ATTN SAY.
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proTECH EQUIPMENT & DESIGN

Red Deer, Alberta ph.: 519-383-2156 email: protech@pedengineering.com

Issued to:

Edcon Power Tongs and Oilfield Services Ltd.
Lac La Biche, Alberta
T0A 2C0

August 5, 2009

CERTIFICATION OF OVERHEAD EQUIPMENT

Equipment: ..... Casing Elevator
Description: ..... AOT 8 5/8" 90 deg. 65 ton
Repair Shop: ..... Hi Quality Machine & Oilfield
Inspection Service: ..... Tartan NDT Services Ltd.
Job No.: 0326
Field Report No.: ..... M-3163 & M-3157
Load Test Certification No.: RS38825-3
Protech Equipment Design File No.: 108153-01

This certification applies to the described equipment. Inspection of this equipment was performed by Tartan NDT Services Ltd. (Mr. G. McLean, CGSB 4901 Level II) using magnetic particle inspection techniques. Furthermore, the equipment was load tested at 1.5 times the rated capacity. Critical dimensions were measured and the unit was visually inspected. No defects or non-conformities were detected or apparent at anytime during these tests and inspections.

This level IV certification is in accordance with the recommended practice of CAODC RP-4.0 and is valid for 500 days or until the equipment is damaged by handling or operation. The equipment shall be operated in strict accordance with CAODC practice including the requirement that it be inspected by a qualified person at commencement of each work shift. In the event the equipment shows wear or damage it must be taken out of service for repair and recertification.

Protech Equipment & Design
APEGGA Permit No.: P10692

PROFESSIONAL ENGINEER ALBERTA R.E. HAVEMAN

Ronald E. Haveman, P.Eng.

Red Flame Industries

Report # : NDT17716-TS1088		Asset ID : 26505 (Tool# 859)	
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 - 8.625" - 219.075MM
65 Ton - 26505 (Tool# 859)

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 ìm. Particle Color: YELLOW.

Examination Conducted On 8" 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: 

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

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Report Attachments

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