



**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**

1. The first part of the document discusses the importance of maintaining accurate records of all transactions.

2. It is essential to ensure that all data is entered correctly and that the system is regularly updated.

3. The second part of the document outlines the various methods used to collect and analyze data.

4. These methods include surveys, interviews, and focus groups, each with its own strengths and weaknesses.

5. The third part of the document describes the process of data analysis and the tools used to facilitate this process.

6. It is important to choose the right tools and techniques for the specific data being analyzed.

7. The fourth part of the document discusses the challenges of data analysis and how to overcome them.

8. These challenges include data quality, data quantity, and data complexity, all of which can be addressed with the right approach.

9. The fifth part of the document provides a summary of the key points discussed in the document.

10. It is hoped that this document will provide a useful overview of the field of data analysis.

11. The document concludes with a list of references and a bibliography of the sources used in the research.

ES

December 08, 2011

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

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### Equipment Certification

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

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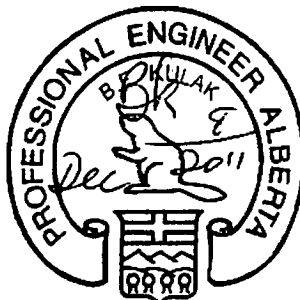
The above-mentioned elevator required a Level IV inspection (as per Canadian Association of Oilwell Drilling Contractors, R.P. 2.0), applicable repairs, and certification for service.

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.



**E3**

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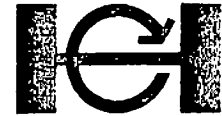
ER





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**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 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 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**



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