

66174983

IRIS NDT

MAGNETIC PARTICLE INSPECTION REPORT

MT-159052-01

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Procedures: MT-1V Procedure 5.0
Code: Tank Items API-650 Sec 8.2.4

Job / P.O. #: WO# 4077743
Client: Husky Energy Operations
Location: Clandonald, Alberta
Item Inspected: Triple Tank

IRISNDT #: 159052

Date: 5-Apr-12

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

Material: Carbon

Thickness: Various

Heat Treatment: As Welded

Magnetizing Equipment: Yoke ☒ Coil ☐ Prod ☐
IRISNDT #: 40118

Bench: Headshot ☐ Central Conductor ☐ Coil ☐
Mfg: Contour Probe Calibration Date: 15-Feb-12

Blacklight: ☐ IRISNDT #: N/A
☐ Verification per ASME V Art 7 T.777.2

Mfg: Calibration Date: --11

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 #: 301-12

Red ☐ Grey ☐ Black ☒ Fluorescent ☐
Mfg: Magnaflux Type: 7C

Background: ☒ Batch #: 1198

Mfg: Ardrex Type: 8901W

Inspection Results: Appr: Leon Yakiwichuk
Appr# 22-2000905
Requisitioner: Ryan Waldorf @ L&L

PO# 8400468279
LSD: 103/ 5-35-48-2W4M

Wet Black MPI was Carried out on the Following double tank Items:

Tank S/N 20796-10

1-6" H2O equalizer nozzle and repad
1-10" Oil riser Nozzle and repad

Inspection Result: Acceptable to Code

Inspection Limitation(s):

Unit#: 569 Kilometers: 40
In: 1200 Out: 1400 Hrs: 2.0
In: Out: Hrs:

Personnel:
Tristan Sommerfeld
Lance Goorts

Consumables:
Min

Interpretation by:
Tristan Sommerfeld

(Print)

(Signature)

Client Representative:

(Print)

I am in full
agreement with
report contents

(Sign)

SNT-TC-1A

C.G.S.B.

C.G.S.B. #

II

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(Level)

7829

Ricky Hutchinson @ L&L

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