



AGNICO EAGLE

Meliadine Project
Agnico Eagle Mines

Item No.	Discussion / Decision	Action By	Required Date												
	fabrication has started. First meeting to be confirmed.														
9.0	<u>COMMERCIAL</u> AEM Contact shall be: <table border="1"> <thead> <tr> <th>Name</th><th>Position</th><th>Email</th><th>Phone</th></tr> </thead> <tbody> <tr> <td>Diane Derome</td><td>Formation CA</td><td>diane.derome@agnicoeagle.com</td><td>T: 438.843.7585</td></tr> <tr> <td>Steve Tauber</td><td>Site CA</td><td>steve.tauber@agnicoeagle.com</td><td>T: 819.759.3555 x 3964</td></tr> </tbody> </table>			Name	Position	Email	Phone	Diane Derome	Formation CA	diane.derome@agnicoeagle.com	T: 438.843.7585	Steve Tauber	Site CA	steve.tauber@agnicoeagle.com	T: 819.759.3555 x 3964
Name	Position	Email	Phone												
Diane Derome	Formation CA	diane.derome@agnicoeagle.com	T: 438.843.7585												
Steve Tauber	Site CA	steve.tauber@agnicoeagle.com	T: 819.759.3555 x 3964												
9.1	ICL to provide the Insurance certificate and latest WCB Letter of good standing.	ICL	Prior to Mobilization												
9.2	<i>Verbal Instructions</i> AEM indicated that while day to day coordination instructions are normal practice, verbal instructions will not be tolerated. All instructions are to be in writing should there be any changes to the schedule and/or the Scope of Work.	Info													
9.3	<i>Contract Site Changes and Change Management</i> <u>General: No work can be executed nor paid unless a formal Contract Change Order (CCO) is fully executed by both Parties.</u> <u>All the below are tools and mechanisms used to capture changes but do not constitute a formal change until it is incorporated in a CCO.</u>	Info													
9.4	<i>Contract Change Order (CCO)</i> Is the formal and only modification to the contract signed by both parties, which must be mutually agreed upon to effect a change to the contract. A Contract Change Order describes the scope, price, schedule, method of payment for a change to the contract.	Info													
9.5	<i>Contract Change Request (CCR)</i> ICL can initiate a request for a Contract Change Order due to different site conditions, construction change or similar event justifying issuance of a Contract Change Order (See attached CCR Template).	Info													
9.6	<i>Progress Payment Certificate (PPC)</i> AEM will create the PPC (Progress Payment Certificate) Template and issue to ICL. ICL to send the PPC for AEM's approval prior to sending the invoice.	Info													
9.7	Contract Signature: The contract is in preparation and will be ready for signature during the second week of February.	Diane	Feb, 2017												



AGNICO EAGLE

Meliadine Project
Agnico Eagle Mines

KICKOFF MEETING FOR
CONTRACT No.6515-C-260-002
FUEL TANKS

Accepted By:

Marc Losier
Dated:

Inukshuk Construction Ltd.

Diane Derome
Dated:

Agnico Eagle Mines Ltd.

Attachments: Distribution List, CCR Form, RFI Form

Field Erected Fuel Storage Tank Handover Package

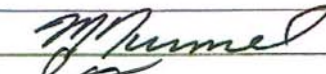
Item 2 – Signature Log

Contents

1. Signature Log

QUALITY CONTROL MANUAL

Exhibit 20a, Rev 0

SIGNATURE LOG			
PRINT	SIGNATURE	COMPANY	DATE
Robert Hoffman		SAS	Sept 30/17.
Keith Breedon		SAS	
Matthew Mackenzie		SAS	
Matthew Turmel		SAS	SEPT 30/17.
Sebastien Ouellet		SAS	SEPT 30/17
Stephane Gionet		AEM	
Clem Bonia		AEM	
Chris Jaques		SAS	Sept 30/17

Field Erected Fuel Storage Tank Handover Package

Item 3 – Welder Qualification

Contents

1. Individual Welder Qualifications / Welder Log

9323-37 Avenue, NW, Edmonton, Alberta T6E 5N4

SHOP: 780-462-1072 OFFICE: 780-462-9797 FAX: 780-462-4664

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

[illegible]

RADIOGRAPHIC EXAMINATION REPORT

Report # G2340

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

Client:	Sub Arc Systems	Client Job #	Welder Coupons	<u>CODES</u> 1. ASME B31.3 N/S 2. ASME B31.3 S/C 3. ASME Sec. VIII Div 1 UW51 4. ASME Sec. VIII Div. 1 UW52 5. CSA Z662 6. CSA Z662 (Sour) 7. API 650 8. Other:
Address:	17 Exploration Way, Devon	P.O. #	Toby	
Contact:	Name: Toby	Date:	June 21/17	
	Phone:			
Work Location:	All Can Inspection Shop	Work Description:	J.OV	

[illegible]

RT Technician:	<u>Gordon Thomas</u>	CGSB Level:	<u>2</u>	Reg. #:	<u>6</u>	SNT-TC-1A Level:	<u>III</u>	SNT-TC-1A No:	<u>6</u>
RT Assistant # 1	<u>Victoria Sarnecki</u>	CEDO #:	<u>21927</u>			SNT-TC-1A Level:	<u>I</u>	SNT-TC-1A No:	<u>21927</u>
RT Assistant # 2		CEDO #:				SNT-TC-1A Level:		SNT-TC-1A No:	

IMPORTANT: See reverse side of this form for All Can Inspection Services (2013) Inc. LIMITED LIABILITY POLICY <i>[Signature]</i> Technician Signature <i>[Signature]</i> Client Representative Signature		June 21/17 Date Evaluation Date	Film Make / Brand: AGFA Screens: Lead Front 0.010" Back 0.010" One (no.) film per screen Film Density in H & D: Min. 2.0 Max. 4.0 Penetrometer (IQI hole type) designation: N/A Recommended Max. U.G.: 0.20" Source Isotope: IRIDIUM-192 (Gamma) Wall Viewing: Single Effective Focal Spot Size: 0.146 inches Processing: Automatic
The above interpretation is a technical opinion, not a guarantee. Client signature indicates acceptance of the report and results. Clock tape marker and start arrow marked on weldment. It is the customer's responsibility to map welds on drawings.			

