

66150924

IRISNDT**MAGNETIC PARTICLE
INSPECTION REPORT****MT-169255-01**

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Procedures: MT 2V, PROC 5.0

Code: API-650 SEC. 8.2.4.

Job / P.O. #: WO# 4091090

IRISNDT #: 169255

Date: 04-Mar-14

Client: HUSKY OPERATIONS

Location: DOWNHOLE LSD: 104/08-30-48-01W4M

Item Inspected: TANK UPGRADE ; SN# 16041-17

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

Material: P1

Thickness: N/A

Heat Treatment: AS WELDED

Magnetizing Equipment: Yoke ☒ Coil ☐ Prod ☐ Bench: Headshot ☐ Central Conductor ☐ Coil ☐

IRISNDT #: 40099

Mfg: CONTOUR PROBE

Calibration Date: 30-Jan-13

Blacklight: ☐
☐

IRISNDT #: N/A

Mfg:

Calibration Date: --13

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 #: 1272

Mfg: ARDROX

Type: 8901W

A MAGNETIC PARTICLE EXAMINATION, WAS CARRIED OUT, AS REQUESTED, ON THE FOLLOWING ITEMS:

2-24"DIA. SHELL INSERT PATCHES
 1-3"SCADA NOZZLE AND REPAD
 6-REPADS FOR GASLINE SUPPORTS
 1-2"LOAD PUMP NOZZLE
 1-4"H2O EQUALIZER NOZZLE AND REPAD
 2-TOMBSTONE PATCHES
 1-4" X-STING NOZZLE AND REPAD
 1-SHELL PATCH
 1-1"VAULT RISER COLLAR
 WELDERS: J / AF

RESULTS: FINAL MPI FOUND ALL ABOVE ITEMS ACCEPTABLE TO CODE.

REQ. BRENT @ TARTAN

APP. GEORGE GREENING 2Z-02020571

PO# 8400756848

AFE# US-13179-ET

Inspection Limitation(s):

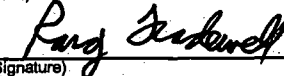
Unit#: 418 Kilometers: N/C
 In: 1330 Out: 1445 Hrs: 1.25
 In: Out: Hrs:

Personnel:

RANDY TRADEWELL
JORDAN ROSSConsumables:
MIN.Interpretation by:
RANDY TRADEWELL

SNT-TC-1A 2
 C.G.S.B. 2
 (Level)
 C.G.S.B. # 5357

(Print)



(Signature)

Client Representative:

(Print)

I am in full
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 report contents

(Sign)

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IRISNDT E-2003F



MAGNETIC PARTICLE INSPECTION REPORT

MT-169208-02
Page 1 of 1

Procedures: MT 2V (5.15.2)
Code: API 650

Job / P.O. #: SEE BELOW
Client: Husky Operations
Location: 16-23-48-2W4,AB
Item Inspected: tank upgrades

IRISNDT #: 169208

Date: 26-Feb-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
☐ Verification per ASME V Art 7 T.777.2

Mfg: Calibration Date: -Jan-11

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 ☒
Batch #: 1285-33

Red ☐ Grey ☐ Black ☒ Fluorescent ☐
Mfg: Magnafux 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 1-External: 3/4" collar for burner box coupling, one shell patch.
Internal: 3/4" collar burner box coupling, one shell patch

Tank 2- External- three patches, 3/4" collar burner box coupling.
Internal- three patches, 3/4" collar.

S/n: Tank 1 -1617381-24
S/N: Tank 2- 04-01-2612869

— 66155540
— 62057216

Req: Terry at Pipemaster
Appr: Rick Fountain
2Z-0290577
Po# 8400756848
Wo# -4091586

RESULTS: Acceptable to Code.

Inspection Limitation(s):

Unit#: 329 Kilometers: 80
In: 1300 Out: 1500 Hrs: 2.0
In: Out: Hrs:

Personnel:
DANIELLE LERICHE

Consumables:
Min.
H2S Gas monitor

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)

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IRISNDT E-2003F