



### MAGNETIC PARTICLE INSPECTION REPORT

DATE:	15-Sep-13	REPORT #:	MDF-130915-1	PAGE 1 of 1
CLIENT:	KEYERA C/O TRI ENERGY			ECHO JOB #:
CONTRACTOR:	TRI ENERGY	PROJECT:	LPG STORAGE TANK (WEST) A# 55758	
LOCATION:	LSD: 09-06-63-25 W5M			
ITEMS EXAMINED:	SEE BELOW			
PROCEDURE:	MT-2A	CLIENT JOB # (PO, WO, AFE..)	CC# 625-NDE	
ACCEPTANCE CRITERIA & SPECIFICATION:	ASME SEC VIII DIV 1			

#### METHOD

#### SURFACE CONDITION

<input checked="" type="checkbox"/> Clean Base Metal	<input type="checkbox"/> As Ground	<input type="checkbox"/> Machined	<input type="checkbox"/> Sand Blast	<input type="checkbox"/> Painted	<input checked="" type="checkbox"/> Other: <b>AS WELDED</b>
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#### EQUIPMENT TYPE

<input checked="" type="checkbox"/> Yoke	Serial #:	Last Calibration:	15-May-13	Prod Spacing: 3 - 8 inches
<input checked="" type="checkbox"/> AC	<input type="checkbox"/> DC	<input checked="" type="checkbox"/> Continuous	<input checked="" type="checkbox"/> Residual	<input type="checkbox"/> 12V
<input checked="" type="checkbox"/> Blacklight	Serial #:	Last Verified:	28-Aug-13	
<input type="checkbox"/> Light Meter	Serial #:	Last Calibration:	MAY. 26,2013	

MINIMUM LIGHT INTENSITY:  $\geq 100$  fc Visible,  $\geq 1000$   $\mu$ W/cm<sup>2</sup>

MEDIUM MANUFACTURER :	Magnaflux	<input type="checkbox"/> Dry	<input type="checkbox"/> Fluorescent	<input checked="" type="checkbox"/> Black on White
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MEDIUM TYPE/SIZE: 7HF (<20  $\mu$ ) / WCP-2

MPI Particle Application Method:	<input type="checkbox"/> Powder Puffer	<input checked="" type="checkbox"/> Spray	Excess Particle Removed via Exhalation & / or Flow
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#### TEST RESULTS

A wet, fluorescent magnetic particle inspecton was performed on the folowing as requested by the client.

**LPG STORAGE TANK (WEST) A# 55748 V-2-18B**

**100% INTERNAL MPI ON ALL HEAD WELDS, CIRC SEAM WELDS, LONG SEAMS WELDS, NOZZELS AND ATTACHMENT WELDS.**

#### RESULTS:

There were no visible, relevant surface indications found at time of examination. All welds were found acceptable to above code.

Misc Charges	SEE REPORT # FDF-130915-1	NAME/CERTIFICATION/SIGNATURE DYLAN FERMANIUK CGSB/SNT-TC-1A-LII-RT/MT#16572 	Regular Hours	SEE
			Overtime Hours	REPORT
Client : (name/approval)			Shift Premium	#
			Kilometers	FDF-130915-1
			Assistant:	BILLY N. B.

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