-001

# U L T R A T E S T Ultrasonic Inspection Report

Client Devon Canada
Facility Maple Glen Gas Plant
Attention Cam Busby

**Date of Inspection** 08/13/2012 - 08/17-20' **Time of Inspection** 17:00

NDE Procedure UT-0001

**Report Number** RB - 120817 **W.O. Number** 20015628

P.O. Number NA

## **Job Description and Details**

Equipment IDCondensate Storage BulletsSurface ConditionPainted, AcceptableMaterial Type and ThicknessSA 612Surface TemperatureAmbient

#### **Method and Reference Documentation**

Method / Type	Contact P/A	Cable Type, Length Integral PAUT
Instrument Used	Olympus MX2 PA 32/128	2nd Cable Type & Length Integral PAUT
Instrument S.N.	600427 / 100843	Couplant Used Water

Last Inst. Cal. Date Mar-12

Acceptance Criteria Client Information

		Transc	lucer		dB Settings	S			
Manufacturer	Туре	Serial No.	Angle	Frequency	Size	Reference	Scan	(-) Trans	sfer Value (+)
Olympus	A105L16	J4220	44°-70°	5MHz	NA	1.5mm SDH	6+	NA	NA
Olympus	A105L16	K0249	44°-70°	5MHz	NA	1.5mm SDH	6+	NA	NA
				i !				i ! !	

		Additional I	Equipment				
Calibration / Reference Block(s)	Serial No.	Last Cal. Date	Reference Reflector(s)	Indication Amplitude(s)	Distance Reading(s)	Equipment Type	Serial No.
IIW	110411	08-13-2012	1.5mm SDH	80%	NA		

#### Scope

We were asked to perform Phased Array inspection of 100% of the welds on the following two Condensate Storage Bullets located at the Maple Glen Gas Plant (16-36-036-16W4). A0151944 and A0151945. This is an in-service client information inspection only.

The scan plan shall be built to employ sectorial PAUT to observe the inner 1/3rd of the weld in order to quantify any signs of ID cracking. To note, the weld profile has been built according to available data from the U1-A form. Actual bevel angle may be different.

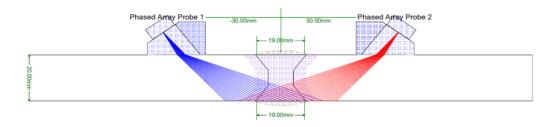


Figure 1 - PAUT Scan Plan

\* See continuation report for further scope and results.

Technician Name Henk Stinis
CGSB Level & Cert. Number UT III 13457

Client Representative Cam Busby

Signature Signature

This form property of Ultratest NDT Services • 5925 91St Edmonton, Alberta T6E 6A7 • www.ultratest.ca

# Ultrasonic Inspection Report

Client Devon Canada
Facility Maple Glen Gas Plant
Attention Cam Busby

**Date of Inspection** 08/13/2012 - 08/17-201: **Time of Inspection** 17:00

UT-0001

**Report Number** RB - 120817 -001 **W.O. Number** 20015628

P.O. Number NA

## **Scope - Continued**

**NDE Procedure** 

When discontinuities are encountered that may be indicative of ID connected cracking, they shall be imaged with TOFD to determine extent and only whether the indication is crack like or not. Due to the original joint efficiency requirements, this inspection shall not be utilized to determine acceptability of the weld in accordance to code of construction.

The Bullet on the North side of the plant is called tank north, the Bullet on the South side is called tank south. The 'direction of flow' of the tanks is assumed to be from west to east, naming the outer most circular weld on the west side number 1. All circular welds are scanned in four sections, 12 to 3 o-clock, 3 to 6 o-clock, 9 to 6 o-clock and 12 to 9 o-clock. The longitudinal welds on the heads are scanned clockwise, naming the 12 o-clock position 'zero'.

## **Summary Report**

146 data sets were captured, giving 100% coverage of all welds for each vessel. 19 relevant indications were detected, 2 of which are interpreted as crack like. As a cautionary note the other 17 indications may pose a risk to develop into cracks in the future. A monitoring protocol may be wise until such time that a visual internal can be completed. Refer to Figures A and B for crack like indication detail.