RADIOGRAPHIC EXAMINATION REPORT

Report # G2341

9323-37 Avenue, NW, Edmonton, Alberta T6E 5N4

SHOP: 780-462-1072 OFFICE: 780-462-9797 FAX: 780-462-4664

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

[illegible]

RADIOGRAPHIC EXAMINATION REPORT

Report # G2342

EMAIL: shop@allcaninspection.com www.allcaninspection.com

Work Description: M.TU

Film Make / Brand		AGFA	Film Class / Type:		1-D5
Screens	Lead	Front	0.010"	Back	0.010* One (no.) film per screen
Film Density in H & D:		Min.	2.0	Max.	4.0
Penetrometer (IQI hole type) designation:			N/A	Recommended Max. U.G.: 0.20"	
Source Isotope:			IRIDIUM-192 (Gamma)	Wall Viewing: Single	
Effective Focal Spot Size:			0.146 inches	Processing: Automatic	

RADIOGRAPHIC EXAMINATION REPORT

9323-37 Avenue, NW, Edmonton, Alberta T6E 5N4

SHOP: 780-462-1072 OFFICE: 780-462-9797 FAX: 780-462-4664

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

[illegible]

RADIOGRAPHIC EXAMINATION REPORT

Report # G2344

EMAIL: shop@allcaninspection.com www.allcaninspection.com

Client:	Sub Arc Systems
Address:	17 Exploration Way, Devon
Contact:	Name: Toby
	Phone:

Client Job # **Welder Coupons**
P.O. # **Toby**
Date: **June 21/17**

CODES

1. ASME B31.3 N/S
2. ASME B31.3 S/C
3. ASME Sec. VIII Div 1 UW51
4. ASME Sec. VIII Div. 1 UW52
5. CSA Z662
6. CSA Z662 (Sour)
7. API 650
8. Other:

Work Description: Q.PO

RT Technician:	<u>Gordon Thomas</u>	CGSB Level:	<u>2</u>	Reg. #:	<u>6</u>	SNT-TC-1A Level:	<u>III</u>	SNT-TC-1A No:	<u>6</u>
RT Assistant # 1	<u>Victoria Sarnecki</u>	CEDO #:	<u>21927</u>			SNT-TC-1A Level:	<u>I</u>	SNT-TC-1A No:	<u>21927</u>
RT Assistant # 2		CEDO #:				SNT-TC-1A Level:		SNT-TC-1A No:	

Technician Signature June 21/17
Date

Client Representative Signature Evaluation Date

The above interpretation is a technical opinion, not a guarantee.
Client signature indicates acceptance of the report and results.
Clock tape marker and start arrow marked on weldment.
It is the customer's responsibility to map welds on drawings.

Film Make / Brand		AGFA		Film Class / Type:		1-D5	
Screens	Lead	Front	0.010"	Back	0.010"	One (no.) film per screen	
Film Density in H & D:		Min.	2.0	Max.	4.0		
Penetrometer (IQI hole type) designation:			N/A		Recommended Max. U.G.: 0.20"		
Source Isotope:		IRIDIUM-192 (Gamma)		Wall Viewing:		Single	
Effective Focal Spot Size:		0.146 inches		Processing:		Automatic	

RADIOGRAPHIC EXAMINATION REPORT

Report # G2345

EMAIL: shop@allcaninspection.com www.allcaninspection.com

Client:	Sub Arc Systems	Client Job #	Welder Coupons	CODES
Address:	17 Exploration Way, Devon	P.O. #	Toby	1. ASME B31.3 N/S
Contact:	Name: Toby	Date:	June 21/17	2. ASME B31.3 S/C
	Phone:			3. ASME Sec. VIII Div 1 UW51
Work Location:	All Can Inspection Shop	Work Description:	D.ZU	4. ASME Sec. VIII Div. 1 UW52
				5. CSA Z662
				6. CSA Z662 (Sour)
				7. API 650
				8. Other:

[illegible]

RT Technician:	<u>Gordon Thomas</u>	CGSB Level:	<u>2</u>	Reg. #:	<u>6</u>	SNT-TC-1A Level:	<u>III</u>	SNT-TC-1A No:	<u>6</u>
RT Assistant # 1	<u>Victoria Sarnecki</u>	CEDO #:	<u>21927</u>			SNT-TC-1A Level:	<u>I</u>	SNT-TC-1A No:	<u>21927</u>
RT Assistant # 2		CEDO #:				SNT-TC-1A Level:		SNT-TC-1A No:	

Technician Signature Mark Warner Date June 21/17

Client Representative Signature K. Bl Evaluation Date _____

The above interpretation is a technical opinion, not a guarantee.
Client signature indicates acceptance of the report and results.
Clock tape marker and start arrow marked on weldment.
It is the customer's responsibility to map welds on drawings.

Film Make / Brand	AGFA	Film Class / Type:	1-D5
Screens	Lead	Front	0.010"
		Back	0.010"
		One (no.) film per screen	
Film Density in H & D:	Min. 2.0	Max.	4.0
Penetrometer (OI hole type) designation:	N/A	Recommended Max. U.G.:	0.20"
Source Isotope:	IRIDIUM-192 (Gamma)	Wall Viewing:	Single
Effective Focal Spot Size:	0.146 inches	Processing:	Automatic

RADIOGRAPHIC EXAMINATION REPORT

Report # G2346

EMAIL: shop@allcaninspection.com www.allcaninspection.com

CODES

1. ASME B31.3 N/S
2. ASME B31.3 S/C
3. ASME Sec. VIII Div 1 UW51
4. ASME Sec. VIII Div. 1 UW52
5. CSA Z662
6. CSA Z662 (Sour)
7. API 650
8. Other:

Work Description: D,ZE

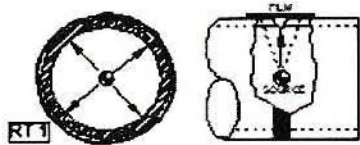
Film Make / Brand	AGFA		Film Glass / Type:	1-D5
Screens	Lead	Front 0.010"	Back 0.010"	One (no.) film per screen
Film Density in H & D:	Min.	2.0	Max.	4.0
Penetrometer (IQI hole type) designation:	N/A		Recommended Max. U.G.:	0.20"
Source Isotope:	IRIDIUM-192 (Gamma)		Wall Viewing:	Single
Effective Focal Spot Size:	0.146 inches		Processing:	Automatic

RADIOGRAPHIC EXAMINATION REPORT

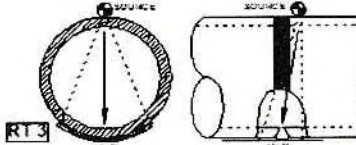
RADIOGRAPHIC EXAMINATION TECHNIQUE REFERENCE SHEET

ALL CAN INSPECTION SERVICES (2011) INC. RT TECHNIQUES
ALL CAN INSPECTION SERVICES (2011) INC. GENERAL RT PROCEDURE

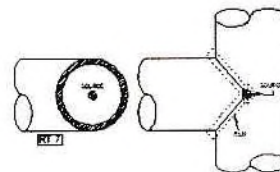
Important Note: Always check the QA/Procedures Manual for the most current Procedure Revision status.



