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BUK5-MAR

Klondike Crane Inspection Ltd.

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Edmonton, AB

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Web Site: www.klondikecrane.com

Category: **01.0 Mobile Cranes**
Sub Category: **01.09 Knuckle or Telescopic Picker**

CKB Construction Ltd.

Make: **Terex Manufacturing**
Model: **BT3470**
Serial No: **S1105BT34701019**
Unit1 No: **LBPIK002**
Unit2 No: **Knuckle or Telescopic Picker**
Last Inspected: **28 Oct 2025**

01.0 Mobile Cranes - 01.09 Knuckle or Telescopic Picker

PURPOSE OF INSPECTION:

Engineering Certification

GOVERNING SPECIFICATIONS

ASME

- B30.05 - Mobile and Locomotive Cranes
- B30.10 - Hooks
- B30.22 - Articulating Boom Cranes

CSA

- W-59 - Welded Steel Construction
- Z150 - Safety Code for Mobile Cranes
- Z150.3:17 - Safety Code on Articulating Boom Cranes

SAE

- G14.71 - BC OHS Crane Mechanical and Control Elements Inspections
- J1063 - Cantilevered Boom Crane Structures - Method of Test

REGULATIONS

Alberta	OH&S	Occupational Health and Safety, Act, Regulations and Code
Saskatchewan	OH&S	Occupation Health and Safety Regulation, and Act

Equipment Information Sheet

Client			
CKB Construction Ltd.			
Equipment			
Equip ID:	54500	Year Boom Dismantled:	
Cat:	01.0 Mobile Cranes	SerialNo:	S1105BT34701019
Sub Cat:	01.09 Knuckle or Telescopi	Location:	Edmonton
Make:	Terex Manufacturing	Condition:	Good
Model:	BT3470	Usage:	103184.9 KM
Unit1No:	LBPIK002	Unit2No:	Knuckle or Tel
Capacity:	17 Ton	Year:	
Colour:	White/Grey		
General Information			
Blocks - 1	Cables - 1	Cylinders - 1	Hooks - 1
Outriggers - 5	Sheaves - 3	Winches - 1	
Blocks			
Block Type	Capacity	Model	Serial Number
Block & Hook	15 Ton	Johnson Blocks	106-339
Boom Information			
Total Boom Length	70 Ft	Total Jib Length	
Type	Serial Number	Length	
Boom Butt Section		30 Ft	
Boom Mid Section		20 Ft	
Boom Tip Section		20 Ft	

Inspection Results

Job #: 167534

Inspection Items	VIS	MPI	UT	LPI	NA
1). Frame Cross Members, Axle Mounts	✓	✓			
2). Rear Outriggers Complete	✓	✓			
3). Front Outriggers Complete	✓	✓			
4). Pedestal & Frame Mounts	✓	✓			
5). Upper Turret Section, & Boom Mount	✓	✓			
6). Cylinder Mounts	✓	✓			
7). Winch or Hoist Frame, Drums & Mounts	✓	✓			
8). Main, Whip & Boom Hoist Lines	✓				
9). Main Boom Sections Complete	✓	✓			
10) Boom Wear Pads, & Cable Guides	✓				
11) Jib Boom Sections Complete					✓
12) Boom or Beam, Camber, Sweep or Twist	✓				
13) Boom Angle Indicator	✓				
14) Load Line Indicator	✓				
15) Anti-two Block Device	✓				
16) Log Book					✓
17) Load Chart	✓				

VIS - Visual MPI - Magnetic Particle UT - Ultrasonic LPI - Liquid Penetrant NA - Unapplicable

Restrictions

- This unit may be returned to service with no restrictions.

Accessories

- No accessories noted at time of inspection.

Comments

- No unacceptable discontinuities noted at time of inspection.

Final Results

- No unacceptable discontinuities noted at time of inspection. This unit may be returned to service and operated within manufacturers specifications.