					Detail Repo	rt - PAUT	Data sets and des	scriptio	n.
Filename:	Tank	Weld	Nr	WT	Scan length	Indications	Filename:	Tank	N
N_C_12_3_1_S01	North	Circular	1	20mm	12 to 3 o-clock	Yes, Nr 1	S_C_12_3_1_S01	South	+
N_C_3_6_1_S01	North	Circular	1	20mm	3 to 6 o-clock		S_C_3_6_1_S01	South	+
N_C_9_6_1_S01	North	Circular	1	20mm	9 to 6 o-clock		S_C_9_6_1_S01	South	+
N_C_12_9_1_S01	North	Circular	1	20mm	12 to 9 o-clock		S_C_12_9_1_S01	South	+
N_C_12_3_2_S01	North	Circular	2	20mm	12 to 3 o-clock		S_C_12_3_2_S01	South	+
N_C_3_6_2_S01	North	Circular	2	20mm	3 to 6 o-clock	Yes, Nr 2	S_C_3_6_2_S01	South	1
N_C_9_6_2_S01	North	Circular	2	20mm	9 to 6 o-clock		S_C_9_6_2_S01	South	1
N_C_12_9_2_S01	North	Circular	2	20mm	12 to 9 o-clock		S_C_12_9_2_S01	South	+
N_C_12_3_3_S01	North	Circular	3	20mm	12 to 3 o-clock		S_C_12_3_3_S01	South	+
N_C_3_6_3_S01	North	Circular	3	20mm	3 to 6 o-clock		S_C_3_6_3_S01	South	1
N_C_9_6_3_S01	North	Circular	3	20mm	9 to 6 o-clock	Yes, Nr 3	S_C_9_6_3_S01	South	+
N_C_12_9_3_S01	North	Circular	3	20mm	12 to 9 o-clock		S_C_12_9_3_S01	South	
N_C_12_3_4_S01	North	Circular	4	20mm	12 to 3 o-clock	Yes, Nr 4	S_C_12_3_4_S01	South	
N_C_3_6_4_S01	North	Circular	4	20mm	3 to 6 o-clock		S_C_3_6_4_S01	South	+
N_C_9_6_4_S01	North	Circular	4	20mm	9 to 6 o-clock	Yes, Nr 5	S_C_9_6_4_S01	South	1
N_C_12_9_4_S01	North	Circular	4	20mm	12 to 9 o-clock	Yes, Nr 6	S_C_12_9_4_S01	South	+
N_C_12_3_5_S01	North	Circular	5	20mm	12 to 3 o-clock	Yes, Nr 7	S_C_12_3_5_S01	South	
N_C_3_6_5_S01	North	Circular	5	20mm	3 to 6 o-clock	Yes, Nr 8	S_C_3_6_5_S01	South	
N_C_9_6_5_S01	North	Circular	5	20mm	9 to 6 o-clock	Yes, Nr 9	S_C_9_6_5_S01	South	1
N_C_12_9_5_S01	North	Circular	5	20mm	12 to 9 o-clock		S_C_12_9_5_S01	South	(
N_C_12_3_6_S01	North	Circular	6	20mm	12 to 3 o-clock		S_C_12_3_6_S01	South	
N_C_3_6_6_S01	North	Circular	6	20mm	3 to 6 o-clock		S_C_3_6_6_S01	South	
N_C_9_6_6_S01	North	Circular	6	20mm	9 to 6 o-clock		S_C_9_6_6_S01	South	
N_C_12_9_6_S01	North	Circular	6	20mm	12 to 9 o-clock		S_C_12_9_6_S01	South	
N_C_12_3_/_S01	North	Circular	7	20mm	12 to 3 o-clock		S_C_12_3_/_S01	South	
N_C_3_6_/_S01	North	Circular	7	20mm	3 to 6 o-clock		S_C_3_6_/_S01	South	
N_C_9_6_/_S01	North	Circular	7	20mm	9 to 6 o-clock		S_C_9_6_/_S01	South	
N_C_12_9_/_S01	North	Circular	7	20mm	12 to 9 o-clock		S_C_12_9_/_S01	South	
N_C_12_3_8_S01	North	Circular	8	20mm	12 to 3 o-clock		S_C_12_3_8_S01	South	
N_C_3_6_8_S01	North	Circular	8	20mm	3 to 6 o-clock	Yes, Nr 10	S_C_3_6_8_S01	South	
N_C_9_6_8_S01	North	Circular	8	20mm	9 to 6 o-clock		S_C_9_6_8_S01	South	
N_C_12_9_8_S01	North	Circular	8	20mm	12 to 9 o-clock	Yes, Nr 11	S_C_12_9_8_S01	South	
N_C_12_3_9_S01	North	Circular	9	20mm	12 to 3 o-clock	17 11 40	S_C_12_3_9_S01	South	$\Box$
N_C_3_6_9_S01	North	Circular	9	20mm 20mm	3 to 6 o-clock	Yes, Nr 12	S_C_3_6_9_S01	South	
N_C_9_6_9_S01 N_C_12_9_9_S01	North	Circular	9		9 to 6 o-clock		S_C_9_6_9_S01	South	
N_C_12_3_10_S01	North	Circular	9	20mm 20mm	12 to 9 o-clock		S_C_12_9_9_S01	South	$\Box$
N_C_3_6_10_S01	North	Circular	10	20mm	12 to 3 o-clock		S_C_12_3_10_S01	South	
N_C_9_6_10_S01	North	Circular	10		3 to 6 o-clock		S_C_3_6_10_S01	South	
N_C_12_9_10_S01	North	Circular	10	20mm 20mm	9 to 6 o-clock	V N- 42	S_C_9_6_10_S01	South	
N_C_12_3_11_S01	North	Circular	10	20mm 20mm	12 to 9 o-clock	Yes, Nr 13	S_C_12_9_10_S01	South	
N_C_3_6_11_S01	North	Circular	11	20mm 20mm	12 to 3 o-clock		S_C_12_3_11_S01	South	
N_C_9_6_11_S01	North	Circular	11	20mm	3 to 6 o-clock		S_C_3_6_11_S01	South	(
N_C_12_9_11_S01	North	Circular	11	20mm 20mm	9 to 6 o-clock		S_C_9_6_11_S01	South	
N_C_12_3_12_S01	North	Circular	11	20mm 20mm	12 to 9 o-clock		S_C_12_9_11_S01	South	(
N_C_3_6_12_S01	North	Circular		20mm	12 to 3 o-clock		S_C_12_3_12_S01	South	(
N_C_9_6_12_S01	North North	Circular	12 12	20mm	3 to 6 o-clock 9 to 6 o-clock		S_C_3_6_12_S01	South	(
N_C_12_9_12_S01	North	Circular	12	20mm	12 to 9 o-clock	-	S_C_9_6_12_S01	South	
	NORTH	Circulal	12	Zomili	12 to 3 0-clock		S_C_12_9_12_S01	South	(

