



MAGNETIC PARTICLE INSPECTION REPORT

SB382-MT-132
Page 1 of 1

Procedure: 5.0
Technique: MT-2V
Code: API 650 - Sect 8.2.4
Other:

Client: HUSKY OPERATIONS
IRISNDT #: 176871
Location: 102/ 14-10-51-1 W4M,AB
Item Inspected: 1000BBL TANK S/N# 61995-09
Date: 15-Sep-14
WO #: 50006293
PO #: 8400860277

Surface Condition: Painted ☐ Sandblasted ☒ Machined ☐ As Cast ☐ As Forged ☐ Weldment ☒ Other ☒
Material: P1 Thickness: N/A Heat Treatment: N/A
Magnetizing Equipment: Yoke ☒ Coil ☐ Permanent ☐ IRISNDT #: 40097 Mfg: CONTOUR Calibration Date: 26-Jul-14
Method of Magnetization: AC ☒ DC ☐ Continuous ☒
Blacklight: Y ☐ N/A ☒ IRISNDT #: Blacklight Meter: IRISNDT #:
Verification per ASME V Art 7 T.777.2 Calibration Date: - -
Whitelight: Y ☒ N/A ☐ Verification per ASME V Art 7 T.777.1
Magnetic Particles: Dry ☐ Wet ☒ Red ☐ Grey ☐ Black ☒ Fluorescent ☐
Batch #: 1331-432 Mfg: ARDROX Type: 7C
Background: ☒ Batch #: 1343 Mfg: ARDROX Type: 8901W

A wet black magnetic particle inspection was carried out as requested on 1000bbl tank , new upgrades.
INTERNAL SURFACE: (3)three 1"collars in vault, 4"sting nozzle in vault, ¾"backweld, 3"backweld, 4"backweld, (2)two shell patches.
EXTERNAL SURFACE: (2)two ¾"collars, (2)two shell patch backwelds, 3"flowline nozzle & repad, 4"sting nozzle& repad, (3)three 1"collars in vault, (6)six gas line bracket repads, (3)three burner stand repads.

RESULTS: ACCEPTABLE TO CODE

REQ: DEREK HOSKINS
APP:GEORGE GREENING 22-2020571

Inspection Limitation(s):

Unit#: 767 Kilometers: N/C
In: 1700 Out: 1900 Hrs: 2.0
In: Out: Hrs:

Personnel:
STEPHEN BRYAN / BRANDEN FOWLOW

Consumables:
MIN

Interpretation by:

STEPHEN BRYAN SNT-TC-1A: 2
(Print) C.G.S.B.: 2
(Level)
C.G.S.B. #: 12459
(Signature)
Client Representative: (Print)
I am in full agreement with report contents
(Sign)

5311- 86 Steet, Edmonton, Alberta T6E 5T8 Phone: (780) 437-2022 fax: (780) 436-4873
Calgary (403) 279-6121
Lloydminster (780) 875-6455
Barhead (780) 674-3018
Nisku (780) 955-7616

Cold Lake (780) 826-6105
Fort McMurray (780) 743-1536
Red Deer (403) 347-1742

www.irisndt.com

Engineering, Calgary (403) 217-9684
Engineering, Edmonton (780) 437-2022
Rope Access Services (780) 437-2022
Offices also located in USA and UK

IRISNDT-E-2003G