



**ALCO INC. HEAD OFFICE**

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December 8, 2021

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

**Certificate of Conformance**

<b>CUSTOMER:</b>	Edcon Power Tongs & Oilfield Services Ltd.
<b>CUSTOMER EQUIPMENT # :</b>	412131 // Edcon #709
<b>CUSTOMER RIG # :</b>	N/A
<b>EQUIPMENT DESCRIPTION:</b>	RT Side Door Casing Elevator
<b>MODEL AND RATING:</b> <u>150 Tons</u>	7", SLX-150, 150 Ton (133446-daN)
<b>INSPECTION COMPANY / REPORT #:</b>	Alco / H -N/A
<b>ALCO ENGINEERING FILE # :</b>	73861-3-E
<b>ALCO WORK ORDER # :</b>	73861-3

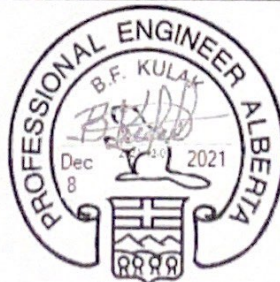
This document specifies that all parts and/or assemblies for the equipment referenced above are sold under the manufacturer's warranty.

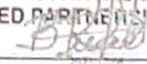
The above referenced items are to be used according to the manufacturer's directions and ratings. Alco assumes no responsibility for defective parts or assemblies or any costs associated with their repair due to normal use or misuse.

Manufacturer's documentation indicate a load test to 1.5 times this component's rating has been done. Material ductility requirements conform to those specified by the American Petroleum Institute's (API) section 8c.

A CAODC Recommended Practice Level IV inspection is typically required after: 500 operating days.

  
 2021-12-08  
 Brian Kulak, P.Eng  
 Engineering Manager  
 Alco Inc.



<b>PERMIT TO PRACTICE</b>	
ALCO INC., GENERAL PARTNER OF THE ALCO LIMITED PARTNERSHIP	
RM SIGNATURE:	
RM APEGA ID #:	30312
DATE:	Dec 8 2021
<b>PERMIT NUMBER: P010702</b>	
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)	

# Elevator #709

## 2. OPERATION

### 2.1 Installation

As with any manual operated elevator, the "X" series elevator is easily installed on the links. After using a tugger line or catline to lift the elevator onto the rig floor and position it next to the rotary table, perform the following procedure:

1. Remove the cotter pin and nut from the link block bolt on SLX-150's and on SLX-65's simply removes the link block bolt.
2. Hook the small end of the link through the link retainer opening.
3. Replace the link retainer bolt and link bolt nut.
4. Repeat this procedure on the other link arm.
5. To remove, simply reverse the installation process.
6. Make sure a cotter pin and nut are used on the link block bolt.

### 2.2 Operation

Operation of the elevator is straight forward. The door is opened by gripping the latch lock and pulling outward. This automatically releases the latch and latch lock assembly so the elevator can be positioned on the pipe. When the elevator is properly closed around the pipe, the latch and latch lock locks automatically (see "caution"). This elevator can be used in temperatures above -45°C.

#### CAUTION:

- Elevators are manufactured to operate in a vertical direction, When using to pick up or lay down pipe in a non-vertical position, the operator should ensure that the safety lock pin is removed from the storage hole and secured in place behind the latch. This will prevent the latch from opening when picking up or laying down pipe in a non-vertical position.
- "X" series elevators should only be used with tubular having square shoulder connections or lifting plugs.
- Be sure to use the door handle provided for operating the elevator. Keep hands and fingers clear of the elevator bore when installing the elevator on the pipe.
- Check the latch lock for full engagement when closed around the pipe.
- Be sure that the elevator's bore coincides with the type of tubing, casing, wash pipe, or drill collar you are lifting and that there is a proper fit between the two.
- Oversized pipe could cause difficulties in latching or possibly result in the elevator latching partially or not at all. Undersized pipe could cause uneven stress distribution, inadequate load bearing area, or possibly allow the collar to slip through the elevator.
- Inspect the bore, latch, latch pin and hinge pin regularly for wear. Proper bore codes and dimensions are given in current catalogs.
- Make sure link block bolts have nuts and cotter pins for the SLX-150 type elevators.