Filename:	Tank	Weld	Nr	WT	Scan length	Indications
S_C_12_3_1_S01	South	Circular	1	20mm	12 to 3 o-clock	Yes, Nr 14
S_C_3_6_1_S01	South	Circular	1	20mm	3 to 6 o-clock	
S_C_9_6_1_S01	South	Circular	1	20mm	9 to 6 o-clock	Yes, Nr 15
S_C_12_9_1_S01	South	Circular	1	20mm	12 to 9 o-clock	
S_C_12_3_2_S01	South	Circular	2	20mm	12 to 3 o-clock	Yes, Nr 16
S_C_3_6_2_S01	South	Circular	2	20mm	3 to 6 o-clock	100,11110
S_C_9_6_2_S01	South	Circular	2	20mm	9 to 6 o-clock	
S_C_12_9_2_S01	South	Circular	2	20mm	12 to 9 o-clock	
S_C_12_3_3_S01	South	Circular	3	20mm	12 to 3 o-clock	
S_C_3_6_3_S01	South	Circular	3	20mm	3 to 6 o-clock	-
S_C_9_6_3_S01	South	Circular	3	20mm	9 to 6 o-clock	
S_C_12_9_3_S01	South	Circular	3	20mm	12 to 9 o-clock	
S_C_12_3_4_S01			4	20mm		
S_C_3_6_4_S01	South	Circular		20mm 20mm	12 to 3 o-clock	
	South	Circular	4		3 to 6 o-clock	
S_C_9_6_4_S01	South	Circular	4	20mm	9 to 6 o-clock	
S_C_12_9_4_S01	South	Circular	4	20mm	12 to 9 o-clock	
S_C_12_3_5_S01	South	Circular	5	20mm	12 to 3 o-clock	
S_C_3_6_5_S01	South	Circular	5	20mm	3 to 6 o-clock	
S_C_9_6_5_S01	South	Circular	5	20mm	9 to 6 o-clock	
S_C_12_9_5_S01	South	Circular	5	20mm	12 to 9 o-clock	
S_C_12_3_6_S01	South	Circular	6	20mm	12 to 3 o-clock	
S_C_3_6_6_S01	South	Circular	6	20mm	3 to 6 o-clock	
S_C_9_6_6_S01	South	Circular	6	20mm	9 to 6 o-clock	
S_C_12_9_6_S01	South	Circular	6	20mm	12 to 9 o-clock	
S_C_12_3_/_S01	South	Circular	7	20mm	12 to 3 o-clock	
S_C_3_6_/_S01	South	Circular	7	20mm	3 to 6 o-clock	
S_C_9_6_/_S01	South	Circular	7	20mm	9 to 6 o-clock	
S_C_12_9_/_S01	South	Circular	7	20mm	12 to 9 o-clock	
S_C_12_3_8_S01	South	Circular	8	20mm	12 to 3 o-clock	
S_C_3_6_8_S01	South	Circular	8	20mm	3 to 6 o-clock	
S_C_9_6_8_S01	South	Circular	8	20mm	9 to 6 o-clock	
S_C_12_9_8_S01	South	Circular	8	20mm	12 to 9 o-clock	
S_C_12_3_9_S01	South	Circular	9	20mm	12 to 3 o-clock	
S_C_3_6_9_S01	South	Circular	9	20mm	3 to 6 o-clock	Yes, Nr 17
S_C_9_6_9_S01	South	Circular	9	20mm	9 to 6 o-clock	,
S_C_12_9_9_S01	South	Circular	9	20mm	12 to 9 o-clock	Yes, Nr 18
S_C_12_3_10_S01	South	Circular	10	20mm	12 to 3 o-clock	
S_C_3_6_10_S01	South	Circular	10	20mm	3 to 6 o-clock	<del>                                     </del>
S_C_9_6_10_S01	South	Circular	10	20mm	9 to 6 o-clock	<del>                                     </del>
S_C_12_9_10_S01	South	Circular	10	20mm	12 to 9 o-clock	
S_C_12_3_11_S01	South	Circular	11	20mm	12 to 3 o-clock	
S_C_3_6_11_S01	South	Circular	11	20mm	3 to 6 o-clock	
S_C_9_6_11_S01	South	Circular	11	20mm	9 to 6 o-clock	-
S_C_12_9_11_S01	South	Circular	11	20mm	12 to 9 o-clock	Yes, Nr 19
S_C_12_3_12_S01			12	20mm	12 to 3 o-clock	res, INI 19
S_C_3_6_12_S01	South	Circular	12	20mm 20mm		
S_C_9_6_12_S01	South	Circular		20mm 20mm	3 to 6 o-clock	
S_C_12_9_12_S01	South	Circular	12		9 to 6 o-clock	
0_0_12_8_12_801	South	Circular	12	20mm	12 to 9 o-clock	

