

ALCO MACHINE WORKS

ALCO CNC INDUSTRIES

ALCO HYDRA OIL TOOL

ALCO INDUSTRIAL EQUIPMENT

☐ ALCO FLOW CONTROL

ALCO INDUSTRIAL

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October 13, 2010

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

## **Equipment Certification**

Rig No.:

N/A

Equipment:

BVM Single Joint Casing Elevator

Model:

4 1/2" - 90° - 5 Ton

Customer P.O.:

N/A

Serial No.:

EQ# 425

Inspection Report No.:

H-25154

Alco Sales/Engineering No.:

7411-E

APEGGA Permit to Practice No.:

P10702

Alco Shop Work Order #:

6149

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 August 27, 2010, 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 September 30, 2010, 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, 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.

