

2107 - 6 Street Nisku, Alberta T9E 7X8
Phone: 780-955-9688 Fax: 780-955-9389
NON-DESTRUCTIVE EXAMINATION & ENGINEERING
24 Hour Service

EQUIPMENT CERTIFICATION

October 28, 2015

Issued to:

Edcon Power Tongs and Oilfield Services Ltd. Box 209 Lac La Biche, Alberta

TO A OCO

T0A 2C0

Equipment: AOT Side Door Casing Elevator

Lock Pin

Stamp: T&T 46083

Equipment #: 949

T & T Field Report #: 46083

Hi Quality Machine & Oilfield W.O.# 6968

Engineering File #: 150722982

The above-mentioned equipment required a Level IV inspection, repairs where needed and certification for service.

T & T Inspections & Engineering Ltd. conducted the magnetic particle inspection and visual examination. Recommended repair procedures were given to Hi Quality Machine & Oilfield Repair Ltd.

Based on the inspection, review of critical dimensions, components and Hi Quality letter of October 28, 2015, it is our opinion that the equipment is a safe operating unit and may be returned to service within the manufacturer's original ratings and specifications.

This certification is valid for a period of 500 operating days, as per the recommendations provided by the Canadian Association of Oilwell Drilling Contractors, or until the unit has been damaged either as a result of operation, transportation or handling.

PERMIT TO PRACTICE

T & T INSPECTIONS & ENGINEERING LTD.

Signature_

Date_

PERMIT NUMBER: P 6501

The Association of Professional Engineers, Geologists and Geophysicists of Alberta



Red Flame Industries



Report # : NDT17716-TS1075 Asset ID : TT46083 (Tool# 949)

Client : Edcon Power Tongs & Oilfield - Lac La Biche

& Offilield - Lac La Biche

Inspection Date: Oct 23, 2017 Client WO:
Inspection Location: Lac La Biche Client PO: Jay

Client Ref: MPI Inspection

Red Flame Industries Testing Equipment				
Yoke				
Make	Model	Serial#	Calibration	Expires Date
Magnaflux	Y-1	762	Feb 16, 2017	Feb 16, 2018

Magnetic Particle Examination Information and Results

Material Type: Carbon Steel Technique Used: AC Dry Powder - Continuous

Temperature: 0° to 20°C Procedure: MT-1 Rev. 8.3

Surface Preparation: Painted In accordance with codes: ASME V Article 7, ASME B30.20

Acceptance Criteria: Red Flame Engineering Acceptance

Results

Magnetic Particle Examination Conducted On - Casing Elevator - 9.625" - 244.475MM 65 Ton - TT46083 (Tool# 949)

Visible Dry Particle Examination Conducted With AC Powered Yoke.

Multidirectional Field Achieved By Repositioning Yoke At Right Angles In Each Area Examined. Powder Applied With Hand Blower. Batch Number 16F104 Powder Removal By Light Exhalation. Minimum White Light At Examination Surface: 1000 Lux. Particle Size 2-6 im. Particle Color: YELLOW.

Examination Conducted On 9" Elevator; All Accessible Surfaces, Transition Areas And Lift Points On Fully Assembled Painted Elevator As Requested.

Results: No Relevant Indications Were Detected At The Time Of Examination.

See Photo.

Red Flame Industries Personnel Information

Technician: Tom Schulz

Assistant:

SNT-MT2 SNT-UT2 SNT-PT2

CGSB-MT2 - 17965

Signature:

Red Flame Industries

6736-71 Street, Red Deer Alberta, Canada T4P 3Y7 Phone: (403) 343-2012 Toll Free: (888) 846-8827 Ignite the possibilities

Red Flame Industries





949.jpg

Report Attachments



6736-71 Street, Red Deer Alberta, Canada T4P 3Y7 Phone: (403) 343-2012 Toll Free: (888) 846-8827