Technician Name Henk Stinis
CGSB Level & Cert. Number UT III 13457

Client Representative Cam Busby

Signature

Signature

This form property of Ultratest NDT Services • 5925 91St Edmonton, Alberta T6E 6A7 • www.ultratest.ca

# **Ultrasonic Inspection Report**

Client Devon Canada

Facility Maple Glen Gas P

Signature

Facility Maple Glen Gas Plant
Attention Cam Busby

**Date of Inspection** 08/13/2012 - 08/17-2012

Time of Inspection 17:00

NDE Procedure UT-0001

Report Number RB - 120817 -001

W.O. Number 20015628

P.O. Number NA

# Detail Report - PAUT Data sets and description - Continued.

Filename:	Tank	Weld	Nr	WT	Scan length	Indications
N_L_1_S01	North	Longitudinal	1	20mm	2200mm	marcations
N_L_2_S01	North	Longitudinal	2	20mm	2200mm	
N_L_3_S01	North	Longitudinal	3	20mm	2200mm	
N_L_4_S01	North	Longitudinal	4	20mm	2200mm	
N_L_5_S01	North	Longitudinal	5	20mm	2200mm	
N_L_6_S01	North	Longitudinal	6	20mm	2200mm	
N_L_/_S01	North	Longitudinal	7	20mm	2200mm	
N_L_8_S01	North	Longitudinal	8	20mm	2200mm	
N_L_9_S01	North	Longitudinal	9	20mm	2200mm	
N_L_10_S01	North	Longitudinal	10	20mm	2200mm	
N_L_11_S01	North	Longitudinal	11	20mm	2200mm	
S_L_1_S01	South	Longitudinal	1	20mm	2200mm	
S_L_2_S01	South	Longitudinal	2	20mm	2200mm	
S_L_3_S01	South	Longitudinal	3	20mm	2200mm	
S_L_4_S01	South	Longitudinal	4	20mm	2200mm	
S_L_5_S01	South	Longitudinal	5	20mm	2200mm	
S_L_6_S01	South	Longitudinal	6	20mm	2200mm	
S_L_/_S01	South	Longitudinal	7	20mm	2200mm	
S_L_8_S01	South	Longitudinal	8	20mm	2200mm	
S_L_9_S01	South	Longitudinal	9	20mm	2200mm	
S_L_10_S01	South	Longitudinal	10	20mm	2200mm	
S_L_11_S01	South	Longitudinal	11	20mm	2200mm	
N_H_E_1_S01	North	Head East	1	14mm	1665mm	
N_H_E_2_S01	North	Head East	2	14mm	1665mm	
N_H_E_3_S01	North	Head East	3	14mm	1665mm	
N_H_E_4_S01	North	Head East	4	14mm	1665mm	
N_H_E_5_S01	North	Head East	5	14mm	1665mm	
N_H_E_6_S01	North	Head East	6	14mm	1665mm	
N_H_E_C_S01	North	Head East	Č	14mm	5300mm	
N_H_W_1_S01	North	Head West	1	14mm	1665mm	
N_H_W_2_S01	North	Head West	2	14mm	1665mm	
N_H_W_3_S01	North	Head West	3	14mm	1665mm	
N_H_W_4_S01	North	Head West	4	14mm	1665mm	
N_H_W_5_S01	North	Head West	5	14mm	1665mm	
N_H_W_6_S01	North	Head West	6	14mm	1665mm	
N_H_W_C_S01	North	Head West	С	14mm	5300mm	
S_H_E_1_S01	South	Head East	1	14mm	1665mm	
S_H_E_2_S01	South	Head East	2	14mm	1665mm	
S_H_E_3_S01	South	Head East	3	14mm	1665mm	
S_H_E_4_S01	South	Head East	4	14mm	1665mm	
S_H_E_5_S01	South	Head East	5	14mm	1665mm	
S_H_E_6_S01	South	Head East	6	14mm	1665mm	
S_H_E_C_S01	South	Head East	С	14mm	5300mm	
S_H_W_1_S01	South	Head West	1	14mm	1665mm	
S_H_W_2_S01	South	Head West	2	14mm	1665mm	
S_H_W_3_S01	South	Head West	3	14mm	1665mm	
S_H_W_4_S01	South	Head West	4	14mm	1665mm	
S_H_W_5_S01	South	Head West	5	14mm	1665mm	
S_H_W_6_S01	South	Head West	6	14mm	1665mm	
S_H_W_C_S01	South	Head West	Ċ	14mm	5300mm	

