



**ALCO Inc.**

5830 - 92 Street, Edmonton, Alberta, T6E 3A6  
Phone: (780) 442-3448 - Fax: (780) 436-6264



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**LOAD TEST CERTIFICATE**

**DATE:** October 12, 2010

**CUSTOMER:** Bitz Power Tongs Ltd.

**ADDRESS:** P.O. Box 5270  
Edson, AB  
T7E 1T5

**Serial # :** F-6

**THE FOLLOWING EQUIPMENT HAS RECEIVED A LOAD TEST TO 1.5 TIMES  
ITS RATED CAPACITY.**

**DESCRIPTION:** 5 1/2" - 90° - SLX 150 Ton  
c/w 4 1/2" Bushing

**MANUFACTURE :** AOT Side Door Casing Elevator

**LOAD TEST NUMBER:** EDM 1010 15608 7575 LT

**S.O. NUMBER:** 7575

**LOAD TESTED TO:** 225 Ton

**INSPECTION # :** H - 10241

**AUTHORIZED BY:** 

Quality Assurance Department  
Hydra Group Ltd. - Edmonton, AB

Authorized VARCO BJ Repair Center

*FG*

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## CERTIFICATE OF INSPECTION

Equipment Owner : **Bitz Power Tongs Ltd.**  
P.O. Box 5270  
Edson, Alberta  
T7E 1T5

Date: October 13, 2010

Rig # :

Equipment Description: **5 1/2" - 90° - SLX 150 Ton**  
**AOT Side Door Casing Elevator**  
**c/w 4 1/2" Bushing**

Serial Number : **F-6**

Inspection Report : **H - 10241**

Sales Order : **7575**

The undersigned hereby certifies that an inspection has been carried out on the above mentioned equipment in accordance with the applicable standards:

**CAODC R.P. 1.0, 1.0A, 2.0, 3.0, 4.0, 5.0**

American Petroleum Institute Specification 8C

**Inspection Method** : ASTM E-709 *Standard Guide for Magnetic Particle Inspection*

**Inspection Method** : ASTM E-165 *Standard Guide for Liquid Penetrant Inspection*

**Inspection Method**: ASTM-110 *Standard Guide For Hardness Testing*

Inspection Performed In Accordance With ASME Sec. 8, Div. 1, App. 6

**Acceptance Standard**: ASTM E-125 *Reference Photographs For Magnetic Particle Indications*

Load Test #: **EDM 1010 15608 7575 LT**

**No Discontinuities Noted At Time Of Final Inspection**  
**After Load Test**

Technician: L. Ponech / T. Ponech

C.G.S.B. 10873 / 5703

Signed: 

**FB**



- ALCO MACHINE WORKS
- ALCO CNC INDUSTRIES
- ALCO HYDRA OIL TOOL
- ALCO INDUSTRIAL EQUIPMENT
- ALCO FLOW CONTROL
- ALCO INDUSTRIAL

6925 - 104 Street  
Edmonton, Alberta  
Canada T6H 2L5

Phone: (780) 435-3502 • Fax: (780) 436-1858

October 14, 2010

Bitz Power Tongs  
P.O Box 5270  
Edson, Alberta  
T7E 1T5

### Equipment Certification

<b>Rig No.:</b>	<b>N/A</b>
<b>Equipment:</b>	<b>AOT Side Door Casing Elevator</b>
<b>Model:</b>	<b>5 1/2" - 90° - SLX 150 Ton c/w 4 1/2" Bushing</b>
<b>Customer P.O.:</b>	<b>N/A</b>
<b>Serial No.:</b>	<b>F6</b>
<b>Inspection Report No.:</b>	<b>H-10241</b>
<b>Alco Sales/Engineering No.:</b>	<b>7575-E</b>
<b>APEGGA Permit to Practice No.:</b>	<b>P10702</b>
<b>Alco Shop Work Order # :</b>	<b>6291</b>

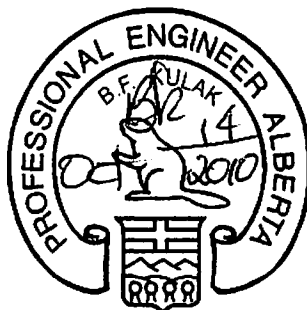
The above-mentioned elevator required a Level IV inspection (as per Canadian Association of Oilwell Drilling Contractors, R.P. 2.0), applicable repairs, and certification for service.

A magnetic particle (MT) inspection was conducted on September 08, 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 October 13, 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.



**F6**