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- 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

November 05, 2014

Edcon Power Tongs + Oilfield Services Ltd.
 Box 209
 Lac La Biche, Alberta
 T0A 2C0

Equipment Certification

Rig No.:	N/A
Equipment:	Web Wilson Casing Elevator
Model:	7" - 90° - C 100 Ton
Customer P.O.:	N/A
Serial No.:	EQ# 782
Inspection Report No.:	H-31268
Alco Sales/Engineering No.:	52996-E
APEGGA Permit to Practice No.:	P10702
Alco Shop Work Order # :	N/A

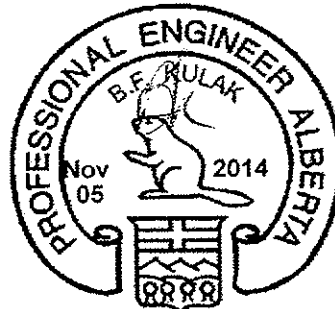
The above-mentioned elevator required a Level IV inspection (as per Canadian Association of Oilwell Drilling Contractors, R.P. 2.0), applicable repairs, and certification for service.

A magnetic particle (MT) inspection was conducted on Oct 14, 2014, 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 Nov 05, 2014, 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 from the date indicated on the engineer's stamp shown below, 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.



LOAD TEST CERTIFICATE

DATE: November 4, 2014

CUSTOMER: Edcon Power Tong Services Ltd.

