

609 - 21 Avenue Nisku, Alberta T9E 7X9
Phone: 780-955-9688 Fax: 780-955-9389
NON-DESTRUCTIVE EXAMINATION & ENGINEERING
24 Hour Service

EQUIPMENT CERTIFICATION

June 11, 2014

Issued to:

Edcon Power Tongs and Oilfield Services Ltd.

Box 209

Lac La Biche, Alberta

T0A 2C0

Equipment: B.J. Side Door Casing Elevator

Model: 51/2" x 90°, SLX 100-Ton, c/w Safety Latch

Lock Pin

Stamp: T&T 44041

Equipment #: 517

T & T Field Report #: 44041

Hi Quality Machine & Oilfield W.O.# 5994

Engineering File #: 140521819

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 final inspection and review of critical dimensions, components, and load test results, 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 N. Awarden

Date Vine 11, 2014

PERMIT NUMBER: P 6501

The Association of Professional Engineers and Geoscientists of Alberta



June 11, 2014

Red Flame Industries



Report #: NDT17716-TS1119 Asset ID: TT 44041 (Tool# 517)

> Edcon Power Tongs & Oilfield - Lac Client: La Biche

Branch: Lac La Biche

Inspection Date: Oct 23, 2017

Client WO:

Inspection

on Location :	Lac La Biche	Client PO:	Jav
	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 - 5.500" - 139.700MM 100 Ton - TT 44041 (Tool# 517)

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 5" 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

Page 1 of 2

Red Flame Industries





517.jpg

Report Attachments



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