

MAGNETIC PARTICLE EXAMINATION REPORT

2507 - 84 Avenue, Edmonton, Alberta T6P 1K1
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CLIENT: **Furix Energy Inc.**

DATE: **22-Aug-14**

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ADDRESS: **9,39207 RRD 271 Red Deer, Ab. T4S 2M4.**

WORK LOCATION: **ATCO Salt Cavern. Ft.Sask.,Ab.**

EXAMINATION STANDARD: **ASME BPV Code Sect.V,Art.7**

ACCEPTANCE STANDARD: **ASME B31.3 Tbl.341.3 N.S.**

TEAM PROCEDURE: **MT,ASME.1 R18**

EXAMINATION OF: **Welded patch and nozzle on tank.**

SURFACE CONDITION: ☐ AS GROUND ☐ MACHINED ☐ PAINTED ☐ SAND BLAST ☒ BASE METAL ☒ AS WELDED

MATERIAL: **Carbon steel,A36.** THICKNESS: **See below** TEMPERATURE: **21 °C**

TEST EQUIPMENT AND MATERIALS:

EQUIPMENT	MODEL AND SERIAL NO.	CURRENT	TEST MEDIUM	MANUFACTURER /BATCH NO./CONCENTRATION
☒ EM YOKE	Contour 23836 (c 4-14-14)	☒ AC	☒ WET VISIBLE	Chemtal 8031 (32082013)
☐ PERM. MAGNET		☐ DC	☐ DRY POWDER	
☐ WHITE LIGHT		☒ CONTINUOUS	☒ CONTRAST PAINT	Chemtal 8901W (65090913)
☒ LIGHT INTENSITY	> 100 foot candles	☐ RESIDUAL	☐ WET FLUORESCENT	
☐ BLACKLIGHT			Settling Test	

BLACK LIGHT INTENSITY BEFORE EXAMINATION: **μw/CM²**

BLACK LIGHT INTENSITY AFTER EXAMINATION: **μw/CM²**

WHITE LIGHT/BACKGROUND: **μw/CM²**

PURPOSE:

To perform wet-black MPI on 7"x7" welded patch and 3/4" nozzle on water storage tank.
Examination is internal and external.

THK:3/16 (WALL)

DIA:40'

NOZZLE:3/4"

RESULTS:

No relevant indications were noted.

CONCLUSIONS:

All welds are acceptable to above stated standard at time of examination.

TECHNICIANS

INTERPRETATION IS IN ACCORDANCE WITH THE ABOVE MENTIONED STANDARDS, TO THE BEST OF MY PROFESSIONAL ABILITY

(PRINT): **W. Romano**

CGSB/SNT LEVEL: **II/II**

REG. NO.: **7786**

(SIGN):

(PRINT):

CGSB/SNT LEVEL:

REG. NO.:

(SIGN):

THE ABOVE REPRESENTATION IS A PROFESSIONAL OPINION. FINAL INTERPRETATION IS THE RESPONSIBILITY OF THE CLIENT. I HAVE READ AND AM IN FULL AGREEMENT WITH THE CONTENTS OF THIS REPORT.

CLIENT REPRESENTATIVE: (PRINT):

(SIGN):

(PRINT):

(SIGN):

A026 MPE R1

[Signature]

MT - 1659 - 01WJR

TEAM JOB NO.:	50141659
BRANCH NO.:	5301
PO NO.:	40366





