th>Item inspected</th><th>MPI 100% of Weld outside</th><th>MPI 100% of Weld inside</th></tr><tr><td>15 nozzles on shell (Including 4 manholes)</td><td>14 Pads / shell - Accepted 14 Nozzles / Pads - Accepted 1 nozzle / shell - Accepted</td><td>15 nozzles on shell Accepted</td></tr><tr><td>Seam on each manhole (4)</td><td>Accepted</td><td>Accepted</td></tr><tr><td>11 Nozzles on top tanks</td><td>11 Pads on top Shell - Accepted 11 Nozzles / Pads – Accepted 2 nozzles no pad</td><td>N/A</td></tr></table>								Item inspected	MPI 100% of Weld outside	MPI 100% of Weld inside	15 nozzles on shell (Including 4 manholes)	14 Pads / shell - Accepted 14 Nozzles / Pads - Accepted 1 nozzle / shell - Accepted	15 nozzles on shell Accepted	Seam on each manhole (4)	Accepted	Accepted	11 Nozzles on top tanks	11 Pads on top Shell - Accepted 11 Nozzles / Pads – Accepted 2 nozzles no pad	N/A
Item inspected	MPI 100% of Weld outside	MPI 100% of Weld inside																	
15 nozzles on shell (Including 4 manholes)	14 Pads / shell - Accepted 14 Nozzles / Pads - Accepted 1 nozzle / shell - Accepted	15 nozzles on shell Accepted																	
Seam on each manhole (4)	Accepted	Accepted																	
11 Nozzles on top tanks	11 Pads on top Shell - Accepted 11 Nozzles / Pads – Accepted 2 nozzles no pad	N/A																	
Note: Accepted after two repairs on manhole 270° interior weld																			
Techniciens : Technicians :		Assistants:		Approuvé par : Approved by :		Patrick Brodeur Superviseur technique													
Etienne Munger ASNT-TC-1A Level 2 CAN/CGSB 48.9712 MT Level 2		Qualification				CSA W178.2 niv.3													

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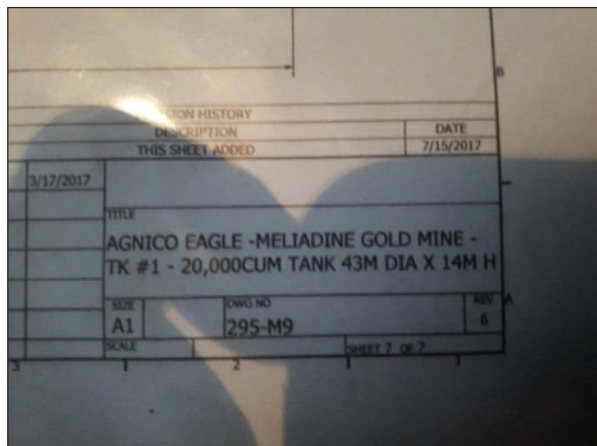
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Membre du groupe SGS (SGS SA)

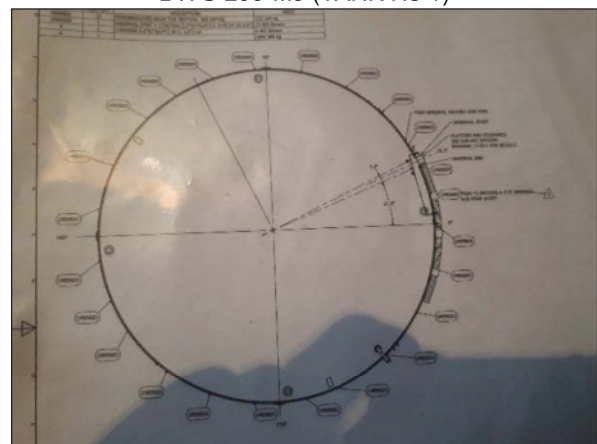
Client :	Inukshuk Construction Ltd,	Date d'intervention :	2018-06-19 to 24
Adresse/Address :	, PO Box 654 Rankin Inlet, Nunavut X0C 0G0	Intervention date :	
Contact :	Marc Losier	Date du rapport :	2018-06-27
Entrepreneur :	tClient	Report date :	
Contractor :		N° dossier :	INS-118016-02
Endroit du travail :	Meliadine Gold Mine Nunavut	File no :	
Job location :		Commande :	295-1024
		Order :	



