



REES N.D.T. INSPECTION SERVICES 2008 LTD.



GRANDE PRAIRIE - FT. NELSON - HIGH LEVEL - BONNYVILLE - LLOYDMINSTER

www.reesndt.com

GRANDE PRAIRIE: (780) 539-3594 G.P. FAX: (780) 532-8047 DISPATCH: 1-888-540-3594

15612-89 Street Grande Prairie AB T8V 2N8

email: ronvader@reesndt.com

- Non-Destructive Testing • UT MPI LPI
- Wall Thickness Testing • Hardness test
- Crane and Picker Certification
- Drilling Rig Certification
- Materials Consulting
- Failure Analysis
- Corrosion Monitoring
- Weld Procedures (WPS, PQR)
- Quality Control
- Predictive Maintenance
- Computer Generated Drawings (CAD)

Consigned to FMC Technologies Canada Ltd. (Production Testing)

Date 17-Jul-13

Address 8821 102 Street
Clairmont AB
T0H 0W0

Workorder 145309

Purchase Order#

Location FMC GP Yard

Customer FMC Technologies Canada Ltd.
(Production Testing) LH-0032

Visual - Ultrasonic - Corrosion

Date	Description of charge	Hours	Rate	Price
17-Jul-13	Inspector & Equipment for a Visual - Ultrasonic - Corrosion inspection of 1 BYPASS MANIFOLD S/N 6J121251-A/6J121251-B for FMC Technologies Canada Ltd. (Production Testing) LH-0032	1.50	\$175.00	\$262.50
Line Item Sub Total				\$262.50
Enviro Charge				\$10.00
Consumables				\$10.00
Sub Total				\$282.50
GST @ 5%				\$14.13
Total				\$296.63



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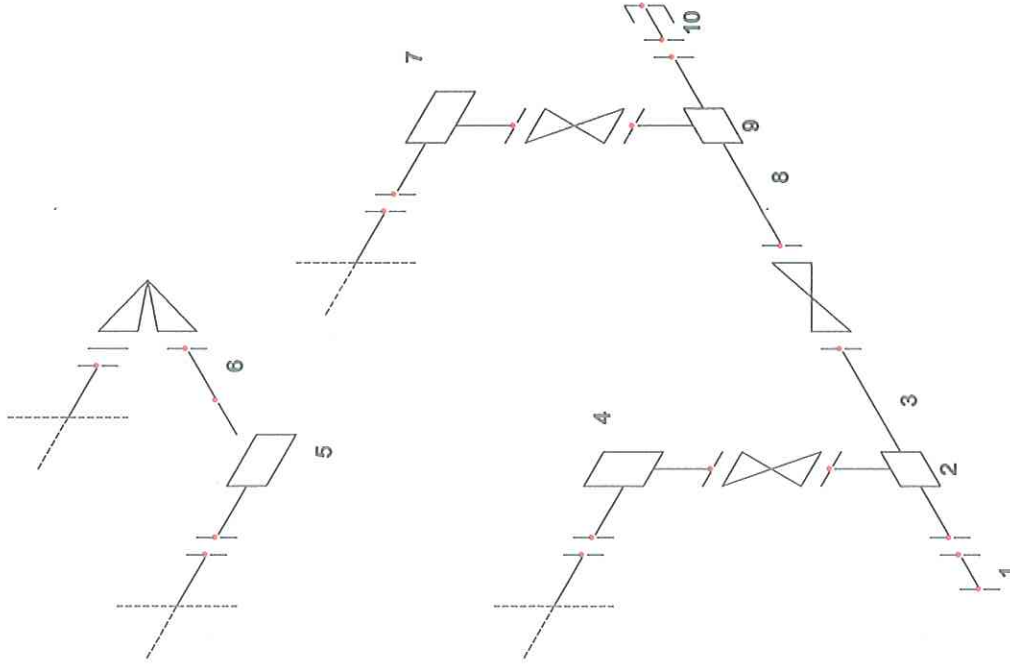
DISPATCH
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BONNYVILLE, AB
Tel: (780) 573-7630
Fax: (780) 573-7796

Date:	17-Jul-13
Client:	FMC Technologies Canada Ltd. (Production Testing)
Unit tested:	LH-0032
Serial #:	6J121251-A/65121251-B
A #:	626103
MAWP:	10000 psi @ 180°F
CRN:	T9862.213
Manufactured by:	Dyna Corp. Fabrications Inc.
Year Built:	2013
Size:	3"
Head thickness: nominal	-
Head thickness: min. allowed	-
Shell thickness: nominal	-
Shell thickness: min. allowed	-
Corrosion allowance:	-
Inspector:	T. Daugherty/ M. Mitchell
Testing Unit:	Krautkramer USN 58L A Scan
Probe:	1/4 inch 5 mHz dual
Calibration:	0.250-1.000 4 Step Curve Block
Couplant:	UT-X
Reference dB:	55 dB
Temperature:	20°C
Rees work order #:	145309

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SERIAL No. 6J121251-A/6J121251-B
 A No. 626103
 MAWP 10000 PSI @ 250 F
 CRN T9862.213
 MANUF. BY DYNA CORP FABRICATORS LTD.
 YEAR BUILT 2013
 SIZE 3"
 WALL THICKNESS NOM. 15.2MM
 WALL THICKNESS FLAG 13.3MM



CLIENT:
 PROJECT:
 SHEET TITLE:
 LOCATION:
 INSPECTOR:
 INSPECTION DATE:

FMC TECHNOLOGIES
 LH-0032 LINE HEATER MANIFOLD
 THICKNESS MEASUREMENT LOCATIONS
 GRANDE PRAIRIE
 T. DAUGHERTY
 JULY 17, 2013

REES N.D.T.
 INSPECTION SERVICES LTD.

13-111 STREET, GRANDE PRAIRIE, ALBERTA, T8V 4M5
 PHONE (780) 539-3594 - FAX (780) 539-8047

SIZE	DWG. NO.	REV
A	WO 145309	0
SCALE	DATE	SHEET
1:1	JULY 20, 2013	1 OF 1



REES N.D.T. INSPECTION SERVICES LTD.



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Grande Prairie, Alberta
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LH-0032

I.D. #	Size	Sch.	Desc.	UT Desc.	Nom.	Min.	17-Jul-13	Survey2	Survey3	Survey4	Survey5
1	3"	XXH	Pipe	Middle	15.2	13.3	21.4				
2	3"	XXH	Block	Back	15.2	13.3	41.8				
3	3"	XXH	Pipe	Middle	15.2	13.3	25.8				
4	3"	XXH	Block	Back	15.2	13.3	41.8				
5	3"	XXH	Block	Back	15.2	13.3	40.7				
6	3"	XXH	Pipe	Upstream	15.2	13.3	25.5				
				Downstream	15.2	13.3	25.0				
7	3"	XXH	Block	Back	15.2	13.3	44.6				
8	3"	XXH	Pipe	Middle	15.2	13.3	25.4				
9	3"	XXH	Block	Back	15.2	13.3	43.8				
10	3"	XXH	Pipe	Middle	15.2	13.3	17.2				
			Inspection date				17-Jul-13	Survey2	Survey3	Survey4	Survey5
			Inspector				T.Daugherty M.Mitchell				
			CGSB Level								
			CGSB Number								
			Inspection Company				Rees NDT				
			Report Number				145309				