

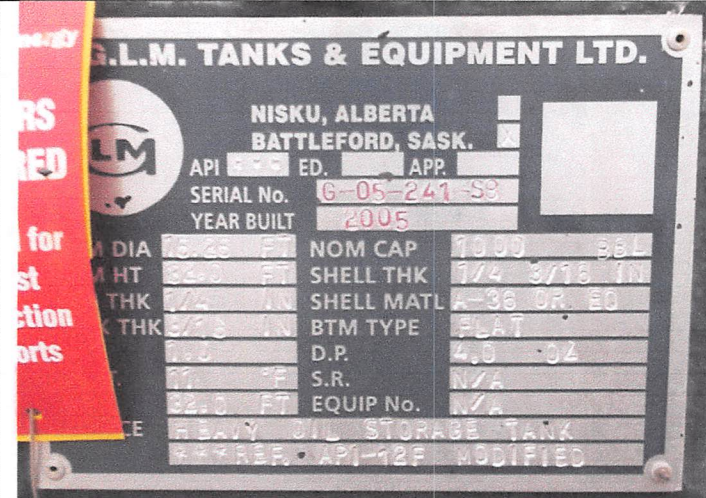
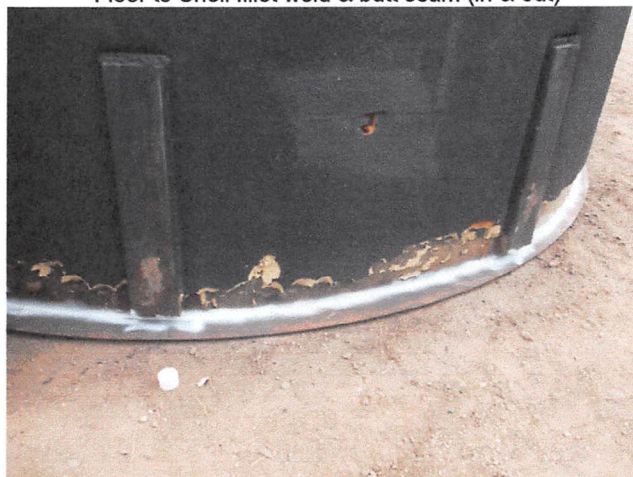
<h1 style="margin:0;">IRISNDT</h1>	<b>MAGNETIC PARTICLE INSPECTION REPORT</b>	<b>CA1099-MT-149</b> Page 1 of 2
------------------------------------	--	-------------------------------------

<b>Procedure:</b> 5.0 <b>Technique:</b> MT-2V <b>Code / Standard:</b> API 650 - Sect 8.2.4 <b>Other:</b>	<b>Rev:</b> 3.0 <b>Client:</b> HUSKY OIL OPERATIONS LIMITED <b>IRISNDT #:</b> LYN1801127 <b>Location:</b> 111/03-24-050-20W3M <b>Item Inspected:</b> Tank items as listed	<b>Date:</b> 26-Jul-18 <b>WO #:</b> 81306568 <b>PO #:</b> 8401273069
---	---	--

<b>Surface Condition:</b> As Welded	<b>Material:</b> Carbon Steel	<b>Thickness:</b> >3/16"	<b>Heat Treatment:</b> Not Applicable
<b>Magnetizing Equipment:</b> Yoke	<b>Method of Magnetization:</b> AC Continuous	<b>IRISNDT #:</b> 40118	<b>Mfg:</b> Contour Probe
<b>Verification Date:</b> 26-Jul-18	<b>Verification Weight:</b> <input checked="" type="checkbox"/> 10 lb. <input type="checkbox"/> 40 lb.	<b>Serial #:</b> 49040	<b>Verification per ASME V Art 7 T.762</b>
<b>Blacklight:</b> <input type="checkbox"/> Y <input checked="" type="checkbox"/> N/A	<b>IRISNDT #:</b>	<b>Blacklight Meter:</b>	<b>IRISNDT #:</b>
	<b>Verification per ASME V Art 7 T.777.2</b>		<b>Calibration Due Date:</b>
<b>Whitelight:</b> <input checked="" type="checkbox"/> Y <input type="checkbox"/> N/A	<b>Verification per ASME V Art 7 T.777.1</b>	<b>Lighting Equipment:</b> Yoke Light (10W)	
<b>Magnetic Particles:</b>	<input type="checkbox"/> Dry <input checked="" type="checkbox"/> Wet	<input type="checkbox"/> Red <input type="checkbox"/> Grey <input checked="" type="checkbox"/> Black <input type="checkbox"/> Fluorescent	
	<b>Batch #:</b> 1539	<b>Mfg:</b> ARDROX	<b>Type:</b> 8032
<b>Background:</b> <input checked="" type="checkbox"/> Y <input type="checkbox"/> N/A	<b>Batch #:</b> 65110817	<b>Mfg:</b> ARDROX	<b>Type:</b> 8901W