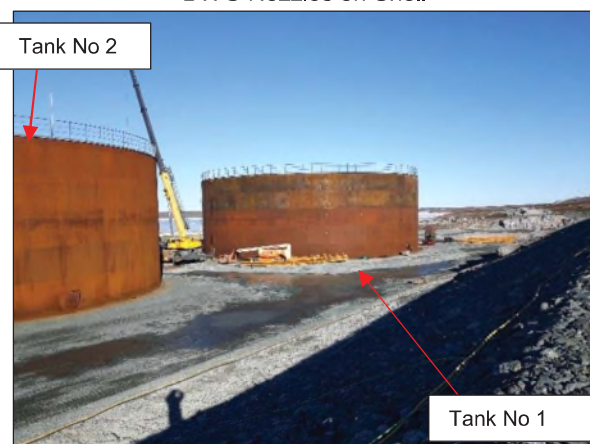
DWG 295-M9 (TANK No 1)



DWG Nozzles on Shell



DWG Nozzles on Top Shell



Site of Tank No 1 & No 2 at Rankin Inlet



Techniciens :	Etienne Munger	Assistants:		Approuvé par :	Patrick Brodeur
Technicians :	ASNT-TC-1A Level 2 CAN/CGSB 48.9712 MT Level 2			Approved by :	Superviseur technique
			Qualification		CSA W178.2 niv.3

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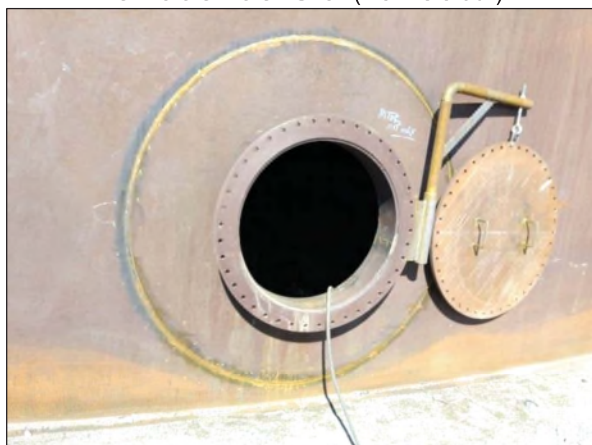
Nozzles 1 and 2 of 15 on Shell



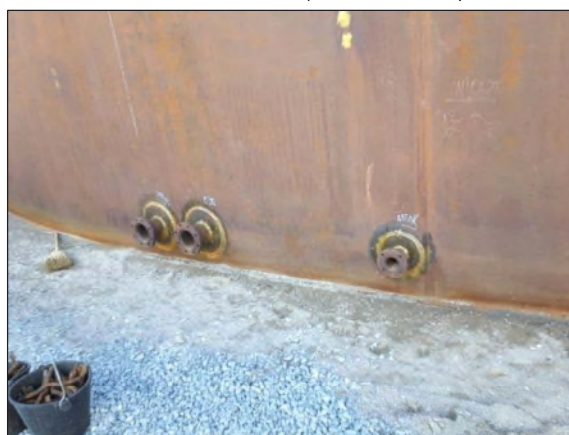
Nozzles 3 and 4 of 15 on Shell



Nozzle 5 of 15 on Shell (Manhole 90°)



Nozzles 6 and 7 (Manhole 180°)



Nozzle 8 of 15 (Manhole 270°)



Nozzles 9, 10 and 11 of 15



Nozzles 12 and 13 of 15

Nozzle 14 of 15

Techniciens :	Etienne Munger	Assistants:		Approuvé par :	Patrick Brodeur
Technicians :				Approved by :	Superviseur technique
	ASNT-TC-1A Level 2				
	CAN/CGSB 48.9712 MT Level 2		Qualification		CSA W178.2 niv.3

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Contractor :		N° dossier :	INS-118016-02
Endroit du travail :	Meliadine Gold Mine Nunavut	File no :	
Job location :		Commande :	295-1024
		Order :	