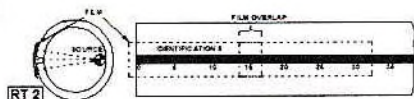
Tech #RT-1: Vessel Circumferential Weld
1 Exposure: QA Subsection 15.12.1



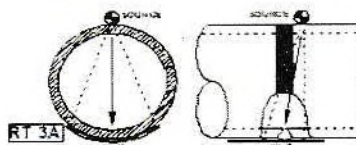
Tech #RT-3: Circ. Weld - Contact - Light Wall
3 Exposures@120° Spacing: QA Subsection 15.12.6



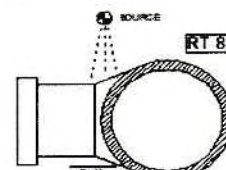
Tech #RT-7: Mitered "T" Joint - Single Wall - Source centered Exposures as required: QA Subsection 15.12.11



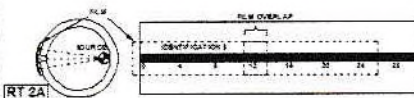
Tech #RT-2: Long. Weld - Light Wall - Source Inside
1 Exposure/15 inches: QA Subsection 15.12.2



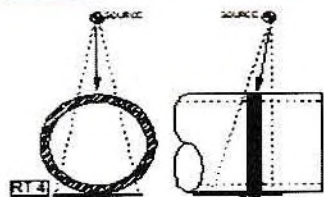
Tech #RT-3A: Circ. Weld - Contact - Heavy Wall
4 Exposures@90° Spacing: QA Subsection 15.12.7



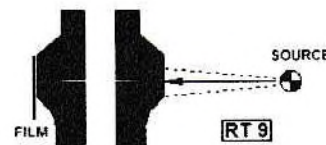
Tech #RT-8: Category "D" Weld
Exposures as required: QA Subsection 15.12.12



Tech #RT-2A: Long. Weld - Heavy Wall - Source Inside
1 Exposure/12 inches: QA Subsection 15.12.3



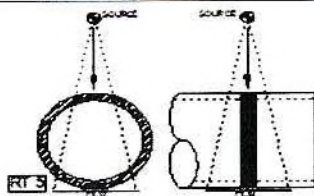
Tech #RT-4: Circ. Weld - Dbl Wall - Ellipse
2 Exposures@90° Spacing: QA Subsection 15.12.8



Tech #RT-9: Gap Check
1 Exposure: QA Subsection 15.12.13



Tech #RT-2B: Long. Weld - Light Wall - Source Outside
1 Exposure/15 inches: QA Subsection 15.12.4

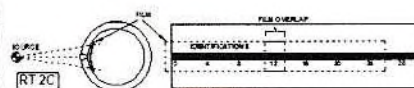


Tech #RT-5: Circ. Weld - Double Wall - Superimposed
3 Exposures@60° Spacing: QA Subsection 15.12.9

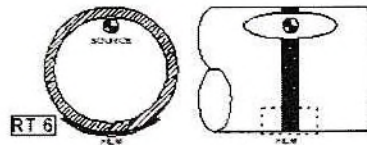
Penetrant (IQI) Reference

1. ASTM A
2. ASTM B
3. ASTM C
4. FEEN/EN-462

5. DIN/EN-462 Set/Size 1 (Wire range 1 - 7)
6. DIN/EN 462 Set/Size 6 (Wire range 6 - 12)
7. DIN/EN-462 Set/Size 10 (Wire range 10 - 16)
8. DIN/EN-462 Set/Size 13 (Wire range 13 - 19)
9. Hole Type: Indicate IQI Designation Number



Tech #RT-2C: Long. Weld - Heavy Wall - Source Outside
1 Exposure/12 inches: QA Subsection 15.12.5



Tech #RT-6: Circumferential Weld - Source not Centered
Exposures as required: QA Subsection 15.12.10

IMPORTANT INFORMATION:

Scope of Services & Limits of Liability:

All Can Inspection Services (2011) Inc. does not warranty or imply warranty of services stated herein and shall not be held liable for services rendered as per established service agreements. At no time shall liability be placed upon All Can Inspection Services (2011) Inc. of which exceeds the amount paid for said services.

All Can Inspection Services shall utilize appropriate quality assurance measures, technical training, and safety parameters to assure services are provided to meet or exceed established NDE procedures, Practices and industry expectations and at no time shall warranty excess NDE services except those established in writing beyond those established prior to the services provided herein.

Report # G2616

EMAIL: shop@allcaninspection.com www.allcaninspection.com

Client Job #	Coupon
P.O. #	Toby
Date:	Aug 1/17

1. ASME B31.3 N/S
2. ASME B31.3 S/C
3. ASME Sec. VIII Div. 1 UW51
4. ASME Sec. VIII Div. 1 UW52
5. CSA Z662
6. CSA Z662 (Sour)
7. API 650
8. ASME IX (QW-191.2)

Work Description: Joe Niederhoff

[illegible]

RADIOGRAPHIC EXAMINATION REPORT

Report # G2615

EMAIL: shop@allcaninspection.com www.allcaninspection.com

CODES

1. ASME B31.3 N/S
2. ASME B31.3 S/C
3. ASME Sec. VIII Div 1 UW51
4. ASME Sec. VIII Div. 1 UW52
5. CSA Z662
6. CSA Z662 (Sour)
7. API 650
8. ASME IX (QW-191.2)

[illegible]