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

Tank SN: G-05-241-S8

 <p><b>G.L.M. TANKS &amp; EQUIPMENT LTD.</b>  <b>NISKU, ALBERTA</b>  <b>BATTLEFORD, SASK.</b>  <b>API 650 ED. APP.</b>  <b>SERIAL No. G-05-241-S8</b>  <b>YEAR BUILT 2005</b>  <b>DIAMETER 5.25 FT</b>  <b>NOM CAP 1000 BBL</b>  <b>HEIGHT 34.0 FT</b>  <b>SHELL THK 7/4 3/16 IN</b>  <b>SHELL MATL A-36 GR. 50</b>  <b>BTM TYPE FLAT</b>  <b>D.P. 4.0 04</b>  <b>S.R. N/A</b>  <b>EQUIP No. N/A</b>  <b>HEAVY OIL STORAGE TANK</b>  <b>MODIFIED</b></p>	<p style="text-align: center;"><b>Floor to Shell fillet weld &amp; butt seam (in &amp; out)</b></p> 
---	---

Results: All areas inspected **ACCEPTABLE TO CODE**

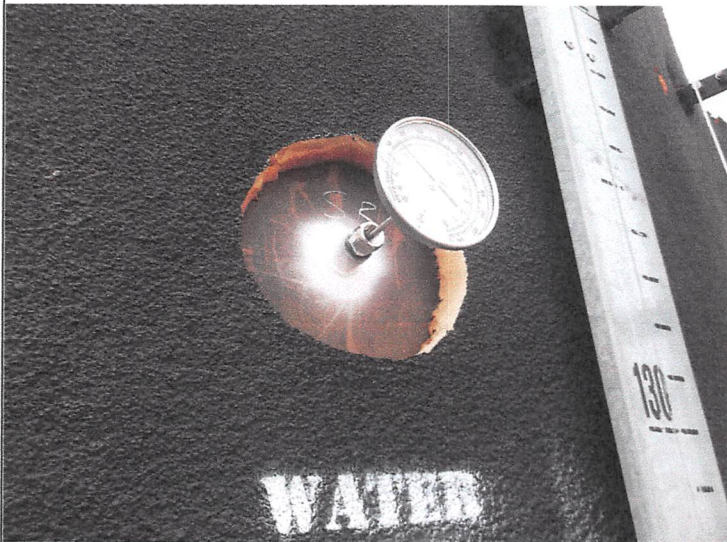
**Inspection Limitation(s):** None

<b>Unit#:</b> 313 <b>Kilometers:</b> _____ <b>In:</b> _____ <b>Out:</b> _____ <b>Hrs:</b> _____ <b>In:</b> _____ <b>Out:</b> _____ <b>Hrs:</b> _____ <b>Personnel:</b> Logan Skinner Brady Harvey	<b>Consumables:</b> min <b>Req:</b> Roger Skolrood <b>Appr:</b> Angela Lowe 2Z-2013152	<b>Interpretation by:</b> <b>Logan Skinner</b> (Print)  (Sign) _____ <b>Client Representative:</b> (Print) <b>Karen Hawryluk</b> (Sign)  I am in full agreement with report contents
		<b>SNT-TC-1A:</b> 2 <b>C.G.S.B.:</b> 2 (Level) <b>C.G.S.B #:</b> 17159