Nozzle 15 of 15 on Shell



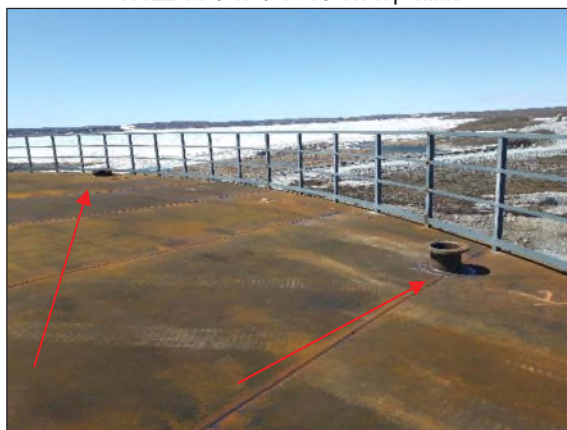
Nozzles 1, 2, of 13 on top tank



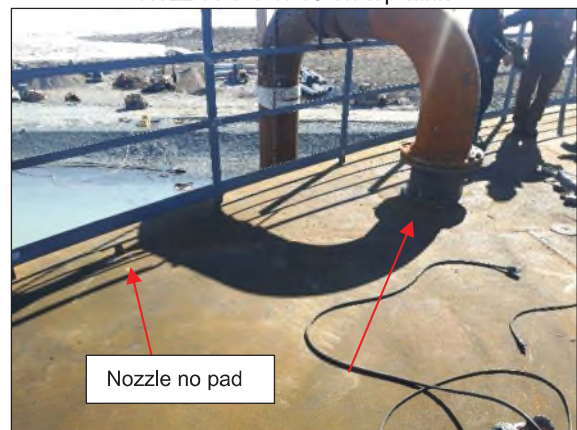
Nozzles 3 to 6 of 13 on top tank



Nozzles 7 o of 13 on top tank



Nozzles 8, 9 of 13 on top tankl

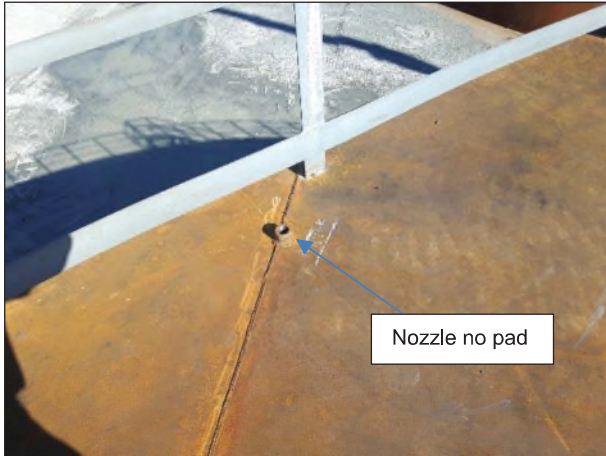


Nozzles 10, 11 of 13 on top tank

Techniciens :	Etienne Munger	Assistants:		Approuvé par :	Patrick Brodeur
Technicians :	ASNT-TC-1A Level 2 CAN/CGSB 48.9712 MT Level 2		Qualification	Approved by :	Superviseur technique
					CSA W178.2 niv.3

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Contractor :		N° dossier :	INS-118016-02
Endroit du travail :	Meliadine Gold Mine Nunavut	File no :	
Job location :		Commande :	295-1024
		Order :	



