



MAGNETIC PARTICLE INSPECTION REPORT

DATE:	16-Sep-13	REPORT #:	MDF-130916-1	PAGE 1 of 1
CLIENT:	KEYERA C/O TRI ENERGY			ECHO JOB #:
CONTRACTOR:	TRI ENERGY	PROJECT:	LPG STORAGE TANK (EAST) S/N# C5427 CRN# E6631.2	
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: AS WELDED
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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 type="checkbox"/> 120V <input type="checkbox"/> Other:
<input checked="" type="checkbox"/> Blacklight	Serial #:	1811174	Last Verified:	28-Aug-13
<input type="checkbox"/> Light Meter	Serial #:	1752987	Last Calibration:	MAY 26, 2013

MINIMUM LIGHT INTENSITY: ≥ 100 fc Visible, ≥ 1000 μ W/cm²

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 μ) / WCP-2			
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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 inspection was performed on the following as requested by the client.

LPG STORAGE TANK (EAST) A# 94591 V-2-18A

100% INTERNAL MPI ON ALL HEAD WELDS, CIRC SEAM WELDS, LONG SEAM 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.

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">Misc Charges</td> <td>SEE REPORT # FDF-130916-1</td> </tr> <tr> <td style="font-size: small;">Client: (name/approval)</td> <td></td> </tr> </table>	Misc Charges	SEE REPORT # FDF-130916-1	Client: (name/approval)		<p>NAME/CERTIFICATION/SIGNATURE</p> <p>DYLAN FERMANIUK</p> <p>CGSB/SNT-TC-1A-LII-RT/MT#16572</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Regular Hours</td> <td>SEE</td> </tr> <tr> <td>Overtime Hours</td> <td>REPORT</td> </tr> <tr> <td>Shift Premium</td> <td>#</td> </tr> <tr> <td>Kilometers</td> <td>FDF-130916-1</td> </tr> <tr> <td>Assistant:</td> <td>BILLY N. B.</td> </tr> </table>	Regular Hours	SEE	Overtime Hours	REPORT	Shift Premium	#	Kilometers	FDF-130916-1	Assistant:	BILLY N. B.	
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