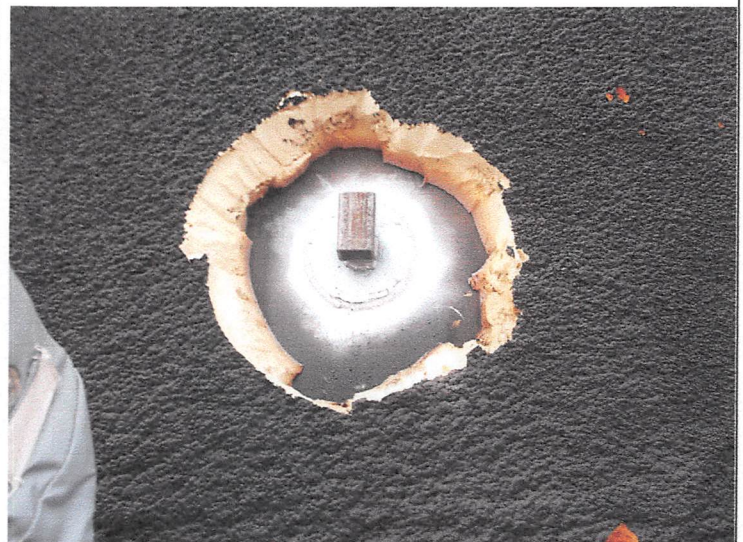
5311 - 86 Street NW, Edmonton, Alberta T6E 5T8 Phone (780) 437-4747 Fax (780) 436-4873  
 Calgary (403) 279-6121 Cold Lake (780) 826-6105  
 Lloydminster (780) 875-6455 Fort McMurray (780) 743-1536  
 Barrhead (780) 674-3018 Red Deer (403) 347-1742  
 Nisku (780) 955-7616 www.irisndt.com

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

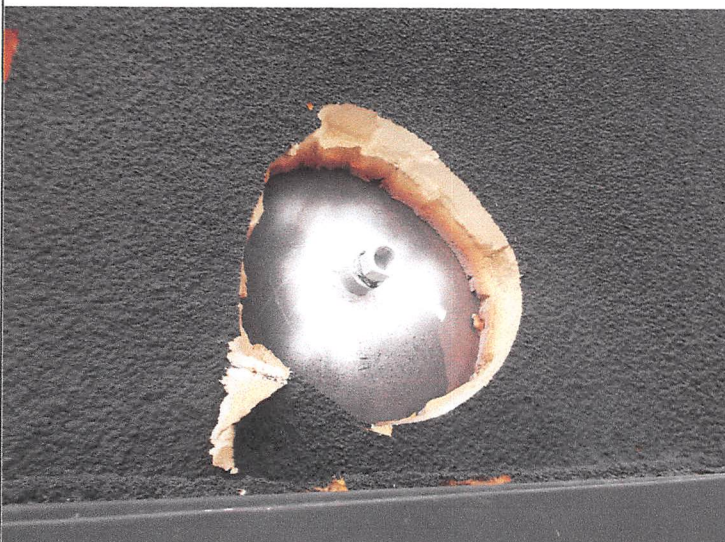




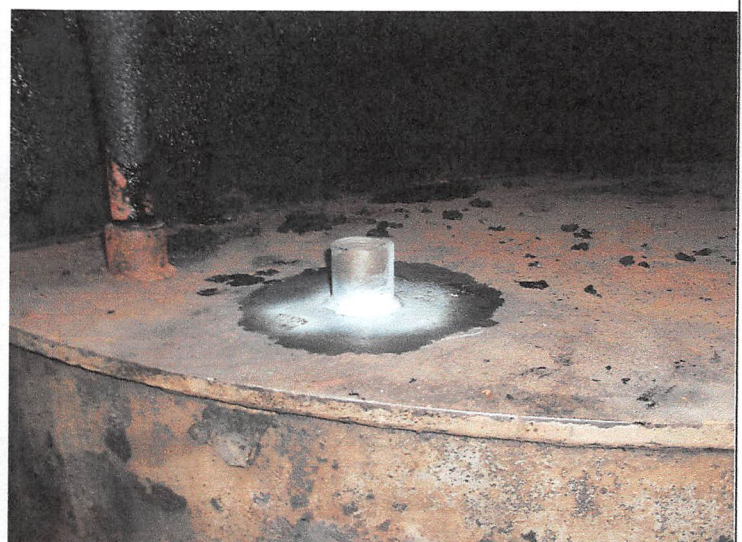
3/4" temp collar (in & out)



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

Date: 26-Jul-18

Logan Skinner

Client: HUSKY OIL OPERATIONS LIMITED

(Print)

(Sign)

5311 - 86 Street NW, Edmonton, Alberta T6E 5T8 Phone (780) 437-4747 Fax (780) 436-4873  
 Calgary (403) 279-6121 Cold Lake (780) 826-6105  
 Lloydminster (780) 875-6455 Fort McMurray (780) 743-1536  
 Barrhead (780) 674-3018 Red Deer (403) 347-1742  
 Nisku (780) 955-7616

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