Technician Name	Henk Stinis	<u> </u>	
CGSB Level & Cert. Number	UT III 13457	Client Representative	Cam Busby

This form property of Ultratest NDT Services • 5925 91St Edmonton, Alberta T6E 6A7 • www.ultratest.ca

**Signature** 

Client Devon Canada Maple Glen Gas Plant **Facility** Attention Cam Busby

**Date of Inspection** 08/13/2012 - 08/17-201: Time of Inspection 17:00

UT-0001

20015628 W.O. Number

Report Number RB - 120817 -001

P.O. Number NA

# **Detail Report - Discontinuity Identification**

**NDE Procedure** 

Nr	Filename:	Tank	Weld	Nr	WT	Scan length	Crack-like
1	N_C_12_3_1_500mm_S01	North	Circular	1	20mm	500-620	No
2	N_C_3_6_2_1900mm_S01	North	Circular	2	20mm	1700-1900	No
3	N_C_9_6_3_2400_S01	North	Circular	3	20mm	2400-2700	No
4	N_C_12_3_4_250mm_S01	North	Circular	4	20mm	250-400	No
5	N_C_9_6_4_0mm_S01	North	Circular	4	20mm	0-2700	No
6	N_C_12_9_4_1000mmS01	North	Circular	4	20mm	1000-1150	No
7	N_C_12_3_5_1400mm_S01	North	Circular	5	20mm	1400-1700	No
8	N_C_3_6_5_1400mm_S01	North	Circular	5	20mm	1400-1500	No
9	N_C_9_6_5_2000mm_S01	North	Circular	5	20mm	2000-2100	No
10	N_C_3_6_8_1100mm_S01	North	Circular	8	20mm	1100-1200	YES
11	N_C_12_9_8_300mm_S01	North	Circular	8	20mm	300-600	No
12	N_C_3_6_9_0mm_S01	North	Circular	9	20mm	0-1000	YES
13	N_C_12_9_10_200mm_S01	North	Circular	10	20mm	200-400	No
14	S_C_12_3_1_2200mmS01	South	Circular	1	20mm	2200-2400	No
15	S_C_9_6_1_500mm_S01	South	Circular	1	20mm	500-700	No
16	S_C_12_3_2_1200mm_S01	South	Circular	2	20mm	1200-1700	No
17	S_C_3_6_9_2200mm_S01	South	Circular	9	20mm	2200-2400	No
18	S_C_12_9_9_400mm_S01	South	Circular	9	20mm	400-550	No
19	S_C_12_9_11_1200mm_S01	South	Circular	11	20mm	1200-1600	No

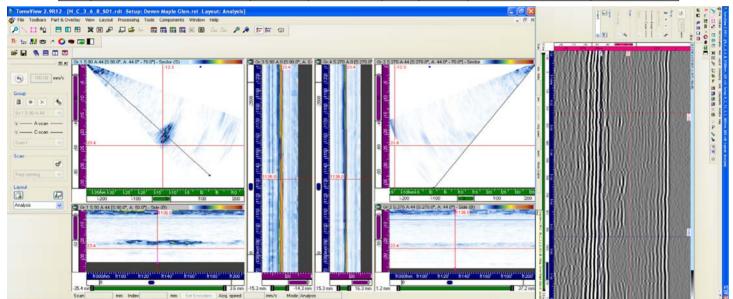


Figure A - Indication number 10

**Technician Name** Henk Stinis UT III 13457 **CGSB Level & Cert. Number** 

**Client Representative** Cam Busby

Signature

Signature

This form property of Ultratest NDT Services • 5925 91St Edmonton, Alberta T6E 6A7 • www.ultratest.ca

