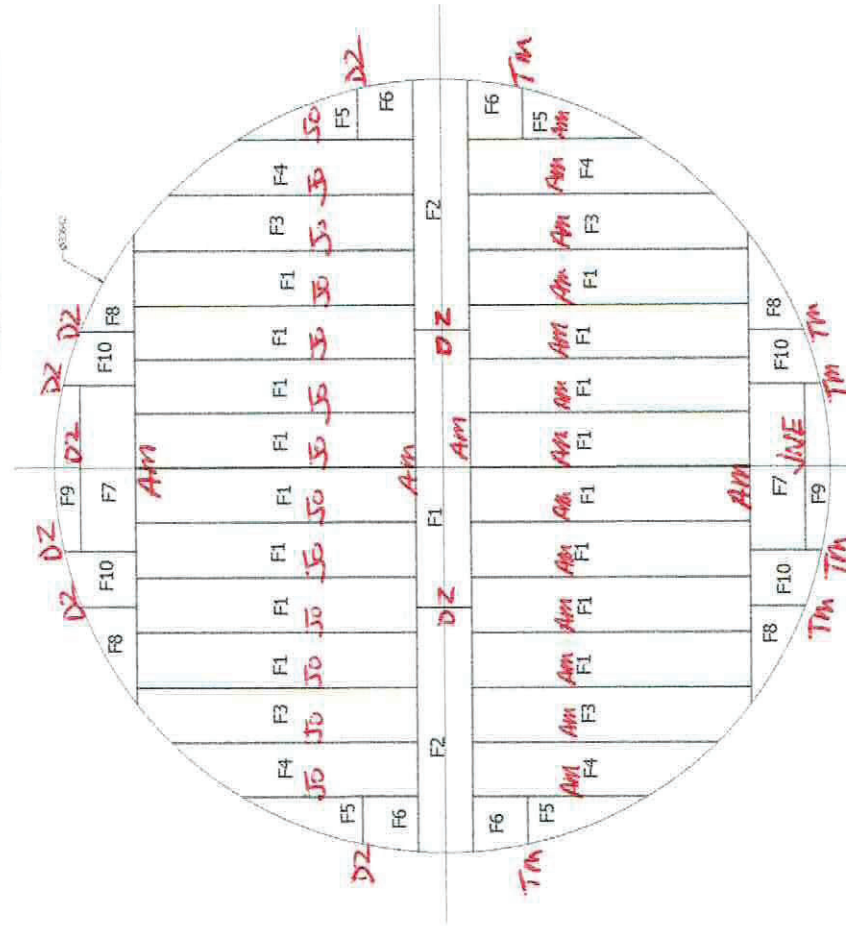


ITEM	QTY	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL PRICE
F1	17	17.5 x 8.5 x 1.0	sqm	142.75	15.12	2158.88
F2	2	17.5 x 8.5 x 1.0	sqm	17.5	15.12	264.60
F3	4	17.5 x 8.5 x 1.0	sqm	35.0	15.12	529.20
F4	4	17.5 x 8.5 x 1.0	sqm	35.0	15.12	529.20
F5	4	17.5 x 8.5 x 1.0	sqm	35.0	15.12	529.20
F6	4	17.5 x 8.5 x 1.0	sqm	35.0	15.12	529.20
F7	2	17.5 x 8.5 x 1.0	sqm	17.5	15.12	264.60
F8	4	17.5 x 8.5 x 1.0	sqm	35.0	15.12	529.20
F9	4	17.5 x 8.5 x 1.0	sqm	35.0	15.12	529.20
F10	4	17.5 x 8.5 x 1.0	sqm	35.0	15.12	529.20
TOTAL					1742.00	26484.00

TOTAL: 26484.00



FLOOR LAYOUT  
SCALE 1/100

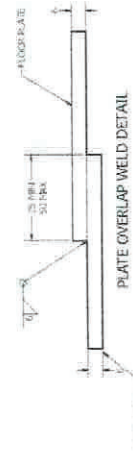


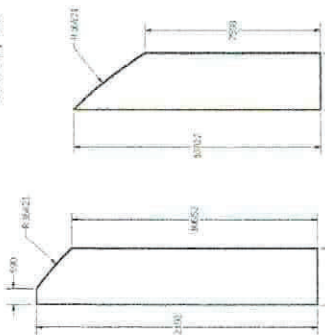
PLATE OVERLAP WELD DETAIL



F1  
QTY: 17  
SCALE 1/100



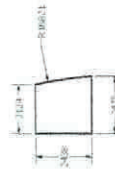
F2  
QTY: 2  
SCALE 1/100



F3  
QTY: 4  
SCALE 1/100



F4  
QTY: 4  
SCALE 1/100



F5  
QTY: 4  
SCALE 1/100



F6  
QTY: 4  
SCALE 1/100



F7  
QTY: 2  
SCALE 1/100



F8  
QTY: 4  
SCALE 1/100



F9  
QTY: 2  
SCALE 1/100



F10  
QTY: 4  
SCALE 1/100

PROJECT	BAKER LAKE WHALE TAIL PROJECT
DATE	16-Feb-2019
DESIGNER	315-M1
CHECKER	315-M1
APPROVER	315-M1
SCALE	1/100
REVISION	1

FLOOR LAYOUT

BAKER LAKE WHALE TAIL PROJECT FLOOR  
AND ROOF LAYOUT FOR 10,000CUM TANK

# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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): August 17/19

Tested by: MAT MACKENZIE

Ambient Conditions: 10°

Items Tested:

Floor welds.

