



MaXfield Inc

1026 Western Dr. Crossfield, AB

A#485884

Date: July 22/2010
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Ferus Unit #6003

NDT EQUIPMENT SUMMARY

Client:	Ferus Inc.
Facility:	MaXfield Main Plant Crossfield
Equipment:	CO ² Queen Mobile Trailer

Technicians/Inspectors

Certifications

Dale Wrigley	API-510	PESL #12563	CGSB Level II

Technique

X	UT (thickness)		MPI (dry powder)	X	Visual (external)
		X	MPI (wet fluorescent)	X	Visual (internal)
			MPI (wet visible)		

Equipment

Ultrasonic		Magnetic Particle		Lighting	
X	Dakota MX-3 (D-meter)	X	AC Yoke	X	1 Halogen
	Other:		DC Yoke	X	Rechargeable flashlight
		X	Black Light		Other:
Transducer		Intensity Check			
X	Dual 0.250" 5 mhz	X	Before		
	Other:	X	After		
Calibration					
X	Step wedge				

UT Thickness Equipment:

UT Gauge – Dakota Model MX-3 / Serial number 34880 Calibration: date Oct 5/09 / Due Oct 5/10

Calibration – Step Wedge 0.250", 0.500", 0.750", 1.000" / Serial number 05-5605

Calibration: date June 30/09 / Due Nov 23, 2010

Transducer – Twin Compression 0.250" / 5.0 mhz

Inspection Acceptance Criteria

Specification 1:	API-510
Specification 2:	Ferus Spec.
Specification 3:	ASME Section VIII, Appendix 6

Summary

A complete internal and external API-510 visual examination was performed on the vessel.
UT thickness readings were taken on each shell course and both heads. Wet Fluorescent MPI was performed on the tee's, head-to-shell circs, nozzles and attachment welds on the internal.
Refer to the remaining attached reports for details.

Dale Wrigley For DALE WRIGLEY.

Dale Wrigley API 510 Certification #35383

ABSA In-Service Pressure Vessel Inspector Certification #000460

CGSB Level II MPI #12563