Nozzle 12 of 13 on top tank

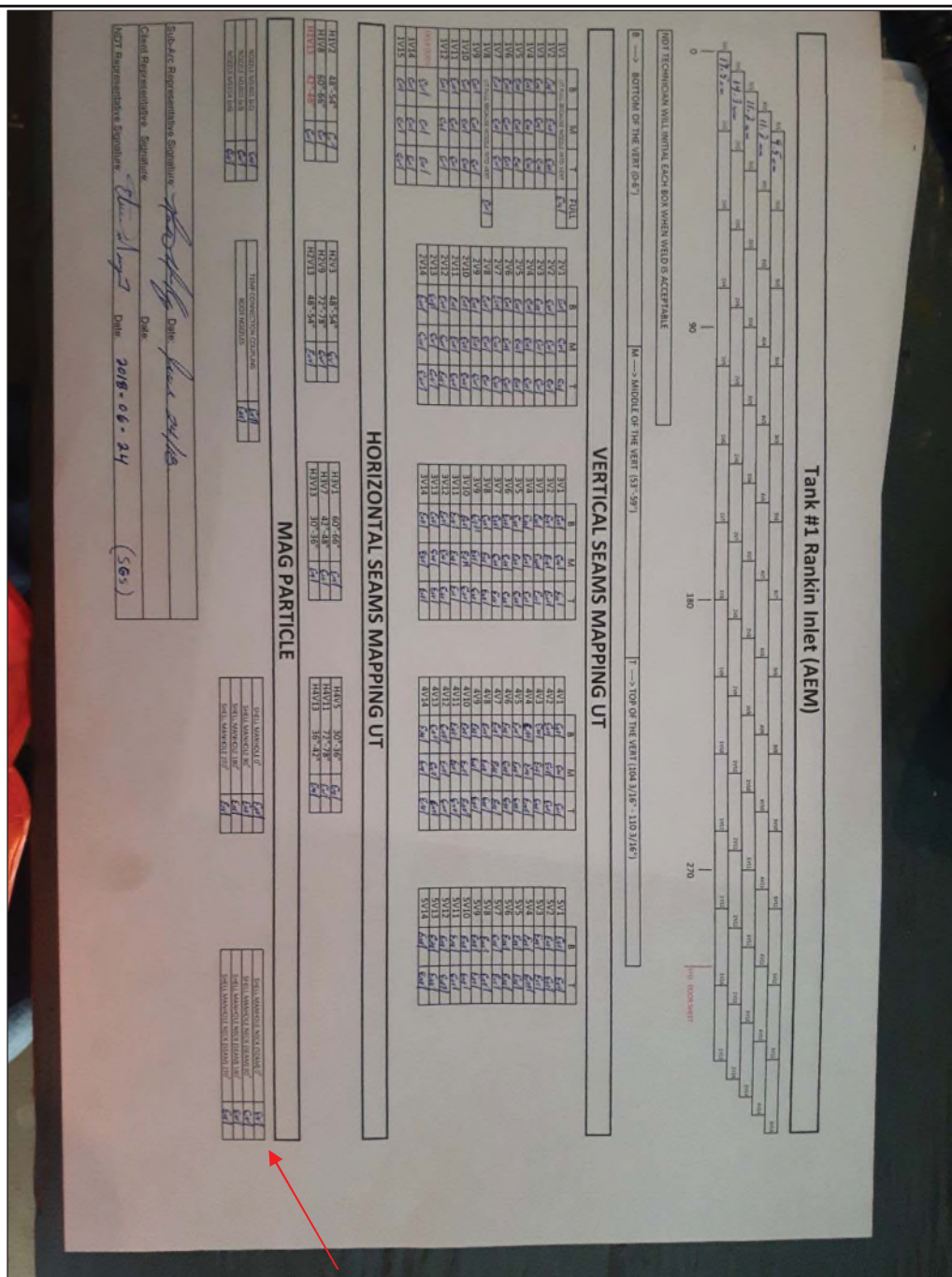


Nozzles 13 of 13 on top tank

Techniciens :	Etienne Munger	Assistants:		Approuvé par :	Patrick Brodeur
Technicians :				Approved by :	Superviseur technique
	ASNT-TC-1A Level 2		Qualification		CSA W178.2 niv.3
	CAN/CGSB 48.9712 MT Level 2				

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Client : Adresse/Address : Contact :	Inukshuk Construction Ltd, , PO Box 654 Rankin Inlet, Nunavut X0C 0G0 Marc Losier	Date d'intervention : Intervention date :	2018-06-19 to 24
		Date du rapport : Report date :	2018-06-27
Entrepreneur : Contractor :	tClient	N° dossier : File no :	INS-118016-02
Endroit du travail : Job location :	Meliadine Gold Mine Nunavut	Commande : Order :	295-1024



Magnetic particles mapping

Techniciens : Technicians :	Etienne Munger ASNT-TC-1A Level 2 CAN/CSB 48.9712 MT Level 2	Assistants: Qualification	Approuvé par : Approved by : Patrick Brodeur Superviseur technique CSA W178.2 niv.3
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Field Erected Fuel Storage Tank Handover Package

