

62066035

IRISNDT**MAGNETIC PARTICLE
INSPECTION REPORT****CA0131-MT-1709**

Page 1 of 1

Procedure: 5.0 Rev 2.0

Technique: MT-2V

Code: ASME Sect I - A-260.4

Other:

Client: HUSKY OPERATIONS

IRISNDT #: LYD1700791

Location: 10-34-51-04W4M

Item Inspected: H-120 GLYCOL BOILER REPAIR ; SN#7119

Date: 30-May-17

WO #: 81200130

PO #: 8401128487

Surface Condition: Painted ☐ Sandblasted ☐ Machined ☐ As Cast ☐ As Forged ☐ Weldment ☒ Other ☐

Material: P1

Thickness: >3/16"

Heat Treatment: AS WELDED

Magnetizing Equipment: Yoke ☒ Coil ☐ Permanent ☐ IRISNDT #: 40099 Mfg: Contour Probe Calibration Date: 30-May-17Method 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

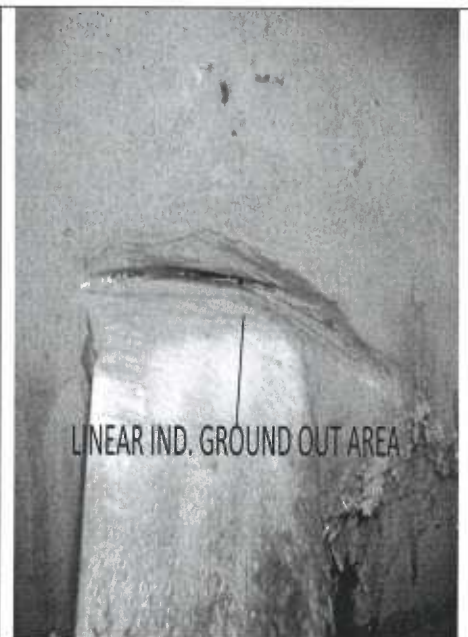
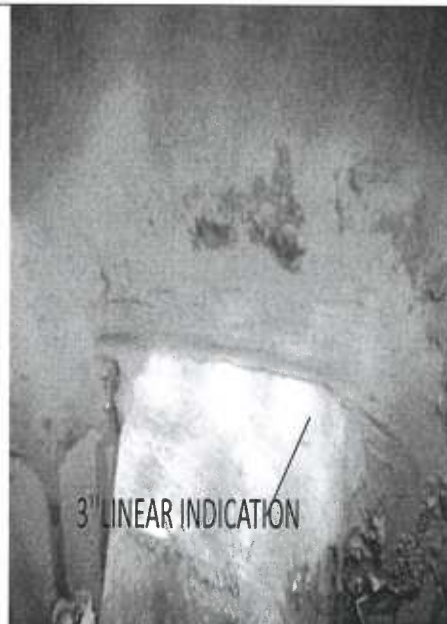
Lighting Equipment: Yoke Light (10W)

Magnetic Particles: Dry ☐ Wet ☒ Red ☐ Grey ☐ Black ☒ Fluorescent ☐
Batch #: 301-12 Mfg: MAGNAFLUX Type: 7CBackground: ☒ Batch #: 1333 Mfg: ARDROX Type: 8901W

A MAGNETIC PARTICLE EXAMINATION WAS CARRIED OUT AS REQUESTED ON H-120 GLYCOL BOILER ON N.E. SADDLE TO SHELL FILLET WELD TO DETERMINE IF CRACK WAS PRESENT.

RESULTS: 1 -3" LONG CRACK WAS FOUND. THE INDICATION WAS THEN GROUND AND REMPI'D UNTILL GONE. THE CRACK HAD PROPAGATED RIGHT THROUGH THE SHELL. THE GROUND AREA WAS THEN ROOTED. WELDER: "KM". AFTER COOLING THE ROOT AREA WAS MPI'D. NO INDICATIONS OF DEFECTS WERE PRESENT. THE GROUND AREA WAS THEN FILLED AND CAPPED. FINAL MPI FOUND WELD TO BE ACCEPTABLE TO CODE.

REQ. TYSON LOWRIE
APPROVER: MARC CASE
22-02018989

**Inspection Limitation(s):**

Unit#: 601 Kilometers: 50
In: 0800 Out: 1100 Hrs: 3.0
In: 1530 Out: 1630 Hrs: 1.0

Personnel:
RANDY TRADEWELL
JASON ANDERSON

Consumables:
MIN.

Interpretation by:

RANDY TRADEWELL SNT-TC-1A: II
(Print)

C.G.S.B.: II
(Level)

C.G.S.B. #: 5357

(Signature)
Client Representative:
(Print)

I am in full
agreement with
report contents

(Sign)

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

IRISNDT-E-2003H



MAGNETIZING YOKE
CALIBRATION LOG

CONTOUR
Manufacturer: PROBE Model: B800 IRISNDT#: 40099 Calibration Frequency: DAILY
Calibration weights: lbs/AC: 10 lbs/DC: 40 Serial #: AC: 49159 DC: 49038

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	30-MAY-2017	YES		6"	RANDY TRADEWELL	<i>Randy Tradewell</i>
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