ALCO

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

LOAD TEST CERTIFICATE

DATE: December 7, 2011

CUSTOMER: Bitz Power Tongs Ltd.

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

Serial # : E3

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

DESCRIPTION: 7" - 90° - TA 150 Ton

MANUFACTURE : BJ Center Latch Casing Elevator

LOAD TEST NUMBER: EDM 1211 16647 18017 LT

S.O. NUMBER: 18017

LOAD TESTED TO: 225 Ton

INSPECTION # : H - 11923

AUTHORIZED BY :

Quality Assurance Department
Hydra Group Ltd. - Edmonton, AB

Authorized VARCO BJ Repair Center

E3

E3

ALCO INC.
ENERGY INDUSTRIES

❑ 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

December 08, 2011

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

Equipment Certification

Rig No.:	***N/A***
Equipment:	***BJ Casing Elevator***
Model:	***7" - 90° - TA 150 Ton***
Customer P.O.:	***N/A***
Serial No.:	***E3***
Inspection Report No.:	***H-11923***
Alco Sales/Engineering No.:	***18017-E***
APEGGA Permit to Practice No.:	***P10702***
Alco Shop Work Order # :	***15086***

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 October 14, 2011, 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 December 08, 2011, 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.

PROFESSIONAL ENGINEER ALBERTA
B. KULAK
Dec 8 2011

E3

E3

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

CERTIFICATE OF INSPECTION

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

Date: **December 08, 2011**

Rig # :

Equipment Description: **7" - 90° - TA 150 Ton**
BJ Center Latch Casing Elevator

Serial Number : **E3**

Inspection Report : **H - 11923**

Sales Order : **18017**

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 1211 16647 18017 LT**

No Discontinuities Noted At Time Of Final Inspection After Load Test

Technician: L. Ponech / T. Ponech

C.G.S.B. 10873 / 5703

Signed: _____ E3

E3