62051553

IRISNDT

MAGNETIC PARTICLE INSPECTION REPORT

CA0132-MT-768
Page 1 of 1

Procedure: 5.0 Rev.2	**Client:** Husky Operations	**Date:** 06-Mar-17
Technique: MT-2V	**IRISNDT #:** LYD1700314	**WO #:** 81178201
Code: API 650 - Sect 8.2.4	**Location:** 9-7-46-25w3	**PO #:** 8401126956
Other:	**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 ☐ Permanent ☐ IRISNDT #: 40040 Mfg: Contour Calibration Date: 06-Mar-17

Method of Magnetization: AC ☒ DC ☐ Continuous ☒

Blacklight: Y ☐ N/A ☒ IRISNDT #: Verification per ASME V Art 7 T.777.2 **Blacklight Meter:** IRISNDT #: Calibration Date: - -

Whitelight: Y ☒ N/A ☐ Verification per ASME V Art 7 T.777.1 **Lighting Equipment:** Yoke Light (10W)

Magnetic Particles: Dry ☐ Wet ☒ Red ☐ Grey ☐ Black ☒ Fluorescent ☐
Batch #: 1397-64 Mfg: Magnaflux Type: 7C

Background: ☒ Batch #: 1425 Mfg: Ardrox Type: 8901W

IRISNDT was called out to investigate cause of leaking tank shell – Upon removal of insulation in area of leak
It was apparent tank had a bullet hole in 3rd course shell.
Area was also UT inspected to ensure sound material for placement of shell patch.
Low in area surrounding hole = 0.177" Nominal = 0.187"

A magnetic particle inspection was then carried out on the following items on
1000BBL tank @ 9-7-46-25w3
Tank sn# 03-09-24 12534
1 – Shell patch fillet weld – over found bullet hole in 3rd course shell (out only)
1 – 1" Collar fillet weld in vault (in&out)
RESULTS: All items inspected ACCEPTABLE TO CODE.
APP/REQ: Kyle Forbes 2Z-02017604

Inspection Limitation(s):

Unit#: 1000 Kilometers: 50
In: 1500 Out: 1900 Hrs: 4.0
In: Out: Hrs:

Personnel:
Sheldon Trachuk
Marshall Lundell

Consumables:
---MIN---

Interpretation by:
Sheldon Trachuk (Print) SNT-TC-1A: 2
C.G.S.B.: 2 (Level)
(Signature) C.G.S.B. #: 11405
Client Representative: (Print)
I am in full agreement with report contents (Sign) Ray Trachuk

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Offices also located in USA and UK

IRISNDT

MAGNETIZING YOKE
CALIBRATION LOG

Manufacturer: Contour Model: B-300 IRISNDT#.: 40040 Calibration Frequency: Daily
Calibration weights: lbs/AC: 10 lbs/DC: _____ Serial #: AC: 49161 DC: _____

This yoke was calibrated in accordance with IRISNDT Procedures 5.0 (MT) as per section 8.4. Note: If yoke fails to lift the weights as per IRISNDT MT procedure, the equipment shall be red tagged for repair and removed from service.

Upon completion of the calibration of this piece of equipment a copy of this certification record is to be submitted with your reports on a daily basis to the client you are working for. Please ensure a copy of this certification record is submitted with your MT reports at your branch at the completion of your shift.

	Date of Calibration	Meets Requirements		Maximum pole spacing used	Certified Personnel	Signature
		Yes(√)	No(√)			
1	Mar.06.17	√		6 inch	Sheldon Trachuk	
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