

January 08, 2014

Edcon Power Tongs + Oilfield Services Ltd.
Box 209
Lac La Biche, Alberta
T0A 2C0

Equipment Certification

| | |
|---------------------------------------|--------------------------------------|
| Rig No.: | N/A |
| Equipment: | AOT Side Door Casing Elevator |
| Model: | 9 5/8" - 90° - SLX 150 Ton |
| Customer P.O.: | N/A |
| Serial No.: | EQ# 967 |
| Inspection Report No.: | H-30035 |
| Alco Sales/Engineering No.: | 37527-E |
| APEGGA Permit to Practice No.: | P10702 |
| Alco Shop Work Order # : | 29839 |

The above-mentioned elevator required a Level IV inspection (as per Canadian Association of Oilwell Drilling Contractors, R.P. 2.0), applicable repairs, and certification for service.

A magnetic particle (MT) inspection was conducted on Oct 29, 2013, after the elevator was completely disassembled and sandblasted.

Repair procedures were developed based on the MT inspection report as well as a thorough visual examination performed by qualified personnel with Alco Inc.

Based on the final inspection on Jan 08, 2014, after load testing, it is our opinion that the elevator is a safe operating unit and may be returned to service within the manufacturer's original rating and specification.

This certification is valid for a period of 500 operating days from the date indicated on the engineer's stamp shown below, as per the recommendations provided by the Canadian Association of Oilwell Drilling Contractors, or until the elevator has been damaged either as a result of operation, transportation or handling.



| | |
|--|--------------------------------------|
| Report # : NDT17716-TS1207 | Asset ID : EQ#967 (Tool# 967) |
| Client : Edcon Power Tongs & Oilfield - Lac La Biche | Branch : 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
 Temperature: 0° to 20°C
 Surface Preparation: Painted
 Acceptance Criteria: Red Flame Engineering Acceptance

Technique Used: AC Dry Powder - Continuous
 Procedure: MT-1 Rev. 8.3
 In accordance with codes: ASME V Article 7, ASME B30.20

Results

**Magnetic Particle Examination Conducted On - Casing Elevator - 9.625" - 244.475MM
 150 Ton - EQ#967 (Tool# 967)**

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
 SNT-MT2
 SNT-UT2
 SNT-PT2
 CGSB-MT2 - 17965

Assistant:

Signature:

