



# MAGNETIC PARTICLE INSPECTION REPORT

**MT-165508-01**

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|                                                     |                                                                                                                                  |                                      |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Procedures: MT 2V IRISNDT 5.15.2<br>Code: API - 650 | Job / P.O. #: wo#4083037<br>Client: Husky Operations<br>Location: Lloydminster Warehouse<br>Item Inspected: Tank Items as Isited | IRISNDT #: 165508<br>Date: 04-Dec-12 |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|

|                                                                                                                                                                                                                                                                            |                                                                                                                                                             |                                                                                        |
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| Surface Condition: Painted <input type="checkbox"/> Sandblasted <input type="checkbox"/> Machined <input type="checkbox"/> As Cast <input type="checkbox"/> As Forged <input type="checkbox"/> Weldment <input checked="" type="checkbox"/> Other <input type="checkbox"/> |                                                                                                                                                             |                                                                                        |
| Material: P-1 Thickness: Various Heat Treatment: As Welded                                                                                                                                                                                                                 |                                                                                                                                                             |                                                                                        |
| Magnetizing Equipment: Yoke <input checked="" type="checkbox"/> Coil <input type="checkbox"/> Prod <input type="checkbox"/><br>IRISNDT #: 40105                                                                                                                            | Bench: Headshot <input type="checkbox"/> Central Conductor <input type="checkbox"/> Coil <input type="checkbox"/><br>Mfg: Contour                           | Calibration Date: 07-Nov-12                                                            |
| Blacklight: <input type="checkbox"/><br><input type="checkbox"/>                                                                                                                                                                                                           | IRISNDT #: n/a<br>Verification per ASME V Art 7 T.777.2                                                                                                     | Mfg: Calibration Date: -Jan-11                                                         |
| Whitelight: Battery Powered Min. 3V<br>110V Power Min. 60W Bulb                                                                                                                                                                                                            | <input checked="" type="checkbox"/> }<br><input type="checkbox"/> }                                                                                         | Held within 30 cm (12in) of the inspection surface<br>provides minimum 1000 Lx (100fc) |
| Method of Magnetization: AC <input checked="" type="checkbox"/> DC <input type="checkbox"/> Continuous <input checked="" type="checkbox"/> Residual <input checked="" type="checkbox"/>                                                                                    |                                                                                                                                                             |                                                                                        |
| Magnetic Particles: Dry <input type="checkbox"/> Wet <input checked="" type="checkbox"/><br>Batch #: 817                                                                                                                                                                   | Red <input type="checkbox"/> Grey <input type="checkbox"/> Black <input checked="" type="checkbox"/> Fluorescent <input type="checkbox"/><br>Mfg: Magnaflux | Type: 7C                                                                               |
| Background: <input checked="" type="checkbox"/>                                                                                                                                                                                                                            | Batch #: 685<br>Mfg: Ardrex                                                                                                                                 | Type: 8901W                                                                            |

**Inspection Results:**

A magnetic particle inspection was carried out on the  
following items on 1000BBL Tank @ Husky Maintenance Warehouse  
Tank sn# G99-242-S7

- 2 - 1" Collar fillet welds in vault (in&out)
- 3 - Shell patch fillet welds (in&out)
- 2 - Gas line Re-Pad fillet welds
- 1 - 3/4" Thermo. Collar fillet welds (out only)
- 1 - 4" Cross sting Nozzle fillet weld (in&out)
- 1 - 4" Vault sting nozzle fillet weld (in only)
- 1 - 3" SCADA Nozzle/Re-Pad fillet weld (in&out)

Results: All inspected ACCEPTABLE TO CODE.  
APP: Ken Pope 2Z-0713560 po#8400542169 wo#4083037  
REQ: Derek @ L&L Oilfield

**Inspection Limitation(s):**

|                                                                                                                                                |                           |                                                                                                                                                                   |                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Unit#: 667 Kilometers: _____<br>In: 1000 Out: 1100 Hrs: 1.0<br>In: _____ Out: _____ Hrs: _____<br>Personnel:<br>Sheldon Trachuk<br>Jordan Ross | Consumables:<br>---MIN--- | Interpretation by:<br>Sheldon Trachuk<br>(Print)<br><br>(Signature)<br>Client Representative:<br>(Print)<br>I am in full agreement with report contents<br>(Sign) | SNT-TC-1A 2<br>C.G.S.B. 2<br>(Level)<br>C.G.S.B. # 11405 |
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