Results:

No defects were found. All welding acceptable

STS Representative Signature: [Signature] Date: Aug 17/19

Client Representative Signature: [Signature] Date: Aug 20/19

## QUALITY CONTROL MANUAL

Exhibit 14, Rev 1

### VACUUM BOX TEST REPORT – FLOOR PLATE WELDS

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TANK 7

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(A vacuum box/soap solution test for floor plate weld seams is required for new construction or major alterations, no visible leaks should be observed)

Test Solution: Water / Snoop

Ambient Conditions: 10°

Test Date(s): August 17/19

Surface Condition: Clean

Tested by: Matt MacKenzie

Surface Test Temperature:

Pressure Gauge:

Items Tested:

Floor plates \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Results:

No leak detected \_\_\_\_\_  
\_\_\_\_\_

STS Representative Signature: [Signature] Date: Aug 17/19

Client Representative Signature: [Signature] Date: Aug 20/19



05-414

1





# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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): August 16/19

Tested by: Matt Mackenzie

Ambient Conditions: 10°

Items Tested: Shell to floor weld

Initial weld pass

Results:

No defects were found. All welding acceptable

STS Representative Signature: Mark H. Kopp Date: August 16/19

Client Representative Signature: Bruno J Date: August 20/19

# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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 29/19

Tested by: MATT MARKENZIE

Ambient Conditions: 10°

Items Tested: Shell to floor weld

Final weld pass

Results:

No defects were found. All welding acceptable

STS Representative Signature: [Signature]

Date: Aug 29/19

Client Representative Signature: [Signature]

Date: Sept 3, 2019

**QUALITY CONTROL MANUAL**

Exhibit 24, Rev 1

**DIESEL TEST REPORT (SHELL TO BOTTOM WELD)**

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: STORAGE TANK

Equipment Description:

Code Requiring Test: API 650 (section 7.2.4)

Reason for Test: New Construction

(The initial weld pass inside the shell shall have all slag and non-metals removed from the surface of the weld and then examined for its entire circumference both visually and applying a high Flash-point penetrating oil such as light diesel to the gap between the shell and the bottom, letting stand for at least four hours, and examining the weld for evidence of wicking.)

Surface Condition (As Welded)

Test Solution: Diesel

Test Date(s): August 17/19Tested by: MATT MACKENZIEAmbient Conditions: 10°

Items Tested:

Shell to bottom seam weld  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Results:

No leaks detected at the time of the examination  
\_\_\_\_\_  
\_\_\_\_\_STS Representative Signature: [Signature] Date: August 17/19Client Representative Signature: [Signature] Date: August 20/19



**QUALITY CONTROL MANUAL**

Exhibit 18, Rev 1

**DIMENSIONAL CHECK REPORT – ROUNDNESS**

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: DIESEL STORAGE TANK

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(The tank shell will be checked for roundness at 12" above the tank floor. Roundness will be checked at 45 degree intervals or less, max. 20' spacing)

Test Date(s): August 8/19Tested by: Matt MacKenzie

Seam Test Results:

Roundness checks were acceptable

STS Representative Signature:



Date:

August 8/19

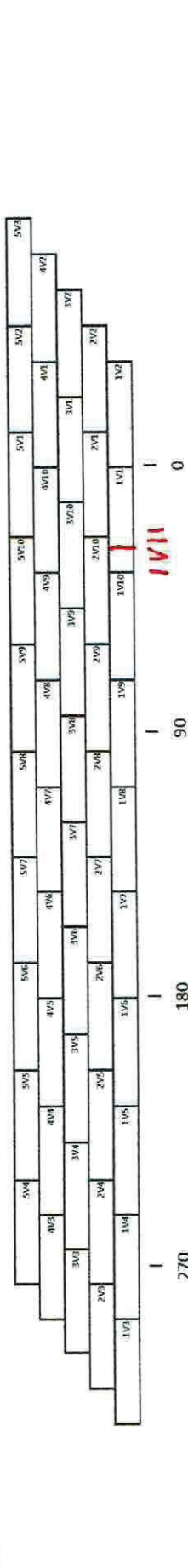
Client Representative Signature:



Date:

August 8/19

**Tank #7 Baker Lake (AEM)**



VERTS (Welder ID)

	IN	OUT
1V1	DZ	DZ
1V2	TMO	TMO
1V3	JO	JO
1V4	DZ	JO
1V5	JNE	JNE
1V6	DMO	DMO
1V7	JO	JNE
1V8	TMO	CJ
1V9	DZ	DZ
1V10	DZ	DZ
IV11	JNE	JNE

	IN	OUT
2V1	JNE	JNE
2V2	JNE	JNE
2V3	JNE	JNE
2V4	DZ	DZ
2V5	DMO	DMO
2V6	DMO	TMO
2V7	DMO	DMO
2V8	CJ	CJ
2V9	CJ	CJ
2V10	CJ	CJ

	IN	OUT
3V1	CJ	CJ
3V2	JNE	JNE
3V3	JNE	JNE
3V4	JNE	JNE
3V5	DZ	DZ
3V6	DMO	DMO
3V7	DMO	DMO
3V8	DMO	DMO
3V9	CJ	CJ
3V10	CJ	CJ

	IN	OUT
4V1	CJ	CJ
4V2	JNE	JNE
4V3	JNE	JNE
4V4	JNE	JNE
4V5	DZ	DZ
4V6	DMO	DMO
4V7	DMO	DMO
4V8	DMO	DMO
4V9	CJ	CJ
4V10	CJ	CJ

	IN	OUT
5V1	DZ	DZ
5V2	DZ	DZ
5V3	JO	JNE
5V4	JO	JNE
5V5	JO	JNE
5V6	DZ	DZ
5V7	TMO	TMO
5V8	TMO	TMO
5V9	TMO	CJ
5V10	DZ	CJ

HORIZONTAL (Welder ID)
------------------------

	IN	OUT
H1	mm	Jo
H2	mm	Jo
H3	mm	Jo
H4	mm	Jo

**PLATES IDENTIFICATION (heat numbers)**

Heat Number		Heat Number		Heat Number		Heat Number	
1V1		2V1		3V1		4V1	5V1
1V2		2V2		3V2		4V2	5V2
1V3		2V3		3V3		4V3	5V3
1V4		2V4		3V4		4V4	5V4
1V5		2V5		3V5		4V5	5V5
1V6		2V6		3V6		4V6	5V6
1V7		2V7		3V7		4V7	5V7
1V8		2V8		3V8		4V8	5V8
1V9		2V9		3V9		4V9	5V9
1V10		2V10		3V10		4V10	5V10

# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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)	3 (3/16)
> 25 (1)	3 (3/16)	3 (1/4)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s): Sept 2/19

Tested by: Matt MacKenzie

Ambient Conditions: 7°

Items Tested:

SR1 VERTICALS

Results:

No defects were found. All welding acceptable

STS Representative Signature: [Signature] Date: Sept 2/19

Client Representative Signature: [Signature] Date: Sept 3/19



# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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): August 10/19

Tested by: Matt MacKenzie

Ambient Conditions: 12°

Items Tested:

SR2 VERTICALS AND FIRST HORIZONTAL

Results:

No defects were found. All welding acceptable

STS Representative Signature: [Signature] Date: August 10/19

Client Representative Signature: [Signature] Date: August 20/19

# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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 (5/16)	8 (1/2)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s): August 12/19

Tested by: Matt Mackenzie

Ambient Conditions: 10°

Items Tested:

SR3 VERTICALS AND SECOND HORIZONTAL

Results:

No defects were found. All welding acceptable

STS Representative Signature: [Signature] Date: August 12/19

Client Representative Signature: [Signature] Date: August 20/19

# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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): August 14/19

Tested by: MATT MACKENZIE

Ambient Conditions: 10°

Items Tested:

SR4 VERTICALS AND THIRD HORIZONTAL

Results:

No defects were found. All welding acceptable

STS Representative Signature: [Signature] Date: August 14/19

Client Representative Signature: [Signature] Date: August 20/19



# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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): AUGUST 17/19

Tested by: MATT MACKENZIE

Ambient Conditions: 10°

Items Tested:

SR5 VERTICALS AND FOURTH HORIZONTAL

Results:

No defects were found. All welding acceptable

STS Representative Signature: [Signature] Date: August 17/19

Client Representative Signature: Bruno Ry Date: August 20/19

## QUALITY CONTROL MANUAL

Exhibit 16, Rev 1

### DIMENSIONAL CHECK REPORT – PEAKING

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: DIESEL STORAGE TANK

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(Each vertical seam will be checked for peaking and max. peak dimension recorded for that seam.)

Test Date(s):

Tested by:

Seam Test Results:

1V1- <u>0</u>	1V2- <u>1/16</u>	1V3- <u>1/16</u>	1V4- <u>1/4</u>	1V5- <u>0</u>
1V6- <u>0</u>	1V7- <u>1/4</u>	1V8- <u>1/16</u>	1V9- <u>0</u>	1V10- <u>1/16</u>
				1V11- <u>1/16</u>

STS Representative Signature: [Signature] Date: Sept 2/19

Client Representative Signature: [Signature] Date: Sept 3/19

# QUALITY CONTROL MANUAL

Exhibit 17, Rev 1

## DIMENSIONAL CHECK REPORT – BANDING

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: DIESEL STORAGE TANK

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(Each circumferential seam will be checked for banding and max. banding dimension recorded for that seam. Circumferential seams will be checked at 45 degree intervals or less, max. 20' spacing)

Test Date(s): AUGUST 10/19

Tested by: MATT MACKENZIE

Seam Test Results:

MAXIMUM BANDING RECORDED FOR THE FIRST HORIZONTAL - 3/8"

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

STS Representative Signature: [Signature] Date: AUG 10/19

Client Representative Signature: [Signature] Date: AUG 20/19



# QUALITY CONTROL MANUAL

Exhibit 16, Rev 1

## DIMENSIONAL CHECK REPORT – PEAKING

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: DIESEL STORAGE TANK

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(Each vertical seam will be checked for peaking and max. peak dimension recorded for that seam.)

Test Date(s): AUGUST 12/19

Tested by: MATT MACKENZIE

Seam Test Results:

2V1- <u>1/16</u>	2V2- <u>1/16</u>	2V3- <u>1/8</u>	2V4- <u>0</u>	2V5- <u>1/16</u>
2V6- <u>0</u>	2V7- <u>0</u>	2V8- <u>1/16</u>	2V9- <u>3/16</u>	2V10- <u>1/4</u>

STS Representative Signature: [Signature] Date: Aug 12/19.

Client Representative Signature: [Signature] Date: Aug 20/19

**QUALITY CONTROL MANUAL**

Exhibit 17, Rev 1

**DIMENSIONAL CHECK REPORT – BANDING**

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: DIESEL STORAGE TANK

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(Each circumferential seam will be checked for banding and max. banding dimension recorded for that seam. Circumferential seams will be checked at 45 degree intervals or less, max. 20' spacing)

Test Date(s): AUGUST 12/19Tested by: MATT MACKENZIE

Seam Test Results:

MAXIMUM BANDING RECORDED FOR THE SECOND HORIZONTAL -  $\frac{1}{4}"$ STS Representative Signature:  Date: AUG 12/19Client Representative Signature:  Date: AUG 20/19

# QUALITY CONTROL MANUAL

Exhibit 16, Rev 1

## DIMENSIONAL CHECK REPORT – PEAKING

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: DIESEL STORAGE TANK

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(Each vertical seam will be checked for peaking and max. peak dimension recorded for that seam.)

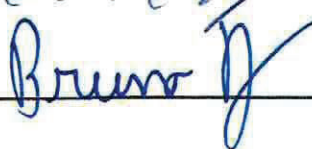
Test Date(s): AUGUST 13/19

Tested by: MATT MACKENZIE

Seam Test Results:

3V1- <u>1/8</u>	3V2- <u>1/16</u>	3V3- <u>1/8</u>	3V4- <u>3/16</u>	3V5- <u>1/16</u>
3V6- <u>1/8</u>	3V7- <u>0</u>	3V8- <u>3/16</u>	3V9- <u>0</u>	3V10- <u>0</u>

STS Representative Signature:  Date: AUG 13/19

Client Representative Signature:  Date: AUG 20/19



**QUALITY CONTROL MANUAL**

Exhibit 17, Rev 1

**DIMENSIONAL CHECK REPORT – BANDING**

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: DIESEL STORAGE TANK

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(Each circumferential seam will be checked for banding and max. banding dimension recorded for that seam. Circumferential seams will be checked at 45 degree intervals or less, max. 20' spacing)

Test Date(s): August 13/19Tested by: MATT MACKENZIE

Seam Test Results:

MAXIMUM BANDING RECORDED FOR THE THIRD HORIZONTAL -  $\frac{1}{4}$ "STS Representative Signature: [Signature] Date: August 13/19Client Representative Signature: Bruno Rj Date: August 20/19

# QUALITY CONTROL MANUAL

Exhibit 16, Rev 1

## DIMENSIONAL CHECK REPORT – PEAKING

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: DIESEL STORAGE TANK

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(Each vertical seam will be checked for peaking and max. peak dimension recorded for that seam.)