Item 16 – Internals

Contents

1. Welding Visual Report
2. NDT Report

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 (1/2)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s):

June 20/18

Tested by: MATT MACKENZIE

Ambient Conditions: 7°

Items Tested:

INTERNALS / PIPE SUPPORTS

Results:

NO DEFECTS WERE FOUND. ALL WELDING
ACCEPTABLESub-Arc Representative Signature: [Signature]

Date:

June 20/18

Client Representative

Signature: Clem Bonica

Date:

June 20/18

Client Signature: _____

Date: _____

Revision 1

March 1, 2017

Field Erected Fuel Storage Tank Handover Package

Item 17 – Externals

Contents

1. Welding Visual Report

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)	6 (3/8)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s): June 24/18

Tested by: MAT MCKERIE

Ambient Conditions: 5°

Items Tested:

Externals / Pipe Supports.

Results:

No Defects Were Found, All Welding Acceptable.Sub-Arc Representative Signature: Matthew Kelly Date: June 24/18Client Representative Signature: Chris Bonner Date: June 24/18

Client Signature: _____ Date: _____

Field Erected Fuel Storage Tank Handover Package

Item 18 – Stairs and Platforms

Contents

1. Visual Report

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)	2.6 (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): June 24/18

Tested by: Matt Mackenzie

Ambient Conditions: 5°

Items Tested:

STAIRS + PLATFORMS

Results:

NO DEFECTS WERE FOUND. ALL WELDING ACCEPTABLE.Sub-Arc Representative Signature: Matt Mackenzie Date: June 24/18Client Representative Signature: Clem Bonner Date: June 24/18

Client Signature: _____ Date: _____

Field Erected Fuel Storage Tank Handover Package

Item 19 – Bolts & Nuts

Contents

1. Hardware Schedule

Field Erected Fuel Storage Tank Handover Package

Item 20 – Final

Contents

1. Scan of Name Plate
2. Punch List
3. Data Sheet (Calibration of Tank)
4. Manufacturer's Certification

API STANDARD 650

APPENDIX	B, K, T	YEAR COMPLETED	2018
EDITION	TWELFTH	ADDENDUM NO.	2
NOMINAL DIAMETER	43m	NOMINAL HEIGHT	14M
MAXIMUM CAPACITY	20,000CUM	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.	295-1	PARTIAL STRESS RELIEF	-
		PURCHASER'S TANK NO.	65TNK11601
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

Exhibit 21a, Rev 1

QUALITY CONTROL MANUAL DEFICIENCY PUNCH LIST RECORD

Project: AEM, Rankin Inlet		Project No.: Inukshuk Construction -1	Tank Tag: Tk-1																
			Date: June 25, 2018																
Item No.	Drawing No.	Deficiency	Date Completed	Sign Off															
1		TORQUE SEQUENCE MANHOLES	June 27/18	m.m. CB															
2		COVER OPEN NOZZLES WITH BAYS	June 27/18	m.m. CB															
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Matthew MacKenzie</td> <td style="width: 30%; text-align: center;"></td> <td style="width: 40%; text-align: right;">June 27/18</td> </tr> <tr> <td>Sub-Arc Representative</td> <td style="text-align: center;">Signature</td> <td style="text-align: right;">Date:</td> </tr> <tr> <td colspan="3" style="height: 20px;"></td> </tr> <tr> <td>Clem Bonia</td> <td style="text-align: center;"></td> <td style="text-align: right;">June 27/18</td> </tr> <tr> <td>Agnico Eagle Representative</td> <td style="text-align: center;">Signature</td> <td style="text-align: right;">Date:</td> </tr> </table>					Matthew MacKenzie		June 27/18	Sub-Arc Representative	Signature	Date:				Clem Bonia		June 27/18	Agnico Eagle Representative	Signature	Date:
Matthew MacKenzie		June 27/18																	
Sub-Arc Representative	Signature	Date:																	
Clem Bonia		June 27/18																	
Agnico Eagle Representative	Signature	Date:																	