Client Devon Canada Maple Glen Gas Plant Facility

**Attention** Cam Busby

**Date of Inspection** 08/13/2012 - 08/17-201: Time of Inspection 17:00

**NDE Procedure** UT-0001 Report Number RB - 120817 -001

NA

20015628 W.O. Number P.O. Number

## **Detail Report - Discontinuity Identification**

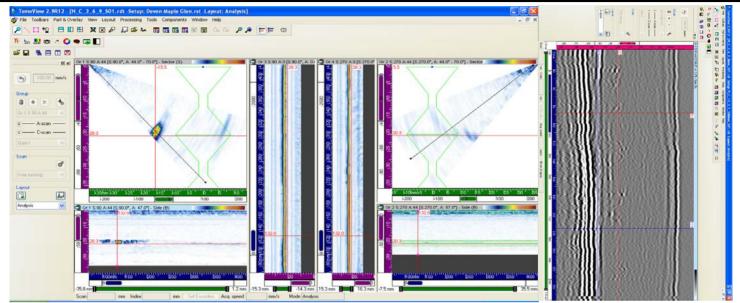


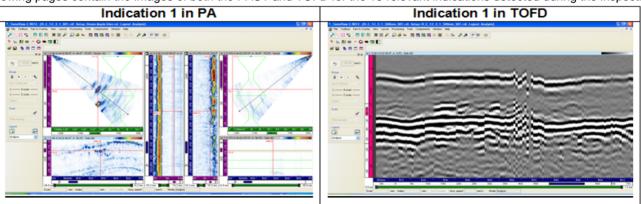
Figure B - Indication number 12

# Comments on Figures A and B (Indications 10 and 12)

Indication 10 measures Length: 46mm (1129 to 1175) Height: 3mm (17 to 20). Indication 12 measures Length: 103mm (100 to 203) Height: 1.5mm (18.5 to 20). While these indications certainly appear to be ID connected, without full knowledge of the weld bevel and internal weld profile (caps ground flush?) these has to be some caution in analysis. These indications may turn out to be undercut or small areas of cold lap. Future monitoring to look for signs of growth would be prudent, however these indications may be easily classified with the next internal inspection by visual or magnetic particle methods.

#### **Images of Relevant Indications**

The following pages contain the images of both the PAUT and TOFD for the 19 relevant indications detected during the inspection.



**Technician Name** 

Henk Stinis

**CGSB Level & Cert. Number** 

UT III 13457

Signature

**Client Representative** Cam Busby

**Signature** 

This form property of Ultratest NDT Services • 5925 91St Edmonton, Alberta T6E 6A7 • www.ultratest.ca

Client Devon Canada **Facility** 

Maple Glen Gas Plant

**Attention** Cam Busby

Date of Inspection 08/13/2012 - 08/17-201:

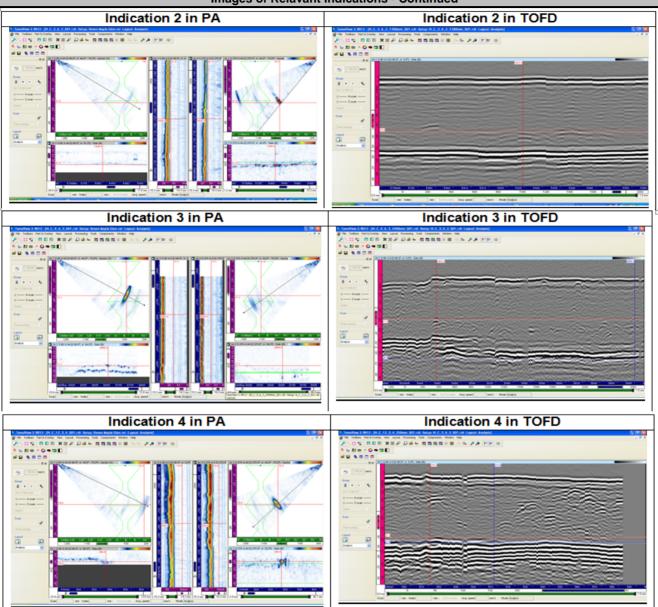
Time of Inspection 17:00

**NDE Procedure** UT-0001 Report Number RB - 120817 -001

W.O. Number 20015628

P.O. Number NA

## **Images of Relavant Indications - Continued**



**Technician Name** Henk Stinis **CGSB Level & Cert. Number** UT III 13457

**Client Representative** Cam Busby

Signature

Signature

This form property of Ultratest NDT Services • 5925 91St Edmonton, Alberta T6E 6A7 • www.ultratest.ca