Test Date(s): AUGUST 14/19

Tested by: MATT MACKENZIE

Seam Test Results:

4V1- <u>3/16</u>	4V2- <u>1/8</u>	4V3- <u>Ø</u>	4V4- <u>1/16</u>	4V5- <u>1/8</u>
4V6- <u>1/8</u>	4V7- <u>Ø</u>	4V8- <u>3/16</u>	4V9- <u>Ø</u>	4V10- <u>1/4</u>

STS Representative Signature: [Signature] Date: AUGUST 14/19

Client Representative Signature: [Signature] Date: AUGUST 20/19

## QUALITY CONTROL MANUAL

Exhibit 17, Rev 1

### DIMENSIONAL CHECK REPORT – BANDING

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: DIESEL STORAGE TANK

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(Each circumferential seam will be checked for banding and max. banding dimension recorded for that seam. Circumferential seams will be checked at 45 degree intervals or less, max. 20' spacing)

Test Date(s): AUGUST 14/19

Tested by: MATT MACKENZIE

Seam Test Results:

MAXIMUM BANDING RECORDED FOR THE FOURTH HORIZONTAL - 1/4"

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

STS Representative Signature: [Signature] Date: AUGUST 14/19

Client Representative Signature: [Signature] Date: AUGUST 20/19



# QUALITY CONTROL MANUAL

Exhibit 16, Rev 1

## DIMENSIONAL CHECK REPORT – PEAKING

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: DIESEL STORAGE TANK

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(Each vertical seam will be checked for peaking and max. peak dimension recorded for that seam.)

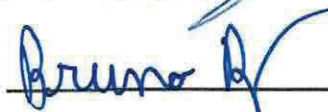
Test Date(s): AUGUST 17/19

Tested by: MATT MACKENZIE

Seam Test Results:

5V1- <u>1/16</u>	5V2- <u>1/16</u>	5V3- <u>1/8</u>	5V4- <u>1/8</u>	5V5- <u>1/8</u>
5V6- <u>1/8</u>	5V7- <u>1/8</u>	5V8- <u>1/16</u>	5V9- <u>1/16</u>	5V10- <u>0</u>

STS Representative Signature:  Date: AUGUST 17/19

Client Representative Signature:  Date: AUGUST 20/19



## QUALITY CONTROL MANUAL

Exhibit 25, Rev 1

## DIESEL TEST REPORT (SHELL)

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: STORAGE TANK

Equipment Description

Code Requiring Test: API 650 (section 7.3.5)

Reason for Test: New Construction

(The shell shall be tested by painting all of the joints on the inside with a highly penetrating oil and carefully examining the outside of the joints for leakage.)

Surface Condition (As Welded)

Test Solution: Diesel

Test Date(s): Sept 2/19

Tested by: Matt MacKenzie

Ambient Conditions: 70

Items Tested:

SR1, SR2, SR3, SR4, SR5 VERTS AND FIRST SECOND THIRD AND FORTHHORIZONTAL

Results:

NO LEAK DETECTEDSTS Representative Signature: [Signature] Date: Sept 2/19Client Representative Signature: [Signature] Date: Sept 3/19

# QUALITY CONTROL MANUAL

Exhibit 19, Rev 1

## DIMENSIONAL CHECK REPORT – PLUMBNESS

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: DIESEL STORAGE TANK

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): August 29/19

Tested by: MATT MACKENZIE

Seam Test Results:

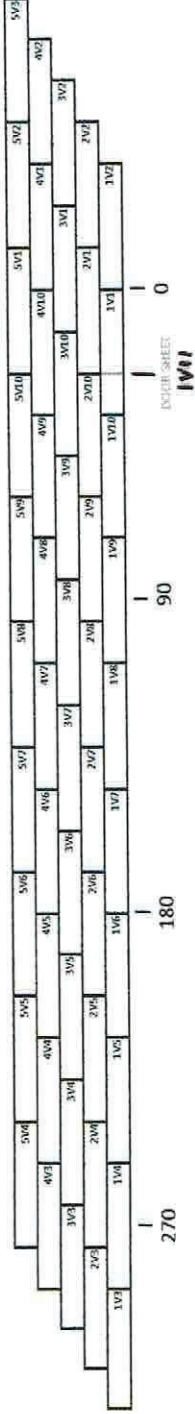
0°-90°	- 7/16	- 1 1/2	- 1 5/16	- 3/8	- 3/8
90°-180°	- 3/8	- 1 1/4	- 1 7/8	+ 1/2	+ 3/16
180°-270°	+ 2 1/8	- 7/8	- 1 7/8	- 1 1/16	- 1 5/8
270°-0°	- 1 5/8	- 1 7/8	- 1 1/16	- 1 5/8	- 3/4

STS Representative Signature: [Signature] Date: Aug 29/19

Client Representative Signature: [Signature] Date: Sept 3, 19



# Tank #7 Baker Lake (AEM)



NDT TECHNICIAN WILL INITIAL EACH BOX WHEN WELD IS ACCEPTABLE

B ---> BOTTOM OF THE VERT (0-6") M ---> MIDDLE OF THE VERT (45"-51") T ---> TOP OF THE VERT (90"-96")

