



INSPECTION SERVICES AND ENGINEERING CERTIFICATION

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INSPECTION REPORT

EQUIPMENT LOCATION:	Lloydminster, Alberta				NDT PROCEDURE#:	INSP-001			
EXAMINATION COVERAGE:	RANDOM:	5%	10%	25%	50%	75%	100%	X	
ACCEPTANCE CRITERIA:	CSA W59	X	ISO 9927-1	CAODC RP	2.0	OTHER:			
INSPECTION METHOD:	VT	X	UT	MT WET FLOURESCENT	MT WET BLACK	MT DRY RED	X		
EQUIPMENT INFO:	BLACK LIGHT MAKE - INOVA				LIGHT METER # 1822158		MAG COIL # RC1-30120121		

CLIENT:	K&S Power Tongs	UNIT/RIG:	KS 412
EQUIPMENT:	Casing Elevator	MAKE/MODEL:	BJ/4 1/2"
RATING:	65 Ton	SERIAL NUMBER:	H12618

EQUIPMENT PHOTOS



INSPECTION RESULTS

ACCEPTABLE:	X	REJECTED:	DATE OF INSPECTION:	June 18, 2021
TECHNICIAN:			COMMENTS:	
			REPAIRS:	

QUALITY ASSURED INSPECTIONS FOR QUALITY ASSURED BUSINESSES

*Except as provided herein, Index NDT Inspections Ltd. makes no warranty, express or implied with respect to the mechanical or other conditions of the equipment inspected by us. Index NDT Inspections Ltd. shall only be responsible in the event of damage resulting directly from their inspection, and in no event, shall the liability of Index NDT Inspections Ltd. exceed the cost of inspection. Our organization assumes only the responsibility of locating defects in the inspected components and welds made accessible at the time of inspection. All equipment should be cleaned to allow access to all welds and critical components. It is of the utmost importance that the unit's owner be aware that excessive coating over 10 mils can severely mask the detection of discontinuities while utilizing standard inspection techniques. We are not responsible for the mechanical or other conditions assembled condition except at customer's request.

HN-INCLUSION P-POROSITY IUC-INTERNAL UNDERCUT EUC-EXTERNAL UNDERCUT S-SLAG C-CRACK IP-INCOMPLETE PENETRATION NF-NON-FUSION CR-CRACK PH-PIN HOLE D-DISCONTINUITY



CERTIFICATE OF COMPLIANCE

CLIENT:	K & S Power Tongs
UNIT:	KS 412
EQUIPMENT:	Casing Elevator
MANUFACTURER:	BJ
MODEL:	4 1/2"
RATING:	65 Ton
SERIAL #:	H12618
LOCATION:	Lloydminster, AB
INSPECTION DATE:	June 18, 2021

CONDITIONS OF USE:

1. Identification and rating to be permanently affixed in a visible location
2. Visually inspect equipment prior to each use
3. Maintain equipment in good condition

CERTIFICATION:

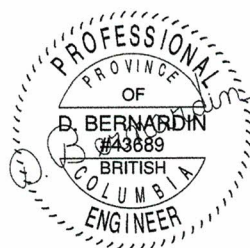
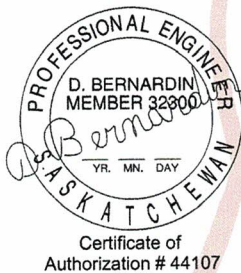
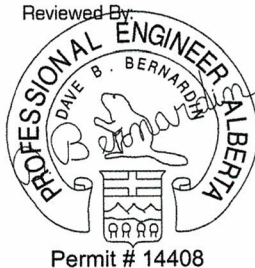
Index NDT Inspections Limited performed a VISUAL AND MAGNETIC PARTICLE inspection on the above-mentioned OVERHEAD EQUIPMENT after it was cleaned and disassembled. All observations have been recorded and are disclosed in the Index NDT Inspections Ltd. report for the OVERHEAD EQUIPMENT with the serial #H12618. The scope of this certificate is limited to the inspection of item's structural condition at the time of inspection and does not imply a review of the equipment's design or it's associated capacity rating. The capacity noted above reflects the original equipment manufacturer's maximum capacity rating and may be reduced by operating conditions, regulatory requirements and the use of auxiliary equipment that has a lower capacity rating.

The undersigned Engineer reviewed all the inspection reports and has issued this certificate after all repairs (if any) were completed. In the undersigned engineer's opinion, the OVERHEAD EQUIPMENT #H12618 may be returned to service and operated within the original manufacturer's specifications. The equipment owner must provide the OEM's operating instructions with the equipment and maintain the OEM's identification and capacity markings. If OEM cannot be obtained, certified replacements must be obtained.

VALIDATION:

This certification covers the above-mentioned unit for a period of 500 operating days from the "inspection date" listed above, as per CAODC Recommended Practice 2.0, or until the unit is damaged by handling, transportation or operation.

Reviewed By:



Digitally signed
by David
Bernardin -- P.
Eng. - APEGA
Date: 2021.06.18
16:04:32 -06'00'

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