

September 11, 2013

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

Equipment Certification

Rig No.: N/A
Equipment: BJ Side Door Casing Elevator
Model: 5 1/2" - 90° - SLX 100 Ton
Customer P.O.: N/A
Serial No.: F 2
Inspection Report No.: H-13908
Alco Sales/Engineering No.: 33910-E
APEGGA Permit to Practice No.: P10702
Alco Shop Work Order # : 27187

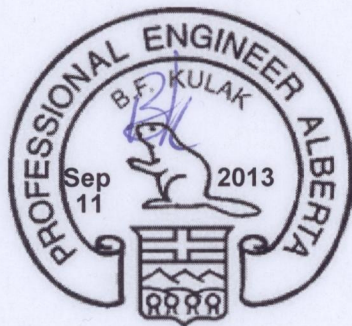
The above-mentioned elevator required a Level IV inspection (as per Canadian Association of Oilwell Drilling Contractors, R.P. 2.0), applicable repairs, and certification for service.

A magnetic particle (MT) inspection was conducted on Jun 11, 2013, 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 Sep 11, 2013, 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.



F2



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: **September 11, 2013**

Rig # :

Equipment Description: **5 1/2" - 90° - SLX 100Ton
BJ Side Door Casing Elevator**

Serial Number : **F2**

Inspection Report : **H - 13908**

Sales Order : **33910**

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

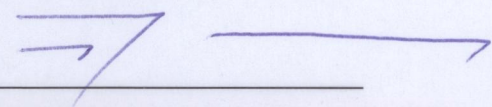
Acceptance Standard: ASTM E-125 *Reference Photographs For Magnetic Particle Indications*

Load Test #: **EDM 0913 18396 33910 LT**

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

Technician: L. Ponech / T. Ponech

C.G.S.B. 10873 / 5703

Signed: 

F2



ALCO Inc.

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



LOAD TEST CERTIFICATE

DATE: September 10, 2013

CUSTOMER: Bitz Power Tongs Ltd.

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

Serial # : F2

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

DESCRIPTION: 5 1/2" - 90° - SLX 100 Ton

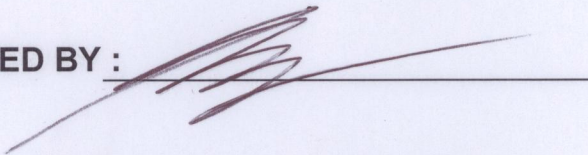
MANUFACTURE : BJ Side Door Casing Elevator

LOAD TEST NUMBER: EDM 0913 18396 33910 LT

S.O. NUMBER: 33910

LOAD TESTED TO: 200 Ton

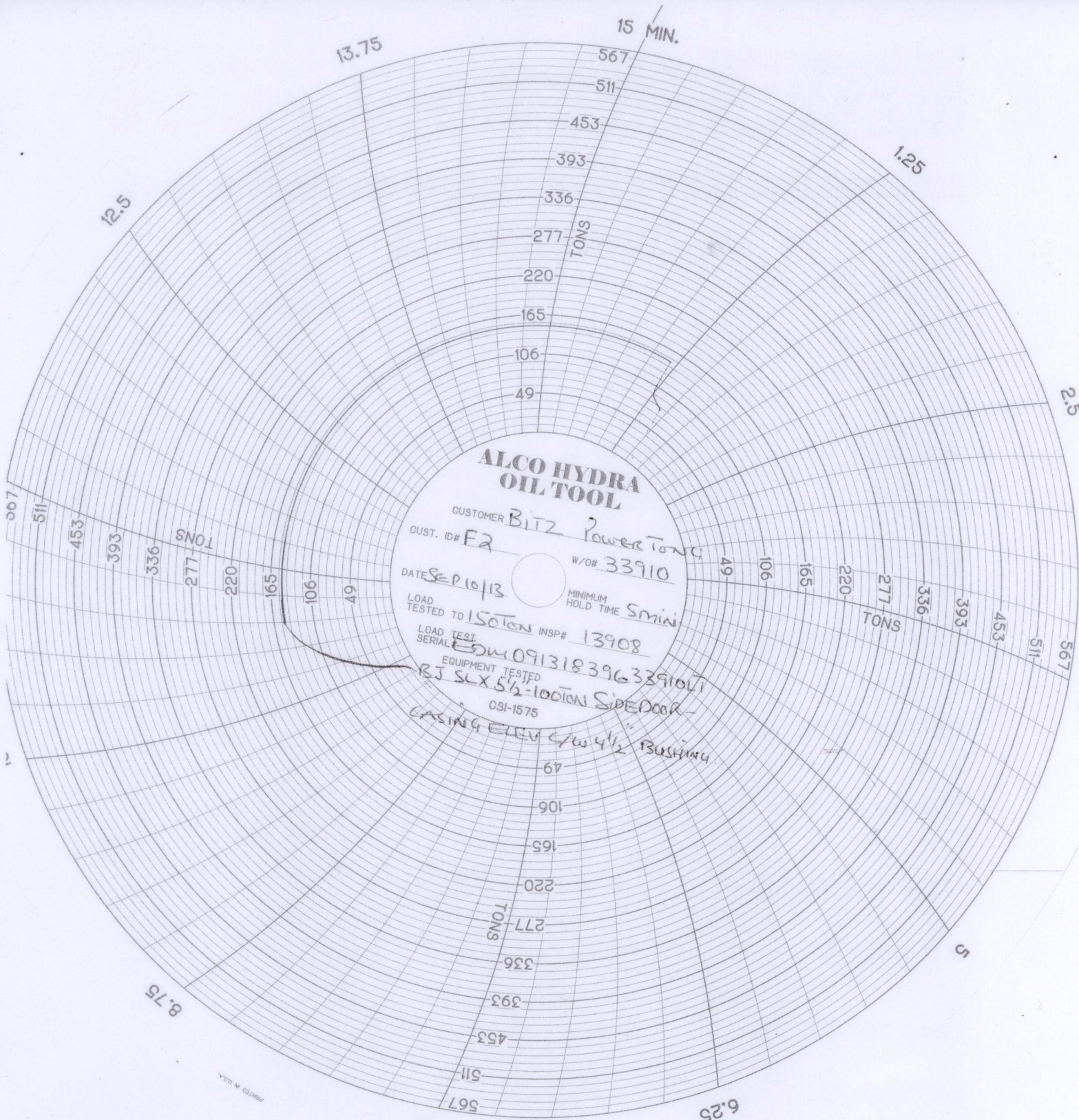
INSPECTION # : H - 13908

AUTHORIZED BY : 

Quality Assurance Department
Hydra Group Ltd. - Edmonton, AB

Authorized VARCO BJ Repair Center

F2



**ALCO HYDRA
OIL TOOL**

CUSTOMER **BITZ Power TONG**
 CUST. ID# **F2** W/O# **33910**

DATE **SEP 10 13** MINIMUM HOLD TIME **5 min**

LOAD TESTED TO **150 TON** INSP# **13908**

LOAD TEST SERIAL **EDW 091318396339101**
 EQUIPMENT TESTED **BJ SLX 5 1/2 - 100 TON SIDE DOOR**
 CSI-1575

CASING ELEV 6' w 4 1/2" BUSHING