## VERTICAL SEAMS MAPPING UT

	B	M	T	FULL
1V1	UT FULL BECAUSE NOZZLE INTO VERT			
1V2				
1V3				
1V4				
1V5				
1V6	UT FULL BECAUSE NOZZLE INTO VERT			
1V7				
1V8				
1V9				
1V10				
1V11				

	B	T
2V1		
2V2		
2V3		
2V4		
2V5		
2V6		
2V7		
2V8		
2V9		
2V10		

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

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

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

## HORIZONTAL SEAMS MAPPING UT

H1V2	30"-36"	
H1V8	42"-48"	
Middle door sheet		

H2V3	24"-30"	
H2V9	36"-42"	

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

H4V5	24"-30"	
H4V9	36"-42"	

## MAG PARTICLE

SHELL MANHOLE 0"	
SHELL MANHOLE 90"	
SHELL MANHOLE 180"	
SHELL MANHOLE 270"	

SHELL MANHOLE NECK (SEAM) 0"	
SHELL MANHOLE NECK (SEAM) 90"	
SHELL MANHOLE NECK (SEAM) 180"	
SHELL MANHOLE NECK (SEAM) 270"	

NOZZLE SN3 (x1)	
NOZZLE SN4 (x1)	
NOZZLE SN5 (x2)	
NOZZLE SN6 (x6)	

STS Representative Signature: *[Signature]* Date: *Sept 2/19*

Client Representative Signature: *[Signature]* Date: *Sept 2/19*

NDT Representative Signature: *[Signature]* Date: *2019-09-02*

MICHAEL LARIVIERE  
CGSB 43.412 MT-PT-UT  
LEVEL II INSPECTOR  
CERT# 12977





# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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)	6 (3/16)
> 25 (1)	5 (5/16)	6 (1/4)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s): August 19/19

Tested by: MATT MACKENZIE

Ambient Conditions: 10°

Items Tested:

COMPRESSION RING WELD

Results:

NO DEFECTS WERE FOUND. ALL WELDING ACCEPTABLE

STS Representative Signature: [Signature] Date: Aug 19/19

Client Representative Signature: [Signature] Date: August 20/19



# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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 25/19

Tested by: MATI MACKENZIE

Ambient Conditions: 12°

Items Tested:

ROOF WELDS

Results:

NO DEFECTS WERE FOUND. ALL WELDING ACCEPTABLE

STS Representative Signature: [Signature] Date: Aug 25/19

Client Representative Signature: [Signature] Date: Aug 28/19

## QUALITY CONTROL MANUAL

Exhibit 15, Rev 1

### VACUUM BOX TEST REPORT – ROOF PLATE WELDS

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TANK 7

Equipment Type:

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(A vacuum box/soap solution test for roof plate weld seams is required for new construction or major alterations, no visible leaks should be observed)

Test Solution: Water / Snoop

Ambient Conditions: 10°

Test Date(s): AUGUST 28/19

Surface Condition: CLEAN

Tested by: MATT MACKENZIE

Surface Test Temperature:

Pressure Gauge:

Items Tested:

ROOF PLATES WELDS

Results:

NO LEAK DETECTED

STS Representative Signature: [Signature] Date: Aug 28/19

Client Representative Signature: [Signature] Date: Sept 7, 19

## QUALITY CONTROL MANUAL

Exhibit 19, Rev 1

### DIMENSIONAL CHECK REPORT – PLUMBNESS

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: DIESEL STORAGE TANK

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 26/19

Tested by: MATT MACKENZIE

Test Results:

The Maximum out of plumbness of the columns does not exceed 1/200 of the total  
height

STS Representative Signature: [Signature] Date: Aug 26/19

Client Representative Signature: [Signature] Date: Aug 26/19



# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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)	6 (3/16)
> 25 (1)	6 (5/16)	6 (1/2)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s): Aug 26/19

Tested by: MATT MACKENZIE

Ambient Conditions: 12°

Items Tested:

ROOF STRUCTURE FIELD WELDS.

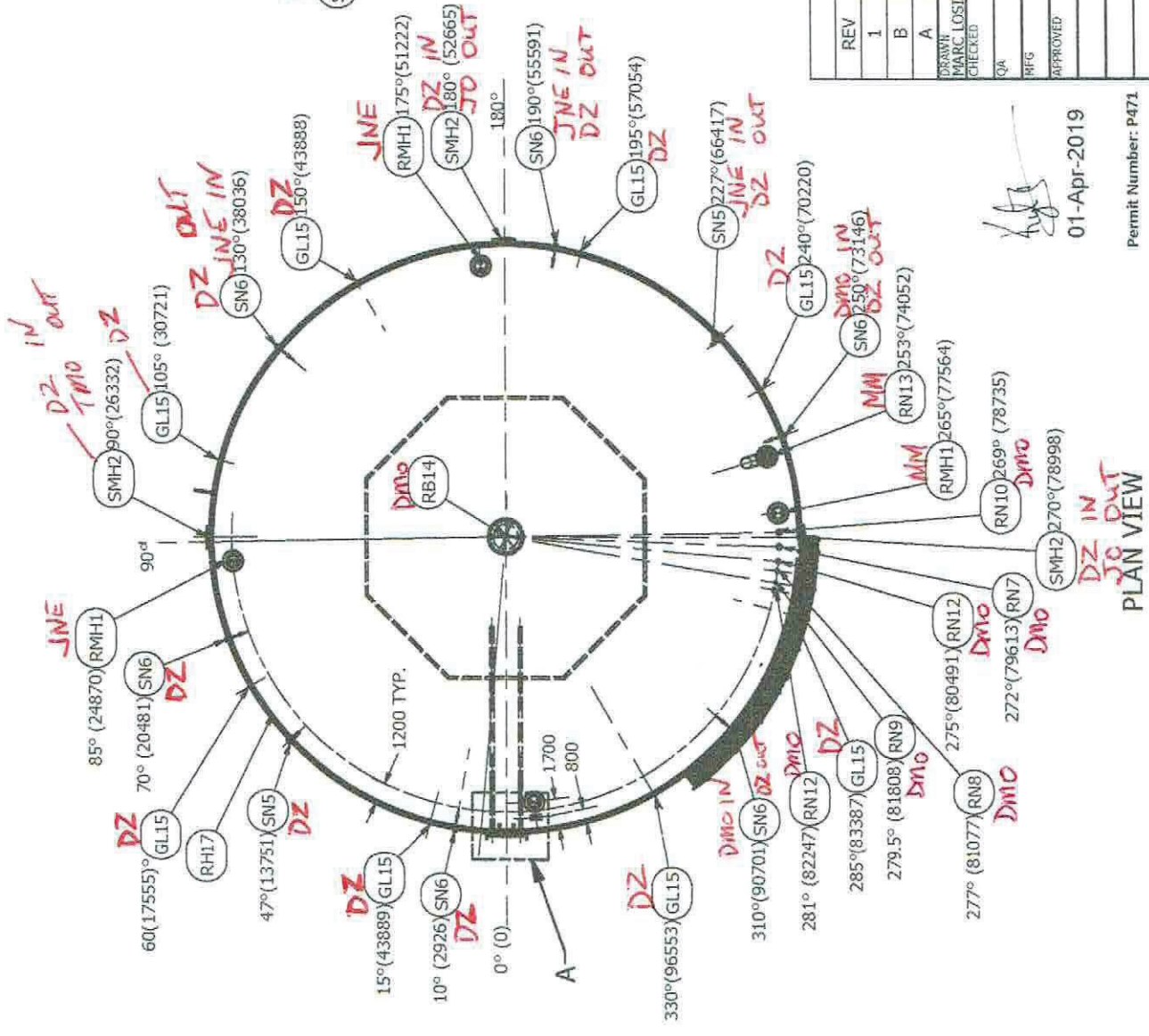
Results:

NO DEFECTS WERE FOUND. ALL WELDING ACCEPTABLE

STS Representative Signature: [Signature] Date: Aug 26/19

Client Representative Signature: [Signature] Date: August 28/19

DIMENSION IN ( ) DENOTES  
ARC LENGTH ON THE EXTERIOR OF  
THE SHELL FROM 0° IN MILLIMETRES  
MEASURED ON COURSE ONE (1) FOR SHELL NOZZLES  
AND ON COURSE FIVE (5) FOR ROOF NOZZLES



DETAIL A  
SCALE 1/75

REVISION HISTORY		GENERAL ARRANGEMENT AND NOZZLE LAYOUT	
REV	DESCRIPTION	DATE	
1	ISSUED FOR CONSTRUCTION	3/27/2019	
B	ISSUED FOR REVIEW	3/25/2019	
A	ISSUED FOR REVIEW	2/26/2019	
DRAWN: MARC LOSIER		CHECKED: QA	
MFG		APPROVED:	
TITLE		BAKER LAKE WHALE TAIL PROJECT - 10M LITERS - TANK #7: 6170TNK42	
SIZE		A3	
DWG NO		315-M6	
SCALE		1/250	
SHEET 1 OF 6		1	

01-Apr-2019

Permit Number: P471

PLAN VIEW



# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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 (5/16)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s): Aug 28/19

Tested by: Matt Mackenzie

Ambient Conditions: 12°

Items Tested:

NOZZLES WELDS.

Results:

NO DEFECTS WERE FOUND. ALL WELDING ACCEPTABLE

STS Representative Signature: [Signature] Date: Aug 28/19

Client Representative Signature: [Signature] Date: August 28/19



# QUALITY CONTROL MANUAL

Exhibit 31, Rev 1

## DIMENSIONAL CHECK REPORT- NOZZLES

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: DIESEL STORAGE TANK

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(Nozzles (excluding manholes) shall be installed within the following tolerances:

- a) specified projection from outside of tank shell to extreme face of flange:  $\pm 5$  mm (3/16 in.);
- b) elevation of shell nozzle or radial location of a roof nozzle:  $\pm 6$  mm (1/4 in.);
- c) flange tilt in any plane, measured on the flange face:  
 $\pm 1/2$  degree for nozzles greater than NPS 12 in. nominal diameter,  
 $\pm 3$  mm (1/8 in.) at the outside flange diameter for nozzles NPS 12 and smaller;
- d) flange bolt hole orientation:  $\pm 3$  mm (1/8 in.).)

Test Date(s): Sept 2/19

Tested by: Matt MacKenzie

Test Results:

ALL NOZZLES ARE WITHIN TOLERANCES

STS Representative Signature: 

Date: Sept 2/19

Client Representative Signature: 

Date: Sept 3, 19

## QUALITY CONTROL MANUAL

Exhibit 12, Rev 1

### AIR TEST REPORT – NOZZLE REINFORCEMENT PLATE WELDS

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TANK 7

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): Sept 2/19

Tested by: Matt McKenzie      Pressure Gauge:      Ambient Conditions: 7°

Items Tested:

SHELL NOZZLES \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Results:

NO LEAKS WERE DETECTED AT THE TIME OF THE INSPECTION \_\_\_\_\_

\_\_\_\_\_

STS Representative Signature: [Signature] Date: Sept 2/19

Client Representative Signature: [Signature] Date: Sept 3, 19

# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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.

- a) There are no crater cracks, other surface cracks or arc strikes in or adjacent to the welded joints.
- b) 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.
- c) 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.).
- d) The reinforcement of the welds on all thicknesses:

Plate Thickness mm (in.)	Maximum Reinforcement Thickness mm (in.)	
	Vertical Joints	Horizontal Joints
≤ 13 (1/2)	2.3 (3/32)	3 (1/8)
> 13 (1/2) to 25 (1)	3 (1/8)	5 (5/16)
> 25 (1)	5 (5/8)	8 (5/8)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s): Aug 28/19

Tested by: Matt Mackenzie

Ambient Conditions: 12°

Items Tested:

MANWAY WELDS.

Results:

NO DEFECTS WERE FOUND. ALL WELDING ACCEPTABLE

STS Representative Signature: [Signature] Date: Aug 28/19.