ADDRESS: P.O. Box 209
LacLaBiche, Alberta
T0A 2C0

Serial # : 782

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

DESCRIPTION: 7 " - 90° - 100 Ton

MANUFACTURE: Web Wilson Casing Elevator

LOAD TEST NUMBER: EDM 1114 19392 52996 LT

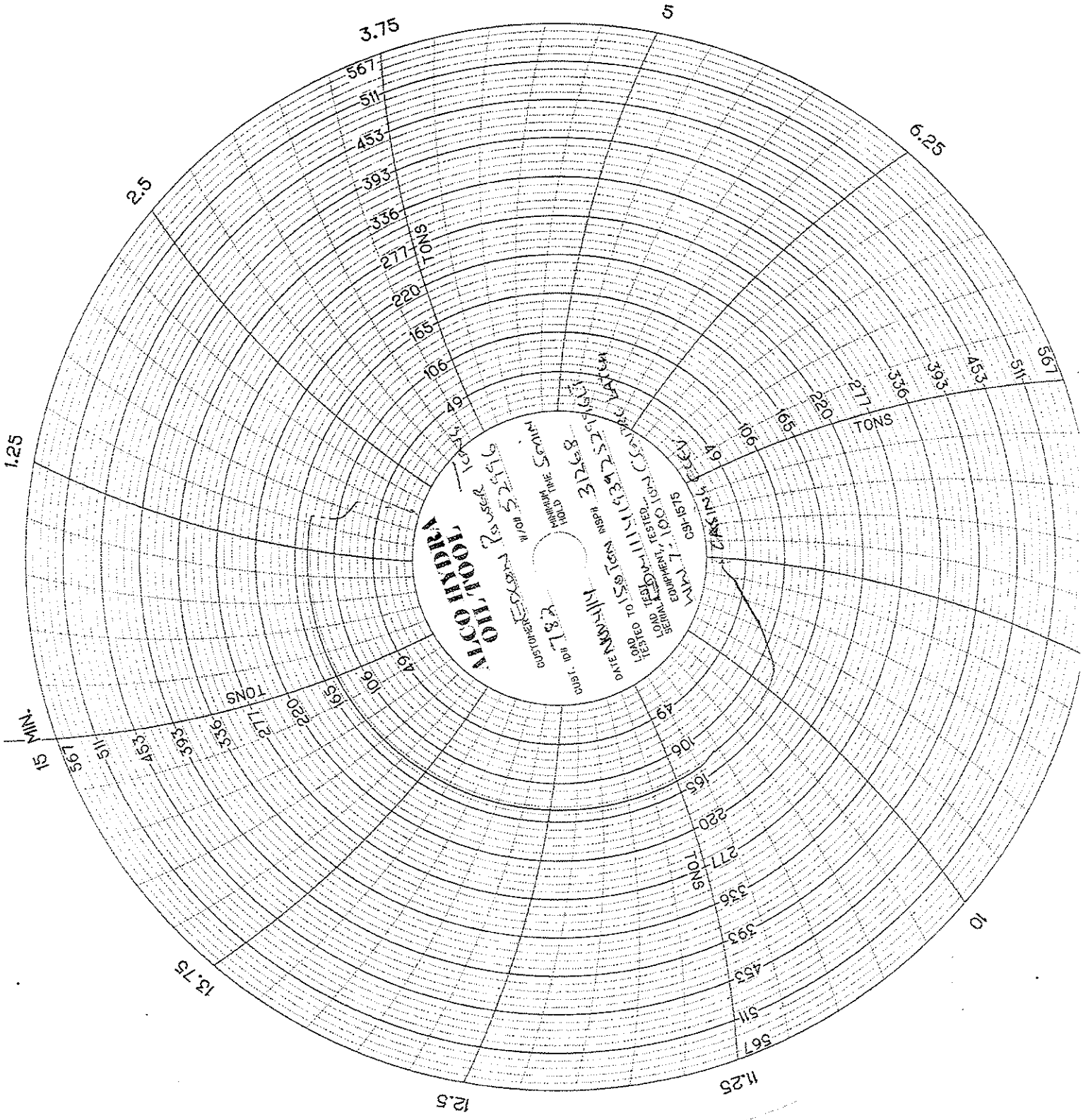
LOAD TESTED TO: 150 Ton

INSPECTION #: H-31268

JOB NUMBER: 52996

AUTHORIZED BY : _____


**Quality Assurance Department
Alco / Hydra Oil Tool - Edmonton, AB**



COMPTON ELECTRONIC SYSTEMS CORPORATION
SERIAL NO. 100-100-100-100
PART NO. 100-100-100-100
100-100-100-100

1.25 2.5 3.75 5 6.25 7.5 10 11.25 12.5 13.75 15 MIN 15
49 106 165 220 277 TONS 336 393 453 511 567

CERTIFICATE OF INSPECTION

Date: **November 5, 2014**

Equipment Owner : **Edcon Power Tong Services Ltd.**
P.O. Box 209
LacLaBiche, Alberta
T0A 2C0

Rig # :

Equipment Description: **7" - 90° - 100 Ton**
Web Wilson Casing Elevator

Serial Number : **782**

Inspection Report : **H-31268**

Job Number: **52996**

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 / 7K

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 E-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 1114 19392 52996 LT**

No Discontinuities Noted At Time Of Final Inspection
After Load Test

Technician: L. Ponech / T. Ponech

C.G.S.B. 10873 / 5703

Signed: 

Report # : NDT17716-TS1034	Asset ID : H-31268(Tool# 782)
Client : Edcon Power Tongs & Oilfield - Lac La Biche	Branch : Lac La Biche
Inspection Date : Oct 23, 2017	Client WO :
Inspection Location : Lac La Biche	Client PO : Jay
Client Ref : MPI Inspection	

Red Flame Industries Testing Equipment

Yoke				
Make	Model	Serial#	Calibration	Expires Date
Magnaflux	Y-1	762	Feb 16, 2017	Feb 16, 2018

Magnetic Particle Examination Information and Results

Material Type: Carbon Steel	Technique Used: AC Dry Powder - Continuous
Temperature: 0° to 20°C	Procedure: MT-1 Rev. 8.3
Surface Preparation: Painted	In accordance with codes: ASME V Article 7, ASME B30.20
Acceptance Criteria: Red Flame Engineering Acceptance	

Results

**Magnetic Particle Examination Conducted On - Casing Elevator - 7.000" - 177.800MM
100 Ton - H-31268(Tool# 782)**

Visible Dry Particle Examination Conducted With AC Powered Yoke.

Multidirectional Field Achieved By Repositioning Yoke At Right Angles In Each Area Examined.
Powder Applied With Hand Blower. Batch Number 16F104 Powder Removal By Light Exhalation.
Minimum White Light At Examination Surface: 1000 Lux. Particle Size 2-6 im. Particle Color: YELLOW.

Examination Conducted On 7" Elevator; All Accessible Surfaces, Transition Areas And Lift Points On Fully Assembled Painted Elevator As Requested.

Results: No Relevant Indications Were Detected At The Time Of Examination.

See Photo.

Red Flame Industries Personnel Information

Technician: Tom Schulz
SNT-MT2
SNT-UT2
SNT-PT2
CGSB-MT2 - 17965

Assistant:

Signature:





782.jpg

Report Attachments