# Ultrasonic Inspection Report

Client Devon Canada

Maple Glen Gas Plant

**Attention** Cam Busby

**Facility** 

**Date of Inspection** 08/13/2012 - 08/17-2012

Time of Inspection 17:00

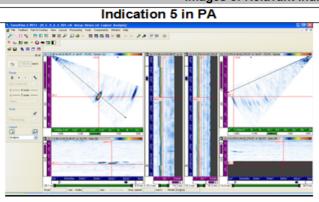
NDE Procedure UT-0001

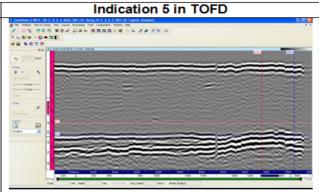
Report Number RB - 120817 -001

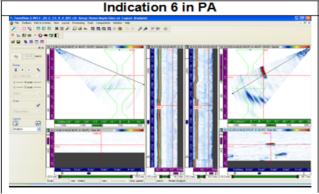
W.O. Number 20015628

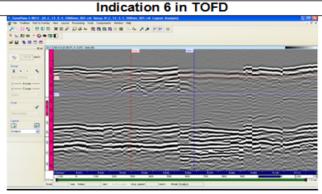
P.O. Number NA

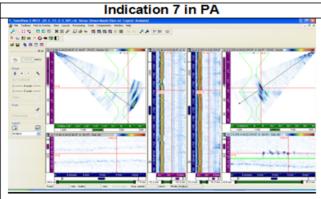
# **Images of Relavant Indications - Continued**

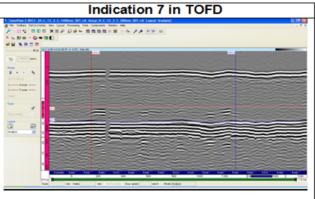












Technician Name Henk Stinis
CGSB Level & Cert. Number UT III 13457

Client Representative Cam Busby

Signature

Signature

This form property of Ultratest NDT Services • 5925 91St Edmonton, Alberta T6E 6A7 • www.ultratest.ca

Client Devon Canada **Facility** 

Maple Glen Gas Plant

**Attention** Cam Busby

**Date of Inspection** 08/13/2012 - 08/17-201:

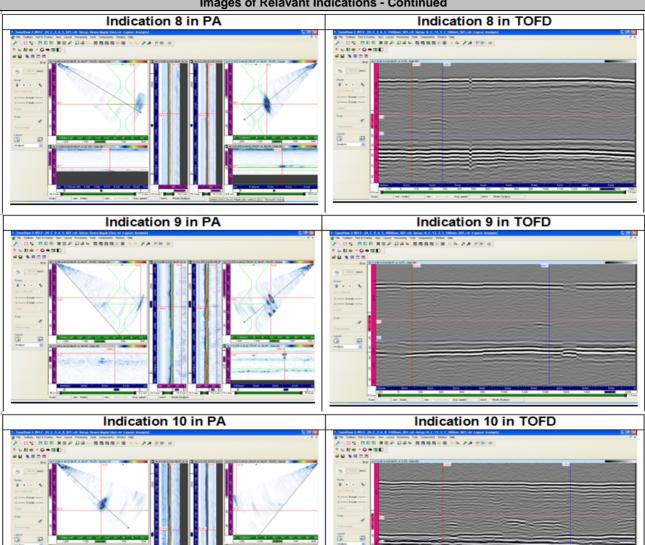
Time of Inspection 17:00

**NDE Procedure** UT-0001 Report Number RB - 120817 -001

20015628 W.O. Number

P.O. Number NA

## **Images of Relavant Indications - Continued**



Technician Name	Henk Stinis
CGSB Level & Cert. Number	UT III 13457

**Client Representative** Cam Busby

Signature

Signature

This form property of Ultratest NDT Services • 5925 91St Edmonton, Alberta T6E 6A7 • www.ultratest.ca

Client Devon Canada **Facility** 

Maple Glen Gas Plant **Attention** Cam Busby

**Date of Inspection** 08/13/2012 - 08/17-201:

Time of Inspection 17:00 **NDE Procedure** 

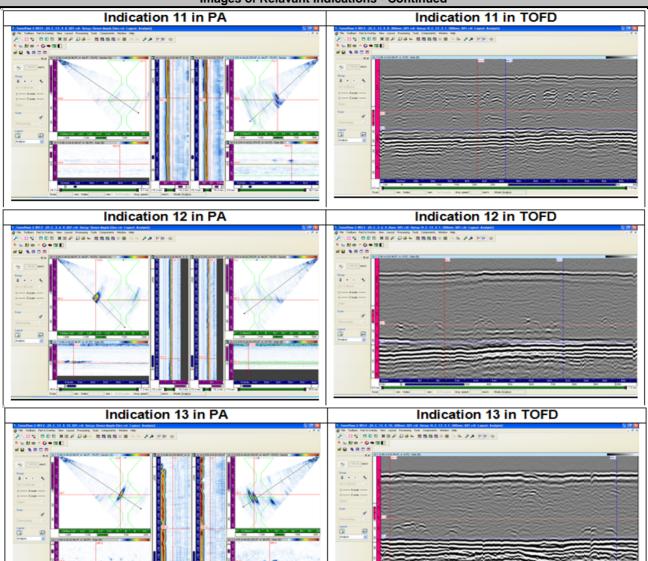
UT-0001

Report Number RB - 120817 -001

20015628 W.O. Number

P.O. Number NA

#### **Images of Relavant Indications - Continued**



Technician Name	Henk Stinis
CGSB Level & Cert. Number	UT III 13457

**Client Representative** Cam Busby

Signature

Signature

This form property of Ultratest NDT Services • 5925 91St Edmonton, Alberta T6E 6A7 • www.ultratest.ca