CAPACITIES GIVEN IN CUBIC METERS

GAUGE HEIGHT: 14.275 M

	1 M	mm	1 M	mm	1 M	mm	1 M	mm	1 M	mm	1 M	mm	1 M	mm	1 M	mm	1 M	mm	1 M	mm
0.000	1,390.602	0.100	1,535.652	0.200	1,680.702	0.300	1,825.752	0.400	1,970.802	0.500	2,115.821	0.600	2,260.816	0.700	2,405.810	0.800	2,550.805	0.900	2,695.800	
0.001	1,392.053	0.101	1,537.103	0.201	1,682.153	0.301	1,827.202	0.401	1,972.252	0.501	2,117.271	0.601	2,262.266	0.701	2,407.260	0.801	2,552.255	0.901	2,697.250	
0.002	1,393.503	0.102	1,538.553	0.202	1,683.603	0.302	1,828.253	0.402	1,973.303	0.502	2,118.271	0.602	2,263.316	0.702	2,408.260	0.802	2,553.305	0.902	2,698.250	
0.003	1,394.954	0.103	1,540.004	0.203	1,685.054	0.303	1,830.303	0.403	1,975.353	0.503	2,120.317	0.603	2,265.365	0.703	2,410.310	0.803	2,555.355	0.903	2,700.350	
0.004	1,396.404	0.104	1,541.454	0.204	1,686.504	0.304	1,831.354	0.404	1,976.604	0.504	2,121.621	0.604	2,266.615	0.704	2,411.610	0.804	2,556.605	0.904	2,701.600	
0.005	1,397.855	0.105	1,542.905	0.205	1,687.955	0.305	1,833.004	0.405	1,978.054	0.505	2,123.071	0.605	2,268.065	0.705	2,413.060	0.805	2,558.055	0.905	2,703.050	
0.006	1,399.305	0.106	1,544.355	0.206	1,689.405	0.306	1,834.455	0.406	1,979.505	0.506	2,124.521	0.606	2,269.515	0.706	2,414.510	0.806	2,559.505	0.906	2,704.500	
0.007	1,400.756	0.107	1,545.806	0.207	1,690.856	0.307	1,835.905	0.407	1,980.955	0.507	2,125.970	0.607	2,270.965	0.707	2,415.960	0.807	2,560.955	0.907	2,705.950	
0.008	1,402.206	0.108	1,547.256	0.208	1,692.306	0.308	1,837.356	0.408	1,982.406	0.508	2,127.420	0.608	2,272.415	0.708	2,417.410	0.808	2,562.405	0.908	2,707.399	
0.009	1,403.657	0.109	1,548.707	0.209	1,693.757	0.309	1,838.806	0.409	1,983.856	0.509	2,128.870	0.609	2,273.865	0.709	2,418.860	0.809	2,563.855	0.909	2,708.849	
0.010	1,405.107	0.110	1,550.157	0.210	1,695.207	0.310	1,840.257	0.410	1,985.307	0.510	2,130.320	0.610	2,275.315	0.710	2,420.310	0.810	2,565.305	0.910	2,710.299	
0.011	1,406.558	0.111	1,551.608	0.211	1,696.658	0.311	1,841.707	0.411	1,986.757	0.511	2,131.770	0.611	2,276.765	0.711	2,421.760	0.811	2,566.755	0.911	2,711.749	
0.012	1,408.008	0.112	1,553.058	0.212	1,698.108	0.312	1,843.158	0.412	1,988.208	0.512	2,133.220	0.612	2,278.215	0.712	2,423.210	0.812	2,568.204	0.912	2,713.199	
0.013	1,409.459	0.113	1,554.509	0.213	1,699.559	0.313	1,844.608	0.413	1,989.658	0.513	2,134.670	0.613	2,279.665	0.713	2,424.660	0.813	2,569.654	0.913	2,714.649	
0.014	1,410.909	0.114	1,555.959	0.214	1,701.009	0.314	1,846.059	0.414	1,991.109	0.514	2,136.120	0.614	2,281.115	0.714	2,426.110	0.814	2,571.104	0.914	2,716.099	
0.015	1,412.360	0.115	1,557.410	0.215	1,702.460	0.315	1,847.509	0.415	1,992.559	0.515	2,137.570	0.615	2,282.565	0.715	2,427.560	0.815	2,572.554	0.915	2,717.549	
