



**ALCO INC.**

5830 - 92 Street, Edmonton, Alberta, T6E 3A6  
Phone: (780) 442-3437 - Fax: (780) 436-6264



**CERTIFICATE OF INSPECTION**

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

Date: **June 30, 2004**

Rig # :

Equipment Description: **7" - 90° - SLX 150 Ton  
BV Side Door Casing Elevator**

Serial Number :

Inspection Report : **H - 10926**

Work Order : **62939**

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 0604 6839 62939 LT**

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

Technician: L. Ponech / T. Ponech

C.G.S.B. 10873 / 5703

Signed: \_\_\_\_\_

UNIT

**E-4**



# ALCO Inc.

6925 - 104 Street, Edmonton, Alberta, Canada T6H 2L5  
Phone: (780) 435-3502 • Fax: (780) 436-1858

- DIVISIONS:**
- ALCO MACHINE WORKS
  - ALCO FLOW CONTROL
  - ALCO INC. INDUSTRIES
  - ALCO HYDRA GROUP NORTH
  - ALCO HYDRA GROUP SOUTH
  - ALCO HYDRA OIL TOOL

July 2, 2004

Bitz Power Tongs Ltd.  
PO Box 5270  
Edson, Alberta  
T7E 1T5

## Equipment Certification

**Equipment: BV Side Door Casing Elevator**  
**Model: 7" x 90°, SLX 150-Ton**  
**Serial No.: 10926**  
**Inspection Report No.: H-10926**  
**Engineering File No.: 62939-E**

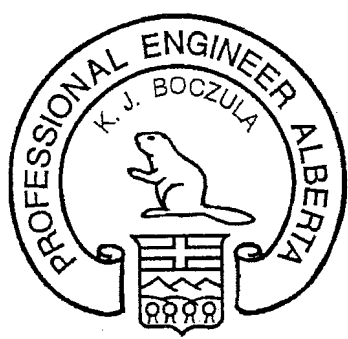
The above-mentioned elevator required a Level IV inspection (as per Canadian Association of Oilwell Drilling Contractors, R.P. 2.0), applicable repairs, and certification for service. The elevator has been retrofitted with a door safety latch pin.

A magnetic particle (MT) inspection was conducted on June 16, 2004, 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 June 30, 2004, after load testing, it is our opinion that the elevator is a safe operating unit and may be returned to service within the manufacturers 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.



<b>PERMIT TO PRACTICE ALCO MACHINE WORKS</b>	
Signature	<i>[Handwritten Signature]</i>
Date	<i>2004 02 2004</i>
<b>PERMIT NUMBER: P7208</b>	
The Association of Professional Engineers, Geologists and Geophysicists of Alberta	

UNIT E-4



**ALCO Inc.**

5830 - 92 Street, Edmonton, Alberta, T6E 3A6  
Phone: (780) 442-3437 - Fax: (780) 436-6264



**LOAD TEST CERTIFICATE**

**DATE:** June 29, 2004

**CUSTOMER:** Bitz Power Tongs Ltd.

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

**Serial # :**

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

**PART NUMBER:** 7" - 90° - SLX 150 Ton

**DESCRIPTION:** BV Side Door Casing Elevator

**LOAD TEST NUMBER:** EDM 0604 6839 62939 LT

**W.O. NUMBER:** 62939

**LOAD TESTED TO:** 225 Ton

**AUTHORIZED BY :** Harry Chaul

Quality Assurance Department  
Hydra Group Ltd. - Edmonton, AB

Authorized VARCO BJ Repair Center

UNIT  
**E-4**