Client Representative Signature: [Signature] Date: August 28/19



**QUALITY CONTROL MANUAL**

Exhibit 32, Rev 1

**DIMENSIONAL CHECK REPORT- MANWAYS**

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TK 7

Equipment Type: DIESEL STORAGE TANK

Equipment Description:

Code Requiring Test: API 650

Reason for Test: New Construction

(Manholes shall be installed within the following tolerances:

- a) specified projection from outside of shell to extreme face of flange,  $\pm 13$  mm (1/2 in.)
- b) elevation and angular location,  $\pm 13$  mm (1/2 in.)
- c) flange tilt in any plane, measured across the flange diameter,  $\pm 13$  mm (1/2 in.))

Test Date(s): Sept 2/19Tested by: Matt MacKenzie

Test Results:

ALL MANWAYS ARE WITHIN TOLERANCESSTS Representative Signature: Date: Sept 2/19Client Representative Signature: Date: Sept 3, 19

**QUALITY CONTROL MANUAL**

Exhibit 12, Rev 1

**AIR TEST REPORT – NOZZLE REINFORCEMENT PLATE WELDS**

Customer: AGNICO EAGLE

Location: BAKER LAKE

Equipment Tag No.: TANK 7

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): Sept 2/19Tested by: Matt MacKenzie

Pressure Gauge:

Ambient Conditions:

7°

Items Tested:

SHELL MANWAYS

Results:

NO LEAKS WERE DETECTED AT THE TIME OF THE INSPECTIONSTS Representative Signature: [Signature]

Date:

Sept 2/19.Client Representative Signature: [Signature]

Date:

Sept 3, 19

# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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 (3/16)
> 13 (1/2) to 25 (1)	3 (3/16)	5 (3/16)
> 25 (1)	5 (3/16)	6 (3/8)

Surface Condition (As Welded)

Test Solution: N/A

Test Date(s): Aug 28/19

Tested by: *Nate Mackenzie*

Ambient Conditions: 12°

Items Tested:

INTERNALS WELDS.

Results:

NO DEFECTS WERE FOUND. ALL WELDING ACCEPTABLE

STS Representative Signature: *[Signature]* Date: *Aug 28/19*

Client Representative Signature: *[Signature]* Date: *Aug. 28/19*



# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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): Sept 2/19

Tested by: Matt McKenzie

Ambient Conditions: 7°

Items Tested:

EXTERNALS/ ATTACHEMENTS WELDS.

Results:

NO DEFECTS WERE FOUND. ALL WELDING ACCEPTABLE

STS Representative Signature: [Signature] Date: Sept 2/19.

Client Representative Signature: [Signature] Date: Sept 3, 19

# QUALITY CONTROL MANUAL

Exhibit 26, Rev 1

## VISUAL TEST REPORT

Customer: AGNICO EAGLE

Location: BAKER LAKE

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 29/19

Tested by: Matt Mackenzie

Ambient Conditions: 10°

Items Tested:

STAIRS AND PLATFORMS WELDS.

Results:







NO DEFECTS WERE FOUND. ALL WELDING ACCEPTABLE

STS Representative Signature: [Signature] Date: Aug 29/19

Client Representative Signature: [Signature] Date: Sept 3, 19

# **QUALITY CONTROL MANUAL** **DEFICIENCY PUNCH LIST RECORD**

Exhibit 29, Rev 1

<b>Project:</b> AEM, BAKER LAKE		<b>Project No.:</b> Inukshuk Construction -1	<b>Tank Tag:</b> Tk-7 <b>Date:</b> <u>Sept 4/19</u>							
Item No.	Drawing No.	Deficiency	Date Completed	Sign Off						
1		Internal piping Torque.	Sept 4/19.	B. Roy ✓						
2		Clean up rocks inside tank.	Sept 4/19.	B. Roy ✓						
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
<table border="0" style="width:100%"> <tr> <td style="width:40%"> <b>Matthew MacKenzie</b> STORAGE TANK SOLUTIONS </td> <td style="width:30%; text-align: center;">  Signature </td> <td style="width:30%; text-align: center;"> <u>Sept 4/19.</u> Date: </td> </tr> <tr> <td> <b>BRUNO ROY</b> Agnico Eagle Representative </td> <td style="text-align: center;">  Signature </td> <td style="text-align: center;"> <u>Sept 4/19</u> Date: </td> </tr> </table>					<b>Matthew MacKenzie</b> STORAGE TANK SOLUTIONS	 Signature	<u>Sept 4/19.</u> Date:	<b>BRUNO ROY</b> Agnico Eagle Representative	 Signature	<u>Sept 4/19</u> Date:
<b>Matthew MacKenzie</b> STORAGE TANK SOLUTIONS	 Signature	<u>Sept 4/19.</u> Date:								
<b>BRUNO ROY</b> Agnico Eagle Representative	 Signature	<u>Sept 4/19</u> Date:								





Client :	Inukshuk Construction Ltd.	Date d'intervention : Intervention date :	2019-08-30 to 2019-09-03
Adresse/Address :	1869 Upper Water St, Halifax, NS, B3J 1S9	Date du rapport : Report date :	2019-09-02
Contact :	Marc Losier	N° dossier : File no :	00197
Entrepreneur : Contractor :	Storage Tank Solutions	Commande : Order :	
Endroit du travail : Job location :	Baker Lake, Nunavut		

