



MAGNETIC PARTICLE INSPECTION REPORT

66117759
MT-169467-01

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Procedures: MT 2V (5.15.2)

Code: API 650

Job / P.O. #: SEE BELOW

Client: Husky Operations

Location: 5-23-46-1W4,AB

Item Inspected: tank upgrades

IRISNDT #: 169467

Date: 24-Mar-14

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

Material: CARBON STEEL

Thickness: VARIOUS

Heat Treatment: NA

Magnetizing Equipment: Yoke ☒ Coil ☐ Prod ☐

IRISNDT #: 40118

Bench: Headshot ☐ Central Conductor ☐ Coil ☐

Mfg: CONTOUR PROBE

Calibration Date: 21-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

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☐ }

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 ☒

Batch #: 1285-33

Red ☐ Grey ☐ Black ☒ Fluorescent ☐

Mfg: Magnaflux

Type: 7C

Background: ☒

Batch #: 1284

Mfg: ARDROX

Type: 8901W

A wet black magnetic particle inspection was carried out on the following 1000bbl tank upgrades:

TANK External: Vault sting nozzle, two 1/2" collars in vault, three patches, 1/2" collar temp gage, scada and repad, lifting lug.

Internal: Vault sting nozzle, backweld of scada, 1/2" collar, two 1/2" collars in vault, three patches.

Tank S/N: 7342-23

Req: Terry @ Pipemaster

Appr: Larry Kingswood

2z-0495036

Po# 8400756848

Wo# -4092171

RESULTS: Acceptable to Code.

Inspection Limitation(s):

Unit#: 329 Kilometers: 40

In: 1100 Out: 1330 Hrs: 2.5

In: Out: Hrs:

Personnel:

DANIELLE LERICHE
Amanda DeWolfe

Consumables:
Min.

2 H2S gas monitors.

Interpretation by:
DANIELLE LERICHE

SNT-TC-1A

II

C.G.S.B.

II

C.G.S.B. #

(Level)
13551

(Print)

Danielle Leriche
(Signature)

Client Representative:

(Print)

I am in full
agreement with
report contents

(Sign)

Ray Leriche

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IRISNDT E-2003F

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