

MAGNETIC PARTICLE INSPECTION REPORT

CA1099-MT-149

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Procedure: 5.0 Technique: MT-2V

Other:

Code / Standard: API 650 - Sect 8.2.4

Rev: 3.0

Client: HUSKY OIL OPERATIONS LIMITED

IRISNDT #: LYN1801127

Location: 111/03-24-050-20W3M

Item Inspected: Tank items as listed

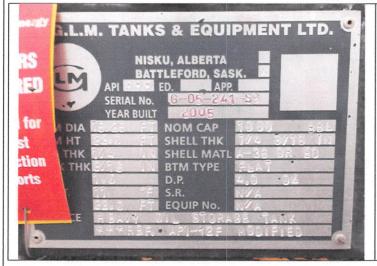
Date: 26-Jul-18

WO#: 81306568 PO #: 8401273069

| Surface Condition: As Welded | Material: Carbon Steel | | Thickness: >3/16" | Heat Treatment: Not Applicable |
|------------------------------|-----------------------------|---------------|---------------------|-------------------------------------|
| Magnetizing Equipment: Yoke | Method of Magnetization: | AC Continuous | IRISNDT #: 40118 | Mfg: Contour Probe |
| Verification Date: 26-Jul-18 | Verification Weight: ⊠ 10 | lb. | Serial #: 49040 | Verification per ASME V Art 7 T.762 |
| Blacklight: ☐ Y ⊠ N/A | IRISNDT #: | | Blacklight Meter: | IRISNDT #: |
| | Verification per ASME V Art | 7 T.777.2 | | Calibration Due 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 #: 1539 | Mfg: ARDROX | Type: 8 | 032 |
| Background: X Y N/A | Batch #: 65110817 | Mfg: ARDROX | Type: 8 | 901W |

A magnetic particle examination was carried out on the following tank items as listed.

Tank SN: G-05-241-S8





Results: All areas inspected ACCEPTABLE TO CODE

| Inspection Limitation(s): None | |
|--------------------------------|--|
| Unit#: | Interpretation by: Logan Skinner (Print) (Sign) Client Representative: (Print) Karen Hawryluk I am in full agreement with report contents (Sign) |

5311 - 86 Street NW, Edmonton, Alberta T6E 5T8 Phone (780) 437-4747 Fax (780) 436-4873 Calgary

Lloydminster Barrhead Nisku

(403) 279-6121 (780) 875-6455 (780) 674-3018 (780) 955-7616 Cold Lake Fort McMurray Red Deer

(780) 826-6105 (780) 743-1536 (403) 347-1742 www.irisndt.com

Engineering, Calgary Engineering, Edmonton Rope Access Services

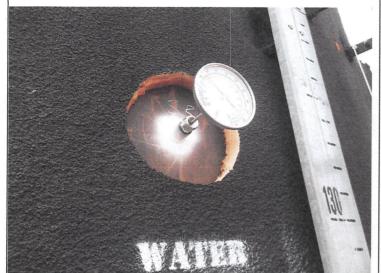
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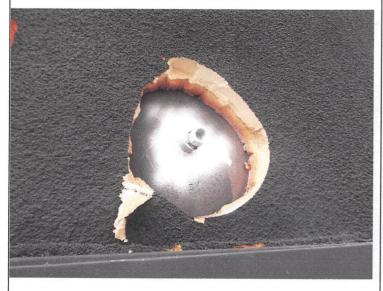
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3/4" temp collar (in & out)

gas line support repad fillet weld (out)





3/4" temp collar above burner box (out)

5'8" test tap collar fillet welds (in & out)

IRISNDT #: LYN1801127

Client: HUSKY OIL OPERATIONS LIMITED

Logan Skinner Date: 26-Jul-18 (Print)

(Sign)

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DAILY LEM TIME-TICKET

IRISNDT DAILY TICKET#

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| Custom | Customer: HUSKY OIL OPERATIONS LIMITED IRISNDT DISPATCH #: LYN1801127 Location: LSD's as listed SK Date: 26-Jul-18 | | | | | | | | | | | |
|--|--|---------------|-------------|---|-----|----------------|---------------------|--|--------|---|--------|--------------------|
| Technici | an 1: Loga | n Skinner | Position: | Senior Tech Technician 2: Brady Harvey Position | | | Position: Assistant | Assistant Primary Activity: MT - Magnetic Particle | | | | |
| Technici | ian 3: | | Position: _ | n: Technician 4: Position: | | | | Position: | | Report Prefix: CA109 | 99- | |
| Time Start | Time Finish | Activity | / | Report #s | LOC | Total Hours | Total KMs | Description | PO / | PO / Cost Code / AFE Job # / Work Order | | rk Order # / Other |
| 07:30 | 10:30 | MT - Magnetic | Particle | MT-149 | 4 | 3 | 80 | WBMT tank items @ 3-24-50-20w3m | P.O.#: | 8401273069 | W.O.#: | 81306586 |
| 10:30 | 13:00 | VT - Visual T | esting | NDT-144 | 4 | 2.5 | 60 | UT/ Vis @ 14-29-52-21W3M | P.O.#: | 8401273069 | W.O.#: | 81314212 |
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| | | | | <u> </u> | | | | | | <u> </u> | | |
| (Totals for this page only) Totals: 5.5 140 Unit: 313 Work Location (LOC) Legend: 1) Inside Fab. Shop 2) Yard/Lay-down Area 3) Piping/Modular Fab. Area 4) Other J.H.A. Carried Out & Documented: Yes No Safety Concerns: Yes No Safety Meeting: Yes No Living Out Allowance: N/A Full Bkfst Lunch Supper OT Meal Hotel | | | | | | | | | | | | |
| Equipment, Supplies, Consumables and Other Costs Min | | | | | | | | | | | | |
| Additional Site, Daily, and other relevant job notes | | | | | | | | | | | | |
| Req: Roger Skolrood Appr: Angela Lowe 2Z-2013152 | | | | | | | | | | | | |
| TECHNICIAN NAME: Logan Skinner CLIENT NAME: Karen Hawryluk (Print) Date: 26-Jul-18 CLIENT SIGNATURE: (Sign) Date: Date: | | | | | | | | | | | | |
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