

66120017

IRISNDT**MAGNETIC PARTICLE
INSPECTION REPORT****MT-171874-01**

Page 1 of 1

Procedures: MT 2V IRISNDT 5.15.2

Code: API - 650 sec.8.2.4

Job / P.O. #: wo#

IRISNDT #: 171874

Date: 17-Jan-14

Client: Husky Operations

Location: 11-13-51-26w3

Item Inspected: Tank items as listed

Surface Condition: Painted ☐ Sandblasted ☐ Machined ☐ As Cast ☐ As Forged ☐ Weldment ☒ Other ☐

Material: P-1

Thickness: Various

Heat Treatment: As Welded

Magnetizing Equipment: Yoke ☒ Coil ☐ Prod ☐

IRISNDT #: 40105

Bench: Headshot ☐ Central Conductor ☐ Coil ☐

Mfg: Contour

Calibration Date: 03-Jan-14

Blacklight: ☐

IRISNDT #: n/a

Mfg:

Calibration Date: ~Jan-11

☐

Verification per ASME V Art 7 T.777.2

Whitelight:

Battery Powered Min. 3V
110V Power Min. 60W Bulb☒ }
☐ }Held within 30 cm (12in) of the inspection surface
provides minimum 1000 Lx (100fc)Method of Magnetization: AC ☒ DC ☐ Continuous ☒ Residual ☒Magnetic Particles: Dry ☐ Wet ☒Red ☐ Grey ☐ Black ☒ Fluorescent ☐

Batch #: 817

Mfg: Magnaflux

Type: 7C

Background: ☒

Batch #: 685

Mfg: Ardrex

Type: 8901W

A magnetic particle inspection was carried out on 100% of the following items on 1 - 1000BBL tank

@ 11-13-51-26w3

Tank sn# 5351-23

1 - 4" Sting nozzle fillet weld in vault (in only)

1 - 1" Collar fillet weld in vault (in&out)

1 - 3/4" Temp. collar fillet weld (in&out)

1 - 3" SCADA Nozzle/Re-Pad fillet weld (in&out)

6 - Gas line Re-Pad fillet welds

1 - 4" Cross Sting Nozzle/Re-Pad fillet weld (in&out)

1 - 1" Thermo. Collar fillet weld (out only)

1 - Tailing lug attachment weld

2 - Upper loading pad fillet welds

Results: All areas inspected ACCEPTABLE TO CODE.

APP: *Brian Little*

2Z-

0527838

po#8400755001

wo# 4089590

REQ: Kevin @ Spearhead

Inspection Limitation(s):

Unit#: 667

Kilometers: 50

In: 1200 Out: 1500 Hrs: 3.0

In: Out: Hrs:

Personnel:

Sheldon Trachuk

Jordan Ross

Consumables:

--MIN--

Interpretation by:
Sheldon Trachuk

SNT-TC-1A

2

C.G.S.B.

2

(Print)

C.G.S.B. #

(Level)
11405

(Signature)

Client Representative:

(Print)

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report contents

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MAGNETIC PARTICLE INSPECTION REPORT

66120017
MT-171874-02

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Procedures: MT-2V Procedure 5.0

Job / P.O. #: WO#4089590

IRISNDT #: 171874

Date: 17-Jan-14

Code: API-650
Sec 8.2.4

Client: Husky Energy Operations

Location: Hillmond, Sask

Item Inspected: Tank Upgrades

Surface Condition: Painted ☐ Sandblasted ☐ Machined ☐ As Cast ☐ As Forged ☐ Weldment ☒ Other ☐

Material: Carbon

Thickness: Various

Heat Treatment: As Welded

Magnetizing Equipment: Yoke ☒ Coil ☐ Prod ☐

Bench: Headshot ☐ Central Conductor ☐ Coil ☐

IRISNDT #: 40118

Mfg: Contour Probe

Calibration Date: 23-Oct-13

Blacklight: ☐

IRISNDT #: N/A

Mfg:

Calibration Date: - -11

☐

Verification per ASME V Art 7 T.777.2

Whitelight:

Battery Powered Min. 3V
110V Power Min. 60W Bulb

☒ }
☐ }

Held within 30 cm (12in) of the inspection surface
provides minimum 1000 Lx (100fc)

Method of Magnetization: AC ☒ DC ☐ Continuous ☒ Residual ☐

Magnetic Particles: Dry ☐ Wet ☒

Red ☐ Grey ☐ Black ☒ Fluorescent ☐

Batch #: 301-12

Mfg: Magnaflux

Type: 7C

Background: ☒

Batch #: 1198

Mfg: Ardrex

Type: 8901W

Inspection Results: Appr: Brian Little

Appr#22-0527838

PO# 8400755001

LSD: 11-13-51-26W3M

Requisitioner: Kevin @ Spearhead

Wet Black MPI was carried out on the following Tank Upgrades:
S/N 5351-23

Cut off and rewelded Tombstone Patch

Inspection results: Acceptable to code

Inspection Limitation(s):

Unit#: 569 Kilometers: 80

In: 1900 Out: 2100 Hrs: 2.0

In: Out: Hrs:

Personnel:

Tristan Sommerfeld
Logan Skinner

Consumables:
Min

Interpretation by:
Tristan Sommerfeld

(Print)

(Signature)

Client Representative:

(Print)

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SNT-TC-1A

C.G.S.B.

C.G.S.B. #

II

II

(Level)

7829

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