

INSPECTIONS & ENGINEERING

2107 - 6 Street Nisku, Alberta T9E 7X8

Phone: 780-955-9688 Fax: 780-955-9389

NON-DESTRUCTIVE EXAMINATION & ENGINEERING
24 Hour Service

CUSTOMER Hi Quality Machine & Oilfield Rep.
ADDRESS 1207 - 8 A Street
Nisku, Alberta T9E 7R3

T & T# 25645

DATE : October 15, 2014
W.O.# : 6431
P.O.# :
INVOICE #: 44806
ENGINEERING FILE#: 141022410
OWNER: Edcon Power Tongs and Oilfield S

N.D.T. METHODS APPLICATION

:MAGNETIC PARTICLE

DRY: x WET:

RESIDUAL:

CONTINUOUS:

TYPE OF INSPECTION

TEST METHOD: ASTM E-709
ACCEPT. STD.: API 8C
CAODC R.P.: 2.0
T&T PROCEDURE: MT-01, Rev 2, HT-1
SURFACE COND.: SandBlasted

Magnetic particle inspection on (1) BJ Side Door Casing Elevator as per ASTM-E-709 and in accordance with CAODC R.P.2.0.

Left ear size: 4.28", Right ear size:4.29"

- Left body ok.
- Right body ok.
- Gate ok.
- (2) Piece latch ok.

Hardness tests performed:

- Left & right ear 242 BHN.
- December 1, 2014, reinspection after load test - assembled ok.

Testing Equipment:

Yoke: Mfg. Electro Spec, Mod ES-X, S/N 17966
Last Calibration Date: Nov, 2014

SUMMARY December 1, 2014, No relevant indications at final inspection after completion of repairs and load test.

MODEL: 9-5/8" x 90°, SLX 150-Ton, c/w
Safety Latch Lock Pin

MANUFACT.: B.J.

STAMP: T&T 25645

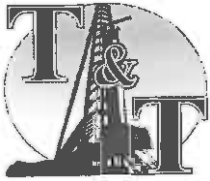
MAKE: Side Door Casing Elevator

EQUIP #: 944

INSPECTED: SS CGSB #13081 Level II, Unit #111
SP CGSB #12916 Level II, Unit #99
CT, Unit #99

ORDERED BY: Chris

APPROVED BY: Chris



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CERTIFICATE OF INSPECTION

To: Edcon Power Tongs and Oilfield Services

T & T #: 25645

The undersigned hereby certifies that the following equipment has been inspected:

Manufacturer: B.J. Side Door Casing Elevator **Model:** 9-5/8" x 90°, SLX 150-Ton,
c/w Safety Latch Lock Pin
Stamp: T&T 25645

Equip #: 944

strictly in accordance with NONDESTRUCTIVE Examination ASTM-E-709 and the inspection meets the qualifications standards for inspectors as set forth in the SNT-TC-1A (2006 Edition).

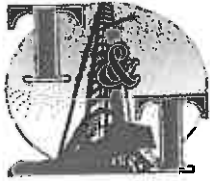
Date: December 01, 2014

Shaukat Sultan CGSB 13081, Level II

Inspector
C.G.S.B.

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EQUIPMENT CERTIFICATION

December 01, 2014

Rev #: 2

June 02, 2015

Issued to:

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

Equipment:	B.J. Side Door Casing Elevator
Model:	9-5/8" x 90°, SLX 150-Ton, c/w Safety Latch Lock Pin
Stamp:	T&T 25645
Equipment #:	944
T & T Field Report #:	25645
Hi Quality Machine & Oilfield	W.O.# 6431
Engineering File #:	141022410

The above-mentioned equipment required a Level IV inspection, repairs where needed and certification for service.

T & T Inspections & Engineering Ltd. conducted the magnetic particle inspection and visual examination. Recommended repair procedures were given to Hi Quality Machine & Oilfield Repair Ltd.

Based on the final inspection and review of critical dimensions, components, and load test results, it is our opinion that the equipment is a safe operating unit and may be returned to service within the manufacturer's original ratings and specifications.

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 unit has been damaged either as a result of operation, transportation or handling.

PERMIT TO PRACTICE
T & T INSPECTIONS & ENGINEERING LTD.
Signature Charlie Qiang
Date Dec. 01, 2014
PERMIT NUMBER: P 6501
The Association of Professional Engineers,
Geologists and Geophysicists of Alberta

