

ALCO	MACHINE WORKS
ALCO	CNC INDUSTRIES

☐ ALCO INDUSTRIAL EQUIPMENT☐ ALCO FLOW CONTROL

6925 - 104 Street Edmonton, Alberta

ALCO HYDRA OIL TOOL

ALCO INDUSTRIAL

Canada T6H 2L5

Phone: (780) 435-3502 • Fax: (780) 436-1858

February 10, 2012

K + S Power Tongs 3614 - 63 Avenue Cl Lloydminster, Alberta T9V 2W1

## **Equipment Certification**

Rig No.:

KS # 408

Equipment:

**AOT Casing Elevator** 

Model:

4 1/2" - 90° - 65 Ton

Customer P.O.:

Serial No.:

85470

Inspection Report No.:

H-27539

Alco Sales/Engineering No.:

19240-E

APEGGA Permit to Practice No.:

P10702

Alco Shop Work Order #:

16045

The above-mentioned elevator required a Level IV inspection (as per Canadian Association of Oilwell Drilling Contractors, R.P. 4.0), applicable repairs, and certification for service.

A magnetic particle (MT) inspection was conducted on December 08, 2011, 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 February 10, 2012, 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 6 years, 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.