Disclaimer Details

“Except as provided herein, Klondike Crane Inspection Ltd. makes no warranty, express or implied with respect to the mechanical or other conditions of the equipment inspected by us. Klondike Crane Inspection Ltd. shall only be responsible in the event of damage resulting directly from their inspection, and in no event, shall the liability of Klondike Crane Inspection 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 paramount importance that the unit’s owner be aware that excessive coating thickness over 10 mils can severely mask the detection of discontinuities while utilizing standard inspection techniques. We are not responsible for the electrical or mechanical condition of the equipment.

Weld Repairs

For weld repairs of equipment, one of the two items must be followed:

1. Follow the written authorized practice from the manufacturer using manufacturer’s components, and a qualified journeyman or CWB approved welding operator.
2. Follow the written practice as approved by our Engineer. This includes materials, consumables, and welding procedures.

Engineering Verification

It is normally requested that an Engineer review the results of the inspection reports, repairs, and verify the completion of repairs. We are not responsible for the capacity, weld repairs, or alterations not specifically recommended by our Professional Engineer, and successfully completed under our direct supervision.

Load Testing

Load testing may be requested by our Technical or Engineering staff to verify the structural integrity, or following any major repairs to the unit. The items being load tested remain under the care and control of the owner during the test.

Engineering Certification

Where repairs or alterations are made to load carrying components and Engineering Certification of suitability for continued service is required, our Engineer must approve of the repair or alteration prior to the commencement of any work. Our Engineer may not be present during inspections but simply review all documentation and results of our field reports to issue Engineering Certification.

KLONDIKE CRANE INSPECTION LTD.

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 BUS: (780) 454-1811
 dispatch@klondikecrane.com

CLIENT:	CKB Construction Ltd.	PAGE:	1	OF	1
ADDRESS:	13540 -156 St NW	DISP #:	41763		
	Edmonton, AB T5V 1L3	P.O. #:	22093KP		
PHONE:	(780) 818-1263	CONTACT:	Kerry Pannebakker		
		DATE:	October 29, 2025		
EQUIPMENT SUBCATEGORY:	01.0 Mobile Cranes - 01.09 Knuckle or Telescopic	10 YEAR BOOM DISMANTLE	<input type="checkbox"/>	5 YR BLOCK DISMANTLE	<input type="checkbox"/>
MAKE	Terex Manufacturing	MODEL	BT3470		
SERIAL #	S1105BT34701019	UNIT #1	LBPIK002	UNIT #2	Knuckle or
HRS / KMS	103184.9 Km	CAPACITY	17 Ton	LBS. OR KG OR TON OR TONNE	
LOCATION	Edmonton	YEAR	_____		
PAINT CONDITION	GOOD <input checked="" type="checkbox"/> FAIR <input type="checkbox"/> POOR <input type="checkbox"/>	COLOUR	White/Grey		

Unacceptable discontinuities noted at the time of inspection Yes No

No repairs required.

When repairs are required: the undersigned gives assurance to the engineer that all mechanical and structural deficiencies identified are repaired by a certified welder/mechanic to OEM specifications. If OEM specifications are unavailable, repairs are to be completed under the guidance of an engineer. Please send repairs to repairs@klondikecrane.com

Welder: _____ Certificate #: _____
 Mechanic: _____ Certificate #: _____
 Date: _____ Signature: _____

REPAIRS REQ'D: Y N CERTIFICATION REQ'D: Y N

THIS UNIT WILL BE RECOMMENDED FOR CERTIFICATION BY OUR ENGINEER Y N

STICKER ON UNIT: Y N PROVINCE: BC AB SK MB ON
 NS NB YT NT OTHER

TECHNICIAN: SB LEAD TECH: SB

Handwritten notes at the top of the page, including "10/28/82" and "10/29/82".

Top section of the page with handwritten notes and dates: "10/28/82", "10/29/82", and "October 28, 1982".

Middle section containing a table with columns for "Knolls of", "LEARNERS", and "KNOWLEDGE". Includes handwritten notes like "10/28/82" and "Edmonton".

Section with a large handwritten note: "No repairs required." and some faint, illegible text.

Large blank area with faint horizontal lines, possibly a separator or a large redaction.

Section with faint, illegible text and some handwritten marks.

Bottom section with handwritten notes, including "10/28/82" and "10/29/82", and some illegible text.