0.016	1,413.810	0.116	1,558.860	0.216	1,703.910	0.316	1,848.960	0.416	1,994.010	0.516	2,139.020	0.616	2,284.015	0.716	2,429.010	0.816	2,574.004	0.916	2,718.999	
0.017	1,415.261	0.117	1,560.311	0.217	1,705.361	0.317	1,850.410	0.417	1,995.460	0.517	2,140.470	0.617	2,285.465	0.717	2,430.459	0.817	2,575.454	0.917	2,720.449	
0.018	1,416.711	0.118	1,561.761	0.218	1,706.811	0.318	1,851.861	0.418	1,996.911	0.518	2,141.920	0.618	2,286.915	0.718	2,431.909	0.818	2,576.904	0.918	2,721.899	
0.019	1,418.162	0.119	1,563.212	0.219	1,708.262	0.319	1,853.311	0.419	1,998.361	0.519	2,143.370	0.619	2,288.365	0.719	2,433.359	0.819	2,578.354	0.919	2,723.349	
0.020	1,419.612	0.120	1,564.662	0.220	1,709.712	0.320	1,854.762	0.420	1,999.812	0.520	2,144.820	0.620	2,289.815	0.720	2,434.809	0.820	2,579.804	0.920	2,724.799	
0.021	1,421.063	0.121	1,566.113	0.221	1,711.163	0.321	1,856.212	0.421	2,001.262	0.521	2,146.270	0.621	2,291.265	0.721	2,436.259	0.821	2,581.254	0.921	2,726.249	
0.022	1,422.513	0.122	1,567.563	0.222	1,712.613	0.322	1,857.663	0.422	2,002.713	0.522	2,147.720	0.622	2,292.714	0.722	2,437.709	0.822	2,582.704	0.922	2,727.699	
0.023	1,423.964	0.123	1,569.014	0.223	1,714.064	0.323	1,859.113	0.423	2,004.163	0.523	2,149.170	0.623	2,294.164	0.723	2,439.159	0.823	2,584.154	0.923	2,729.149	
0.024	1,425.414	0.124	1,570.464	0.224	1,715.514	0.324	1,860.564	0.424	2,005.614	0.524	2,150.620	0.624	2,295.614	0.724	2,440.609	0.824	2,585.604	0.924	2,730.599	
0.025	1,426.865	0.125	1,571.915	0.225	1,716.965	0.325	1,862.014	0.425	2,007.064	0.525	2,152.070	0.625	2,297.064	0.725	2,442.059	0.825	2,587.054	0.925	2,732.049	
0.026	1,428.315	0.126	1,573.365	0.226	1,718.415	0.326	1,863.465	0.426	2,008.515	0.526	2,153.520	0.626	2,298.514	0.726	2,443.509	0.826	2,588.504	0.926	2,733.499	
0.027	1,429.766	0.127	1,574.816	0.227	1,719.866	0.327	1,864.915	0.427	2,009.965	0.527	2,154.969	0.627	2,299.964	0.727	2,444.959	0.827	2,589.954	0.927	2,734.949	
0.028	1,431.216	0.128	1,576.266	0.228	1,721.316	0.328	1,866.366	0.428	2,011.416	0.528	2,156.419	0.628	2,301.414	0.728	2,446.409	0.828	2,591.404	0.928	2,736.398	
0.029	1,432.667	0.129	1,577.717	0.229	1,722.767	0.329	1,867.816	0.429	2,012.866	0.529	2,157.869	0.629	2,302.864	0.729	2,447.859	0.829	2,592.854	0.929	2,737.848	
0.030	1,434.117	0.130	1,579.167	0.230	1,724.217	0.330	1,869.267	0.430	2,014.317	0.530	2,159.319	0.630	2,304.314	0.730	2,449.309	0.830	2,594.304	0.930	2,739.298	
0.031	1,435.568	0.131	1,580.618	0.231	1,725.668	0.331	1,870.717	0.431	2,015.767	0.531	2,160.769	0.631	2,305.764	0.731	2,450.759	0.831	2,595.753	0.931	2,740.748	