SNT-TC-1A Level: _____ SNT-TC-1A No: _____

Film Make / Brand		AGFA		Film Class / Type:		1-D5	
Screens	Lead	Front	0.010"	Back	0.010"	One (no.) film per screen	
Film Density in H & D:		Min.	2.0	Max.	4.0		
Pantometer (IQI hole type) designation:		N/A		Recommended Max. U.G.:		0.20"	
Source Isotope:		IRIDIUM-192 (Gamma)		Wall Viewing:		Single	
Effective Focal Spot Size:		0.148 inches		Processing:		Automatic	

RADIOGRAPHIC EXAMINATION REPORT

Report # G2614

EMAIL: shop@allcaninspection.com www.allcaninspection.com

Work Description: Mitch Gouligier

[illegible]

RADIOGRAPHIC EXAMINATION REPORT

Report # G2613

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

Client:	Sub Arc Systems	Client Job #	Coupon	CODES
Address:	17 Exploration Way, Devon	P.O. #	Toby	1. ASME B31.3 N/S
Contact:	Name: Toby	Date:	Aug 1/17	2. ASME B31.3 S/C
	Phone:			3. ASME Sec. VIII Div. 1 UW51
Work Location:	All Can Inspection Shop	Work Description:	Chris Jaques	4. ASME Sec. VIII Div. 1 UW52
				5. CSA Z662
				6. CSA Z662 (Sour)
				7. API 650
				8. ASME IX (QW-191.2)

[illegible]

RT Technician:	<u>Gordon Thomas</u>	CGSB Level:	<u>2</u>	Reg. #:	<u>6</u>	SNT-TC-1A Level:	<u>III</u>	SNT-TC-1A No:	<u>6</u>
RT Assistant # 1	<u> </u>	CEDO #:	<u> </u>			SNT-TC-1A Level:	<u> </u>	SNT-TC-1A No:	<u> </u>
RT Assistant # 2	<u> </u>	CEDO #:	<u> </u>			SNT-TC-1A Level:	<u> </u>	SNT-TC-1A No:	<u> </u>

Technician Signature Aug 1/17
Date

Client Representative Signature K. B. Evaluation Date _____

Clock tape marker and start arrow marked on weldment.
It is the customer's responsibility to map welds on drawings.

Film Make / Brand	AGFA	Film Glass / Type:	1-D5
Screens	Lead	Front	0.010"
		Back	0.010"
Film Density in H & D:	Min.	2.0	Max. 4.0
Panorometer (IG) hole type designation:	N/A	Recommended Max. U.G.:	0.20"
Source Isotope:	IRIDIUM-192 (Gamma)	Wall Viewing:	Single
Effective Focal Spot Size:	0.146 inches	Processing:	Automatic

RADIOGRAPHIC EXAMINATION REPORT

9323-37 Avenue, NW, Edmonton, Alberta T6E 5N4

SHOP: 780-462-1072 OFFICE: 780-462-9797 FAX: 780-462-4664

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

[illegible]

RADIOGRAPHIC EXAMINATION REPORT

Report # G2574

PAGE 1 OF 1

RADIOGRAPHIC EXAMINATION REPORT

9323-37 Avenue, NW, Edmonton, Alberta T6E 5N4

SHOP: 780-462-1072 OFFICE: 780-462-9797 FAX: 780-462-4664

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

[illegible]

RADIOGRAPHIC EXAMINATION REPORT

Report # G2572

9323-37 Avenue, NW, Edmonton, Alberta T6E 5N4

SHOP: 780-462-1072 OFFICE: 780-462-9797 FAX: 780-462-4664

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

[illegible]

Report # G2571

EMAIL: shop@allcaninspection.com www.allcaninspection.com

Client Job # **Welder Coupons**
P.O. # **Toby**
Date: **July 26/17**

Work Location:	All Can Inspection Shop	Work Description:	T.MO
----------------	-------------------------	-------------------	------

RT Technician:	<u>Gordon Thomas</u>	CGSB Level:	<u>2</u>	Reg. #:	<u>6</u>	SNT-TC-1A Level:	<u>III</u>	SNT-TC-1A No:	<u>6</u>
RT Assistant # 1	<u>Adele Kezama</u>	CEDO #:	<u>18988</u>			SNT-TC-1A Level:	<u>II</u>	SNT-TC-1A No:	<u>18988</u>
RT Assistant # 2	<u></u>	CEDO #:	<u></u>			SNT-TC-1A Level:	<u></u>	SNT-TC-1A No:	<u></u>

The above interpretation is a technical opinion, not a guarantee.
Client signature indicates acceptance of the report and results.
Clock tape marker and start arrow marked on weldment.
It is the customer's responsibility to map welds on drawings.

Film Make / Brand		AGFA		Film Class / Type:	1-D5
Screens	Lead	Front	0.010"	Back	0.010"
		One (no.) film per screen			
Film Density in H & D:		Min	2.0	Max.	4.0
Penetrometer (IIC hole type) designation:		N/A		Recommended Max. U.G.: 0.20"	
Source Isotope:		IRIDIUM-192 (Gamma)		Wall Viewing:	Single
Effective Focal Spot Size:		0.146 inches		Processing:	Automatic

RADIOGRAPHIC EXAMINATION REPORT

ALL CAN INSPECTION SERVICES (2011) INC.

Report # G2570

9323-37 Avenue, NW, Edmonton, Alberta T6E 5N4

SHOP: 780-462-1072 OFFICE: 780-462-9797 FAX: 780-462-4664

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

Client:	Sub Arc Systems	Client Job #	Welder Coupons	CODES 1. ASME B31.3 N/S 2. ASME B31.3 S/C 3. ASME Sec. VIII Div 1 UW51 4. ASME Sec. VIII Div. 1 UW52 5. CSA Z662 6. CSA Z662 (Sour) 7. API 650 8. ASME IX (QW-191.2)
Address:	17 Exploration Way, Devon	P.O. #	Toby	
Contact:	Name: Toby	Date:	July 26/17	
	Phone:			
Work Location:	All Can Inspection Shop	Work Description:	J.Hi	

