



ALCO INDUSTRIAL INC.

- ALCO MACHINE WORKS

- ALCO INDUSTRIAL

- ALCO FLOW CONTROL

- MICRO INDUSTRIES

October 9, 2001

Gilliss Power Tongs Ltd. PO Box 516 Lampman, Saskatchewan S0C 1N0

## **Equipment Certification**

Equipment: BJ Side Door Casing Elevator

Model: 5-1/2" x 90°, SLX 100-Ton

Serial No.: 7882

Hydra Inspection Report No.: 7882 Alco Machine Works W.O.: 33238 Engineering File No.: 33238-E

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.

Hydra Group Ltd. conducted a magnetic particle (MP) inspection on September 17, 2001, after the elevator was completely disassembled and sandblasted.

Repair procedures were developed based on the MP inspection report as well as a thorough visual examination performed by qualified personnel with Alco Machine Works.

Based on the final inspection on October 5, 2001, after load testing, it is our opinion that the elevator is a safe operating unit and may be returned to service within the manufacturers 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.



PERMIT OPRACTICE
ALCO WASHIE WORKS
Signature
Date 000000 9,2001
PERMIT NUMBER: P7208
 The Association of Professional Engineers, Geologists and Geophysicists of Alberta