0.032	1,437.018	0.132	1,582.068	0.232	1,727.118	0.332	1,872.168	0.432	2,017.218	0.532	2,162.219	0.632	2,307.214	0.732	2,452.209	0.832	2,597.203	0.932	2,742.198	
0.033	1,438.469	0.133	1,583.519	0.233	1,728.569	0.333	1,873.618	0.433	2,018.668	0.533	2,163.669	0.633	2,308.664	0.733	2,453.659	0.833	2,598.653	0.933	2,743.648	
0.034	1,439.919	0.134	1,584.969	0.234	1,730.019	0.334	1,875.069	0.434	2,020.119	0.534	2,165.119	0.634	2,310.114	0.734	2,455.109	0.834	2,600.103	0.934	2,745.098	
0.035	1,441.370	0.135	1,586.420	0.235	1,731.470	0.335	1,876.519	0.435	2,021.569	0.535	2,166.569	0.635	2,311.564	0.735	2,456.559	0.835	2,601.553	0.935	2,746.548	
0.036	1,442.820	0.136	1,587.870	0.236	1,732.920	0.336	1,877.970	0.436	2,023.020	0.536	2,168.019	0.636	2,313.014	0.736	2,458.008	0.836	2,603.003	0.936	2,747.998	
0.037	1,444.271	0.137	1,589.321	0.237	1,734.371	0.337	1,879.420	0.437	2,024.470	0.537	2,169.469	0.637	2,314.464	0.737	2,459.458	0.837	2,604.453	0.937	2,749.448	
0.038	1,445.721	0.138	1,590.771	0.238	1,735.821	0.338	1,880.871	0.438	2,025.921	0.538	2,170.919	0.638	2,315.914	0.738	2,460.908	0.838	2,605.903	0.938	2,750.898	
0.039	1,447.172	0.139	1,592.222	0.239	1,737.272	0.339	1,882.321	0.439	2,027.371	0.539	2,172.369	0.639	2,317.364	0.739	2,462.358	0.839	2,607.353	0.939	2,752.348	
0.040	1,448.622	0.140	1,593.672	0.240	1,738.722	0.340	1,883.772	0.440	2,028.822	0.540	2,173.819	0.640	2,318.814	0.740	2,463.808	0.840	2,608.803	0.940	2,753.798	
0.041	1,450.073	0.141	1,595.123	0.241	1,740.173	0.341	1,885.222	0.441	2,030.272	0.541	2,175.269	0.641	2,320.263	0.741	2,465.258	0.841	2,610.253	0.941	2,755.248	
0.042	1,451.523	0.142	1,596.573	0.242	1,741.623	0.342	1,886.673	0.442	2,031.723	0.542	2,176.719	0.642	2,321.713	0.742	2,466.708	0.842	2,611.703	0.942	2,756.698	
0.043	1,452.974	0.143	1,598.024	0.243	1,743.074	0.343	1,888.123	0.443	2,033.173	0.543	2,178.169	0.643	2,323.163	0.743	2,468.158	0.843	2,613.153	0.943	2,758.148	
0.044	1,454.424	0.144	1,599.474	0.244	1,744.524	0.344	1,889.574	0.444	2,034.624	0.544	2,179.619	0.644	2,324.613	0.744	2,469.608	0.844	2,614.603	0.944	2,759.598	
0.045	1,455.875	0.145	1,600.925	0.245	1,745.975	0.345	1,891.024	0.445	2,036.074	0.545	2,181.069	0.645	2,326.063	0.745	2,471.058	0.845	2,616.053	0.945	2,761.048	
0.046	1,457.325	0.146	1,602.375	0.246	1,747.425	0.346	1,892.475	0.446	2,037.524	0.546	2,182.519	0.646	2,327.513	0.746	2,472.508	0.846	2,617.503	0.946	2,762.497	
0.047	1,458.776	0.147	1,603.826	0.247	1,748.876	0.347	1,893.925	0.447	2,038.974	0.547	2,183.968	0.647	2,328.963	0.747	2,473.958	0.847	2,618.953	0.947	2,763.947	
0.048	1,460.226	0.148	1,605.276	0.248	1,750.326	0.348	1,895.376	0.448	2,040.424	0.548	2,185.418	0.648	2,330.413	0.748	2,475.408</					