NDE No:	Size & thickness Plus Code Max. reinforcement	Material	Code	IQI	Technique Number	Source Side of Object to Film Distance	Source to Object Distance	Number of Exposures	Welder ID	LF - Lack of Fusion IP - Incomplete Penetration IC - Internal Concavity BT - Burn Through TI - Tungsten Inclusion IU - Internal Undercut EU - External Undercut EP - Excessive Penetration P - Porosity S - Slag HL - High-Low C - Crack AB - Arc Burn HB - Hollow Bead	Severity	Accept	Reject
										Severity: 1 = Slight, 2 = Medium, 3 = Severe (Reject)			
										Discontinuity	1-3	V	X
20 SMAW-SAS 1	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	J.Hi			V	
30 SMAW-SAS 1	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	J.Hi			V	
40 SMAW-SAS 1	5/8" SPOT	P1	8	2	RT-2	0.750	25.000	1	J.Hi			V	

RT Technician: <u>Gordon Thomas</u>	CGSB Level: <u>2</u>	Reg. #: <u>6</u>	SNT-TC-1A Level: <u>III</u>	SNT-TC-1A No: <u>6</u>
RT Assistant # 1: <u>Adele Kezama</u>	CEDO #: <u>18988</u>		SNT-TC-1A Level: <u>II</u>	SNT-TC-1A No: <u>18988</u>
RT Assistant # 2: _____	CEDO #: _____		SNT-TC-1A Level: _____	SNT-TC-1A No: _____

IMPORTANT: See reverse side of this form for All Can Inspection Services (2011) Inc. LIMITED LIABILITY POLICY

Technician Signature: [Signature] Date: July 26/17

Client Representative Signature: [Signature] Evaluation Date: _____

The above interpretation is a technical opinion, not a guarantee.
 Client signature indicates acceptance of the report and results.
 Clock tape marker and start arrow marked on weldment.
 It is the customer's responsibility to map welds on drawings.

Film Make / Brand	AGFA	Film Class / Type:	I-D5
Screens	Lead	Front 0.010"	Back 0.010"
		One (no.) film per screen	
Film Density in H & C:	Min. 2.0	Max. 4.0	
Penetrometer (IQI hole type) designation:	N/A	Recommended Max. U.G.:	0.20"
Source Isotope:	IRIDIUM-192 (Gamma)	Well Viewing:	Single
Effective Focal Spot Size:	0.146 inches	Processing:	Automatic

RADIOGRAPHIC EXAMINATION REPORT

Report # G2779

EMAIL: shop@allcaninspection.com www.allcaninspection.com

Client:	Sub Arc Systems	Client Job #	Welder Coupons	CODES
Address:	17 Exploration Way, Devon	P.O. #	Sebastian	1. ASME B31.3 N/S
Contact:	Name: Sebastian	Date:	May 22/18	2. ASME B31.3 S/C
	Phone:			3. ASME Sec. VIII Div 1 UW51
Work Location:	All Can Inspection Shop	Work Description:	L.MA	4. ASME Sec. VIII Div. 1 UW52
				5. CSA Z662
				6. CSA Z662 (Sour)
				7. API 650
				8. Other:

RT Technician:	<u>Gordon Thomas</u>	CGSB Level:	<u>2</u>	Reg. #:	<u>6</u>	SNT-TC-1A Level:	<u>III</u>	SNT-TC-1A No:	<u>6</u>
RT Assistant # 1	<u>Ken Brunlees</u>	CEDO #:	<u>15425</u>			SNT-TC-1A Level:	<u>II</u>	SNT-TC-1A No:	<u>15425</u>
RT Assistant # 2		CEDO #:				SNT-TC-1A Level:		SNT-TC-1A No:	

Film Make / Brand		AGFA		Film Class / Type:		1-D5	
Screens	Lead	Front	0.010"	Back	0.010"	One (no.) film per screen	
Film Density in H & D:		Min.	2.0	Max.	4.0		
Penetrometer (IQI hole type) designation:		N/A		Recommended Max. U.G.:		0.20"	
Source Isotope:		IRIDIUM-192 (Gamma)		Wall Viewing:		Single	
Effective Focal Spot Size:		0.146 inches		Processing:		Automatic	

RADIOGRAPHIC EXAMINATION REPORT

9323-37 Avenue, NW, Edmonton, Alberta T6E 5N4

SHOP: 780-462-1072 OFFICE: 780-462-9797 FAX: 780-462-4664

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

[illegible]

RADIOGRAPHIC EXAMINATION REPORT

Report # G2340

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

Client:	Sub Arc Systems	Client Job #	Welder Coupons	<u>CODES</u> 1. ASME B31.3 N/S 2. ASME B31.3 S/C 3. ASME Sec. VIII Div 1 UW51 4. ASME Sec. VIII Div. 1 UW52 5. CSA Z662 6. CSA Z662 (Sour) 7. API 650 8. Other:
Address:	17 Exploration Way, Devon	P.O. #	Toby	
Contact:	Name: Toby	Date:	June 21/17	
	Phone:			
Work Location:	All Can Inspection Shop	Work Description:	J.OV	

[illegible]

RT Technician:	<u>Gordon Thomas</u>	CGSB Level:	<u>2</u>	Reg. #:	<u>6</u>	SNT-TC-1A Level:	<u>III</u>	SNT-TC-1A No:	<u>6</u>
RT Assistant # 1	<u>Victoria Sarnecki</u>	CEDO #:	<u>21927</u>			SNT-TC-1A Level:	<u>I</u>	SNT-TC-1A No:	<u>21927</u>
RT Assistant # 2		CEDO #:				SNT-TC-1A Level:		SNT-TC-1A No:	

IMPORTANT: See reverse side of this form for All Can Inspection Services (2013) Inc. LIMITED LIABILITY POLICY <i>[Signature]</i> Technician Signature <i>[Signature]</i> Client Representative Signature		June 21/17 Date Evaluation Date	Film Make / Brand: AGFA Screens: Lead Front 0.010" Back 0.010" One (no.) film per screen Film Density in H & D: Min. 2.0 Max. 4.0 Penetrometer (IQI hole type) designation: N/A Recommended Max. U.G.: 0.20" Source Isotope: IRIDIUM-192 (Gamma) Wall Viewing: Single Effective Focal Spot Size: 0.146 inches Processing: Automatic
The above interpretation is a technical opinion, not a guarantee. Client signature indicates acceptance of the report and results. Clock tape marker and start arrow marked on weldment. It is the customer's responsibility to map welds on drawings.			