Page 1 de/of 6

INSP. VISUELLE VISUAL INSP.	<input type="checkbox"/>	MAGNÉTOSCOPIE MAGNETIC PARTICLES	<input checked="" type="checkbox"/>	RESSUAGE LIQUID PENETRANT	<input type="checkbox"/>	ULTRASONS ULTRASONIC	<input type="checkbox"/>
<b>DESCRIPTION :</b>  <b>BAKER LAKE WHALE TAIL PROJECT – 10M LITERS TANK #7 (6170TNK42)</b>  Magnetic particles test on all shell openings (nozzles, manways and reinforcement pads) on the tank, in accordance of API 650.  Reference Drawing No: 315-M6 Rev 1 (6 sheets) & 315-M10 Rev							
<b>INSP. VISUELLE / VISUAL INSP.</b>		<b>NORME : SPECIFICATION :</b>		<b>N° équip. : Equip. no :</b>			
<b>MAGNÉTOSCOPIE MAGNETIC PARTICLES</b>		<b>NORME : SPECIFICATION :</b> API 650 & ASME Section V article 7		<b>N° équip. : Equip. no :</b> MPTR38			
Ampérage : Amperage : Longitudinale Longitudinal	Culasse/Yoke <input checked="" type="checkbox"/>	Continue Continuous Circulaire Circular	<input checked="" type="checkbox"/> <input type="checkbox"/>	Résiduelle Residual C.A. A.C.	<input type="checkbox"/> <input checked="" type="checkbox"/>	Humide Wet C.C. D.C.	<input type="checkbox"/> <input type="checkbox"/>
<b>RESSUAGE LIQUID PENETRANT</b>		<b>NORME : SPECIFICATION :</b>		<b>N° équip. : Equip. no :</b>			
Pénétrant/Penetrant :		Émulsifiant/Emulsifier :		Révélateur/Developer :			
Temps/Time :		Temps/Time :		Temps/Time :			
<b>ULTRASONS / ULTRASONIC</b>		<b>NORME : SPECIFICATION :</b>		<b>N° équip. : Equip. no :</b>			
ÉTALONNAGE/CALIBRATION :		Trou/Hole :		C.A.D. /D.A.C. : <input type="checkbox"/>			
Bloc/Block :		Couplant :		Échelle/Sweep length :			
APPAREIL/EQUIPMENT :		Palpeur/Transducer :					
Instrument :							
N° équip./Equip. no :							
<b>RÉSULTATS/RESULTS :</b>  After inspection, all the openings components welds were found acceptable as the standard.  See the result details as described in the table below and the photos attached  Note: Visual inspection was performed by client.							
<b>Techniciens : Technicians :</b>		<b>Assistants:</b>		<b>Approuvé par : Approved by :</b>			
Michael Lafreniere  CSA W178.2 Level II CGSB 48.9712 UT-MT-PT Level II				CSA W178.2			

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<b>Adresse/Address :</b>	1869 Upper Water St, Halifax, NS, B3J 1S9	<b>Intervention date :</b>	
<b>Contact :</b>	Marc Losier	<b>Date du rapport :</b>	2019-09-02
<b>Entrepreneur :</b>	Storage Tank Solutions	<b>Report date :</b>	
<b>Contractor :</b>		<b>N° dossier :</b>	<b>00197</b>
<b>Endroit du travail :</b>	Baker Lake, Nunavut	<b>File no :</b>	
<b>Job location :</b>		<b>Commande :</b>	
		<b>Order :</b>	

MAGNETIC PARTICULES INSPECTION TANK-- RESULT TABLE				
SHELL OPENING PART #	DEGREE LOCATION	INSPECTION WELDS	MT RESULTS	
			INSIDE	OUTSIDE
Manway SMH2	0	Circular / Reinforced pad / Seam	Accepted	Accepted
Nozzle SN3	3 (approx.)	Circular / Reinforced pad	Accepted	Accepted
Nozzle SN6	10	Circular / Reinforced pad	Accepted	Accepted
Nozzle SN5	47	Circular / Reinforced pad	Accepted	Accepted
Nozzle SN6	70	Circular / Reinforced pad	Accepted	Accepted
Manway SMH2	90	Circular / Reinforced pad / Seam	Accepted	Accepted
Nozzle SN6	130	Circular / Reinforced pad	Accepted	Accepted
Manway SMH2	180	Circular / Reinforced pad / Seam	Accepted	Accepted
Nozzle SN6	190	Circular / Reinforced pad	Accepted	Accepted
Nozzle SN5	227	Circular / Reinforced pad	Accepted	Accepted
Nozzle SN6	250	Circular / Reinforced pad	Accepted	Accepted
Manway SMH2	270	Circular / Reinforced pad / Seam	Accepted	Accepted
Nozzle SN6	310	Circular / Reinforced pad	Accepted	Accepted
Nozzle SN4	357(approx.)	Circular / Reinforced pad	Accepted	Accepted*

\*Accepted after a grinding of surface indication.

Note: Location degree are taken as the reference drawing No: 315-M6 Rev 1 (sheet 1)

<b>Techniciens :</b>	Michael Lafreniere	<b>Assistants:</b>	<b>Approuvé par :</b>
<b>Technicians :</b>	CSA W178.2 Level II CGSB 48.9712 UT-MT-PT Level II		<b>Approved by :</b>
			CSA W178.2

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<b>Entrepreneur :</b>	Storage Tank Solutions	<b>Report date :</b>	
<b>Contractor :</b>		<b>N° dossier :</b>	<b>00197</b>
<b>Endroit du travail :</b>	Baker Lake, Nunavut	<b>File no :</b>	
<b>Job location :</b>		<b>Commande :</b>	
		<b>Order :</b>	

O degree located on  
center Manway and  
turn clockwise



Photo #1:

Overview

Baker lake whale tail project – 10m liters tank #7

<b>Techniciens :</b> <b>Technicians :</b>	Michael Lafreniere  CSA W178.2 Level II CGSB 48.9712 UT-MT-PT Level II	<b>Assistants:</b>	<b>Approuvé par :</b> <b>Approved by :</b>	CSA W178.2
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<b>Job location :</b>		<b>Commande :</b>	
		<b>Order :</b>	



**Photo #2:** Manway (0 degree)  
Nozzles SN3 (3degree) & SN4 (357 degree)



**Photo #3:** Nozzle SN6 (10 degree)



**Photo #4:** Nozzle SN5 (47 degree)



**Photo #5:** Nozzle SN6 (70 degree)



**Photo #6:** Manway (90 degree)



**Photo #7:** Nozzle SN6 (130 degree)

<b>Techniciens :</b> <b>Technicians :</b>	Michael Lafreniere  CSA W178.2 Level II CGSB 48.9712 UT-MT-PT Level II	<b>Assistants:</b>		<b>Approuvé par :</b> <b>Approved by :</b>	CSA W178.2
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