Client Devon Canada **Facility** 

Maple Glen Gas Plant

**Attention** Cam Busby

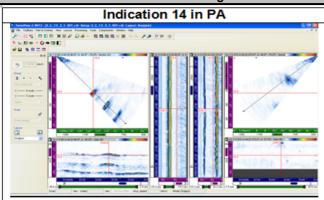
Date of Inspection 08/13/2012 - 08/17-201:

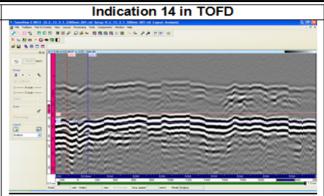
Time of Inspection 17:00 **NDE Procedure** UT-0001 Report Number RB - 120817 -001

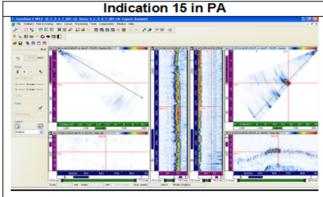
20015628 W.O. Number

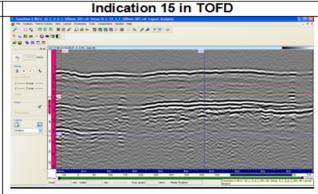
P.O. Number NA

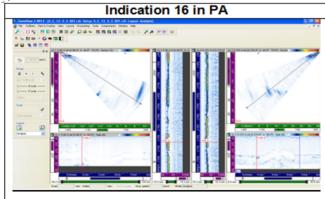
## **Images of Relavant Indications - Continued**

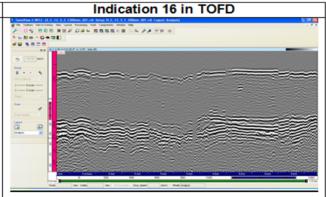












**Technician Name** Henk Stinis **CGSB Level & Cert. Number** UT III 13457

**Client Representative** Cam Busby

Signature

Signature

This form property of Ultratest NDT Services • 5925 91St Edmonton, Alberta T6E 6A7 • www.ultratest.ca

# **Ultrasonic Inspection Report**

Client Devon Canada

Facility Maple Glen Gas Plant

Attention Cam Busby

**Date of Inspection** 08/13/2012 - 08/17-2012

Time of Inspection 17:00

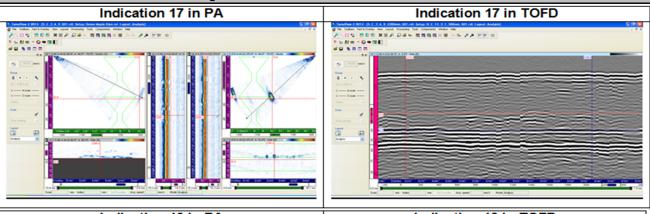
NDE Procedure UT-0001

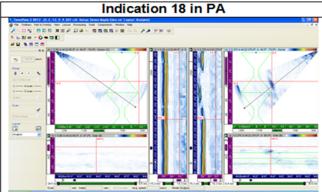
Report Number RB - 120817 -001

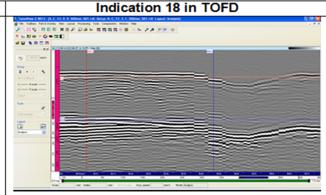
W.O. Number 20015628

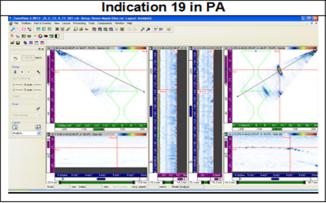
P.O. Number NA

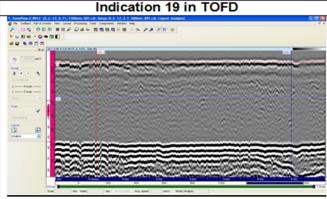
# **Images of Relavant Indications - Continued**











Technician Name Henk Stinis
CGSB Level & Cert. Number UT III 13457

Client Representative

Cam Busby

Signature

Signature

This form property of Ultratest NDT Services • 5925 91St Edmonton, Alberta T6E 6A7 • www.ultratest.ca