RADIOGRAPHIC EXAMINATION REPORT

Report # G2341

9323-37 Avenue, NW, Edmonton, Alberta T6E 5N4

SHOP: 780-462-1072 OFFICE: 780-462-9797 FAX: 780-462-4664

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

[illegible]

RADIOGRAPHIC EXAMINATION REPORT

Report # G2342

EMAIL: shop@allcaninspection.com www.allcaninspection.com

Work Description: M.TU

Film Make / Brand		AGFA	Film Class / Type:		1-D5
Screens	Lead	Front	0.010"	Back	0.010* One (no.) film per screen
Film Density in H & D:		Min.	2.0	Max.	4.0
Penetrometer (IQI hole type) designation:			N/A	Recommended Max. U.G.: 0.20"	
Source Isotope:			IRIDIUM-192 (Gamma)		Wall Viewing: Single
Effective Focal Spot Size:		0.146 inches		Processing:	Automatic

RADIOGRAPHIC EXAMINATION REPORT

Report # G2343

EMAIL: shop@allcaninspection.com www.allcaninspection.com

Client:	Sub Arc Systems	Client Job #	Welder Coupons	<u>CODES</u>
Address:	17 Exploration Way, Devon	P.O. #	Toby	1. ASME B31.3 N/S
Contact:	Name: Toby	Date:	June 21/17	2. ASME B31.3 S/C
	Phone:			3. ASME Sec. VIII Div 1 UW51
				4. ASME Sec. VIII Div. 1 UW52
				5. CSA Z662
				6. CSA Z662 (Sour)
				7. API 650
Work Location:	All Can Inspection Shop	Work Description:	M.MA	8. Other:

[illegible]

RT Technician:	<u>Gordon Thomas</u>	CGSB Level:	<u>2</u>	Reg. # :	<u>6</u>	SNT-TC-1A Level:	<u>III</u>	SNT-TC-1A No:	<u>6</u>
RT Assistant # 1	<u>Victoria Sarnecki</u>	CEDO #:	<u>21927</u>			SNT-TC-1A Level:	<u>I</u>	SNT-TC-1A No:	<u>21927</u>
RT Assistant # 2		CEDO #:				SNT-TC-1A Level:		SNT-TC-1A No:	

Technician Signature Mark Klamm Date June 21/17

Client Representative Signature [Signature] Evaluation Date _____

The above interpretation is a technical opinion, not a guarantee.
Client signature indicates acceptance of the report and results.
Clock tape marker and start arrow marked on weldment.
It is the customer's responsibility to map welds on drawings.

Film Make / Brand	AGFA	Film Class / Type:	1-D5
Screens	Lead	Front	0.010"
		Back	0.010"
Film Density in H & D:	Min. 2.0	One (no.) film per screen	
		Max. 4.0	
Penetrometer (IQI hole type) designation:	N/A	Recommended Max. U.G.:	0.20"
Source Isotope:	IRIDIUM-192 (Gamma)	Wall Viewing:	Single
Effective Focal Spot Size:	0.146 inches	Processing:	Automatic

RADIOGRAPHIC EXAMINATION REPORT

Report # G2345

9323-37 Avenue, NW, Edmonton, Alberta T6E 5N4

SHOP: 780-462-1072 OFFICE: 780-462-9797 FAX: 780-462-4664

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

[illegible]

RADIOGRAPHIC EXAMINATION REPORT

9323-37 Avenue, NW, Edmonton, Alberta T6E 5N4

SHOP: 780-462-1072 OFFICE: 780-462-9797 FAX: 780-462-4664

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

Client:	Sub Arc Systems	Client Job #	Welder Coupons	CODES
Address:	17 Exploration Way, Devon	P.O. #	Toby	1. ASME B31.3 N/S
Contact:	Name: Toby	Date:	June 21/17	2. ASME B31.3 S/C
	Phone:			3. ASME Sec. VIII Div 1 UW51
				4. ASME Sec. VIII Div. 1 UW52
				5. CSA Z662
				6. CSA Z662 (Sour)
				7. API 650
Work Location:	All Can Inspection Shop	Work Description:	D,ZE	8. Other:

[illegible]

RT Technician:	<u>Gordon Thomas</u>	CGSB Level:	<u>2</u>	Reg. #:	<u>6</u>	SNT-TC-1A Level:	<u>III</u>	SNT-TC-1A No:	<u>6</u>
RT Assistant #1	<u>Victoria Sarnecki</u>	CEDO #:	<u>21927</u>			SNT-TC-1A Level:	<u>I</u>	SNT-TC-1A No:	<u>21927</u>
RT Assistant #2		CEDO #:				SNT-TC-1A Level:		SNT-TC-1A No:	

IMPORTANT: See reverse side of this form for All Can Inspection Services (2011) Inc. LIMITED LIABILITY POLICY

Robert Klamm
Technician Signature

[Signature]
Client Representative Signature

June 21/17
Date

Evaluation Date

The above interpretation is a technical opinion, not a guarantee.
Client signature indicates acceptance of the report and results.
Clock tape marker and start arrow marked on weldment.
It is the customer's responsibility to map welds on drawings.

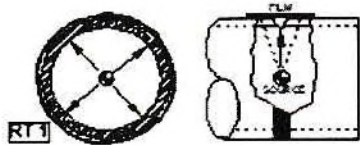
Film Make / Brand	AGFA		Film Class / Type:	1-D5
Screens	Lead	Front 0.010"	Back 0.010"	One (no.) film per screen
Film Density in H & D:	Min.	2.0	Max.	4.0
Penetrometer (IQI hole type) designation:	N/A		Recommended Max. U.G.:	0.20"
Source Isotope:	IRIDIUM-192 (Gamma)		Wall Viewing:	Single
Effective Focal Spot Size:	0.146 inches		Processing:	Automatic

RADIOGRAPHIC EXAMINATION REPORT

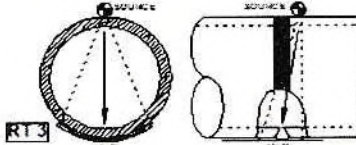
RADIOGRAPHIC EXAMINATION TECHNIQUE REFERENCE SHEET

ALL CAN INSPECTION SERVICES (2011) INC. RT TECHNIQUES
ALL CAN INSPECTION SERVICES (2011) INC. GENERAL RT PROCEDURE

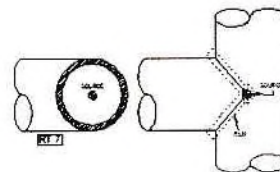
Important Note: Always check the QA/Procedures Manual for the most current Procedure Revision status.



