

☐ 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

September 19, 2007

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

### **Equipment Certification**

Rig:

*1*9.

Equipment: Model:

Serial No.:

Inspection Report No.: Engineering File No.:

APEGGA permit to practice no.:

N/A

AOT Side Door Casing Elevator

7" - 90° - SLX 150 Ton

N/A

H-10895

86399-E

P07208

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 7, 2007 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 19, 2007 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 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.



#### ALCO Inc.

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



Date: September 19, 2007

## CERTIFICATE OF INSPECTION

Equipment Owner: Bitz Power Tongs Ltd.

P.O. Box 5270 Edson, Alberta

T7E 1T5

Rig #:

Equipment Description: 7" - 90° - SLX 150 Ton

**AOT Side Door Casing Elevator** 

Serial Number:

Inspection Report: H - 10895

Work Order: 86399

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 Metod: ASTM-110 Standard Guide For Hardness Testing Inspection Performed In Accordane With ASME Sec. 8, Div. 1, App. 6

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

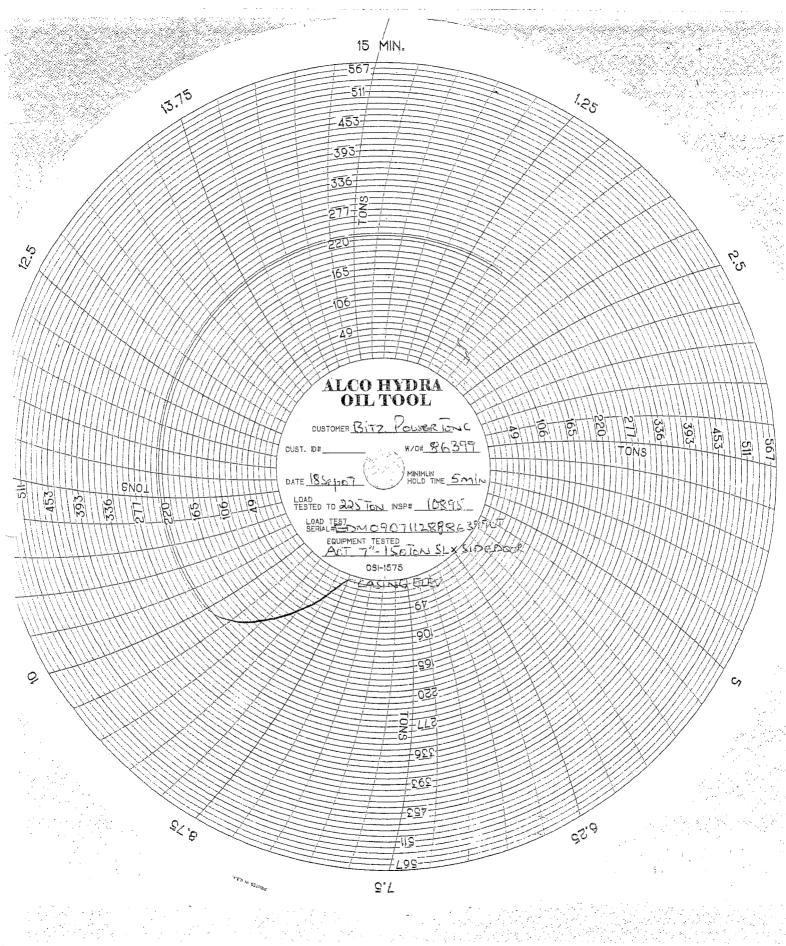
Load Test #: EDM 0907 11288 86399 LT

No Discontinuities Noted At Time Of Final Inspection After Load Test

Technician: L. Ponech / T. Ponech

C.G.S.B. 10873 / 5703

Signed:





#### ALCO Inc.

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



# LOAD TEST CERTIFICATE

DATE:

September 18, 2007

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.

DESCRIPTION:

7" - 90° - SLX 150 Ton

MANUFACTURE:

AOT Side Door Casing Elevator

LOAD TEST NUMBER:

EDM 0907 11288 86399 LT

W.O. NUMBER:

86399

LOAD TESTED TO:

225 Ton

INSPECTION #:

H - 10895

AUTHORIZED BY:

Quality Assurance Department Hydra Group Ltd. - Edmonton, AB

Authorized VARCO BJ Repair Center

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