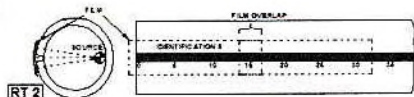
Tech #RT-1: Vessel Circumferential Weld
1 Exposure: QA Subsection 15.12.1



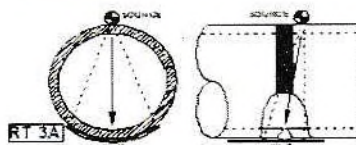
Tech #RT-3: Circ. Weld – Contact – Light Wall
3 Exposures@120° Spacing: QA Subsection 15.12.6



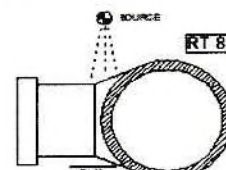
Tech #RT-7: Mitered "T" Joint - Single Wall - Source centered Exposures as required: QA Subsection 15.12.11



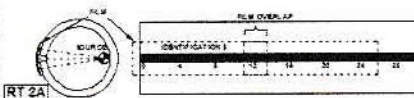
Tech #RT-2: Long. Weld - Light Wall – Source Inside
1 Exposure/15 inches: QA Subsection 15.12.2



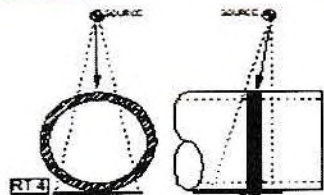
Tech #RT-3A: Circ. Weld – Contact – Heavy Wall
4 Exposures@90° Spacing: QA Subsection 15.12.7



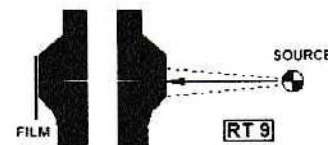
Tech #RT-8: Category "D" Weld
Exposures as required: QA Subsection 15.12.12



Tech #RT-2A: Long. Weld - Heavy Wall – Source Inside
1 Exposure/12 inches: QA Subsection 15.12.3



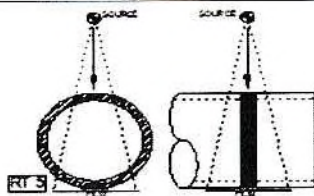
Tech #RT-4: Circ. Weld – Dbl Wall – Ellipse
2 Exposures@90° Spacing: QA Subsection 15.12.8



Tech #RT-9: Gap Check
1 Exposure: QA Subsection 15.12.13



Tech #RT-2B: Long. Weld – Light Wall – Source Outside
1 Exposure/15 inches: QA Subsection 15.12.4

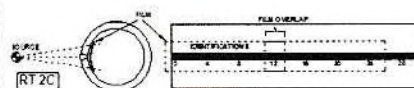


Tech #RT-5: Circ. Weld – Double Wall – Superimposed
3 Exposures@60° Spacing: QA Subsection 15.12.9

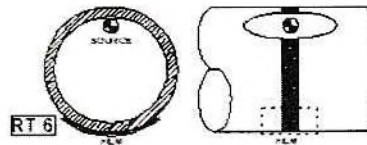
Penetrant (IQI) Reference

1. ASTM A
2. ASTM B
3. ASTM C
4. FEEN/EN-462

5. DIN/EN-462 Set/Size 1 (Wire range 1 - 7)
6. DIN/EN 462 Set/Size 6 (Wire range 6 - 12)
7. DIN/EN-462 Set/Size 10 (Wire range 10 - 16)
8. DIN/EN-462 Set/Size 13 (Wire range 13 - 19)
9. Hole Type: Indicate IQI Designation Number



Tech #RT-2C: Long. Weld – Heavy Wall – Source Outside
1 Exposure/12 inches: QA Subsection 15.12.5



Tech #RT-6: Circumferential Weld - Source not Centered
Exposures as required: QA Subsection 15.12.10

IMPORTANT INFORMATION:

Scope of Services & Limits of Liability:

All Can Inspection Services (2011) Inc. does not warranty or imply warranty of services stated herein and shall not be held liable for services rendered as per established service agreements. At no time shall liability be placed upon All Can Inspection Services (2011) Inc. of which exceeds the amount paid for said services.

All Can Inspection Services shall utilize appropriate quality assurance measures, technical training, and safety parameters to assure services are provided to meet or exceed established NDE procedures, Practices and industry expectations and at no time shall warranty excess NDE services except those established in writing beyond those established prior to the services provided herein.

Report # G2616

EMAIL: shop@allcaninspection.com www.allcaninspection.com

Work Description: Joe Niederhoff

RADIOGRAPHIC EXAMINATION REPORT

Report # G2615

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

CODES

1. ASME B31.3 N/S
2. ASME B31.3 S/C
3. ASME Sec. VIII Div. 1 UW51
4. ASME Sec. VIII Div. 1 UW52
5. CSA Z662
6. CSA Z662 (Sour)
7. API 650
8. ASME IX (QW-191.2)

LF - Lack of Fusion	EP - Excessive Penetration
IP - Incomplete Penetration	P - Porosity
IC - Internal Concavity	S - Slag
BT - Burn Through	HL - High-Low
TI - Tungsten Inclusion	C - Crack
IU: Internal Undercut	AB - Arc Burn
EU: External Undercut	HB - Hollow Bead

IMPORTANT: See reverse side of this form for All Can Inspection Services (2011) Inc. LIMITED LIABILITY POLICY

The above interpretation is a technical opinion, not a guarantee.
Client signature indicates acceptance of the report and results.
Clock tape marker and start arrow marked on weldment.
It is the customer's responsibility to map welds on drawings.

Film Make / Brand		AGFA		Film Class / Type:		1-D5	
Screens	Lead	Front	0.010"	Back	0.010"	One (no.) film per screen	
Film Density in H & D:		Min.	2.0	Max.	4.0		
Pantometer (IQI hole type) designation:		N/A		Recommended Max. U.G.:		0.20"	
Source Isotope:		IRIDIUM-192 (Gamma)		Wall Viewing:		Single	
Effective Focal Spot Size:		0.148 inches		Processing:		Automatic	

RADIOGRAPHIC EXAMINATION REPORT

Report # G2614

EMAIL: shop@allcaninspection.com www.allcaninspection.com

Work Description: Mitch Gouligier

NDE No:	Size & thickness Plus Code Max. reinforcement	Material	Code	IQI	Technique Number	Source Side of Object to Film Distance	Source to Object Distance	Number of Exposures	Weider ID	Defects		Severity	Accept	Reject
										LF - Lack of Fusion	EP - Excessive Penetration			
SAW 2G	5/8" Spot	P1	8	2	RT-2	0.750	25.000	1	M.G.O	LF - Lack of Fusion IP - Incomplete Penetration IC - Internal Concavity BT - Burn Through TI - Tungsten Inclusion IU - Internal Undercut EU - External Undercut EP - Excessive Penetration P - Porosity S - Slag HL - High-Low C - Crack AB - Arc Burn HB - Hollow Bead		1-3	V	X
										Severity: 1 = Slight, 2 = Medium, 3 = Severe (Reject)				
										Discontinuity				

RT Technician: Gordon Thomas
RT Assistant # 1
RT Assistant # 2

CGSB Level: 2
CEDO #:
CEDO #:

Reg. #: 6
SNT-TC-1A Level: III
SNT-TC-1A Level:
SNT-TC-1A Level:

SNT-TC-1A No: 6
SNT-TC-1A No:
SNT-TC-1A No:

IMPORTANT: See reverse side of this form for All Can Inspection Services (2013) Inc. LIMITED LIABILITY POLICY

Technician Signature: *Gordon Thomas* Date: Aug 1/17

Client Representative Signature: *[Signature]* Evaluation Date:

The above interpretation is a technical opinion, not a guarantee.
Client signature indicates acceptance of the report and results.
Clock tape marker and start arrow marked on weldment.
It is the customer's responsibility to map welds on drawings.

Film Make / Brand: AGFA
Screens: Lead
Film Density in H & D: Min. 2.0 Max. 4.0
Penetrometer (IQI hole type) designation: N/A
Source Isotope: Iridium-192 (Gamma)
Effective Focal Spot Size: 0.146 inches

Film Class / Type: 1-D6
Back: 0.010" One (no.) film per screen
Max. 4.0
Recommended Max. U.G.: 0.20"
Wall Viewing: Single
Processing: Automatic

RADIOGRAPHIC EXAMINATION REPORT

Report # G2613

EMAIL: shop@allcaninspection.com www.allcaninspection.com

Client:	Sub Arc Systems	Client Job #	Coupon	CODES
Address:	17 Exploration Way, Devon	P.O. #	Toby	1. ASME B31.3 N/S
Contact:	Name: Toby	Date:	Aug 1/17	2. ASME B31.3 S/C
	Phone:			3. ASME Sec. VIII Div 1 UW51
Work Location:	All Can Inspection Shop	Work Description:	Chris Jaques	4. ASME Sec. VIII Div. 1 UW52
				5. CSA Z662
				6. CSA Z662 [Sour]
				7. API 650
				8. ASME IX (QW-191.2)

RT Technician:	<u>Gordon Thomas</u>	CGSB Level:	<u>2</u>	Reg. #:	<u>6</u>	SNT-TC-1A Level:	<u>iii</u>	SNT-TC-1A No:	<u>6</u>
RT Assistant # 1	<u> </u>	CEDO #:	<u> </u>			SNT-TC-1A Level:	<u> </u>	SNT-TC-1A No:	<u> </u>
RT Assistant # 2	<u> </u>	CEDO #:	<u> </u>			SNT-TC-1A Level:	<u> </u>	SNT-TC-1A No:	<u> </u>

Clock tape marker and start arrow marked on weldment.
It is the customer's responsibility to map welds on drawings.

Film Make / Brand	AGFA	Film Class / Type:	1-D5
Screens	Lead	Front	0.010"
		Back	0.010"
			One (no.) film per screen
Film Density in H & D:	Min.	2.0	Max.
			4.0
Pantometer (KJ) hole type designation:	N/A	Recommended Max. U.G.:	0.20"
Source Isotope:	IRIDIUM-192 (Gamma)	Wall Viewing:	Single
Effective Focal Spot Size:	0.146 inches	Processing:	Automatic

RADIOGRAPHIC EXAMINATION REPORT

9323-37 Avenue, NW, Edmonton, Alberta T6E 5N4

SHOP: 780-462-1072 OFFICE: 780-462-9797 FAX: 780-462-4664

EMAIL: shop@allcaninspection.com www.allcaninspection.com

PAGE 1 OF 1

[illegible]

RADIOGRAPHIC EXAMINATION REPORT

Report # G2574

EMAIL: shop@allcaninspection.com www.allcaninspection.com

Client:	Sub Arc Systems	Client Job #	Welder Coupons	<u>CODES</u>
Address:	17 Exploration Way, Devon	P.O. #	Toby	1. ASME B31.3 N/S
Contact:	Name: Toby	Date:	July 26/17	2. ASME B31.3 S/C
	Phone:			3. ASME Sec. VIII Div 1 UW51
Work Location:	All Can Inspection Shop	Work Description:	J.OV	4. ASME Sec. VIII Div. 1 UW52
				5. CSA 2662
				6. CSA 2662 (Sour)
				7. API 650
				8. ASME IX (QW-191.2)

RT Technician:	<u>Gordon Thomas</u>	CGSB Level:	<u>2</u>	Reg. #:	<u>6</u>	SNT-TC-1A Level:	<u>III</u>	SNT-TC-1A No:	<u>6</u>
RT Assistant # 1	<u>Adele Kezama</u>	CEDO #:	<u>18988</u>			SNT-TC-1A Level:	<u>II</u>	SNT-TC-1A No:	<u>18988</u>
RT Assistant # 2	<u></u>	CEDO #:	<u></u>			SNT-TC-1A Level:	<u></u>	SNT-TC-1A No:	<u></u>

Film Make / Brand		AGFA		Film Class / Type:		1-D5	
Screens	Lead	Front	0.010"	Back	0.010"	One (no.) film per screen	
Film Density in H & D:		Min.	2.0	Max.	4.0		
Panelometer (IQI hole type) designation:			N/A		Recommended Max. U.G.: 0.20"		
Source Isotope:		Iridium-192 (Gamma)		Wall Viewing:		Single	
Effective Focal Spot Size:		0.146 inches		Processing:		Automatic	

RADIOGRAPHIC EXAMINATION REPORT