

H16-4  
MAY

# Klondike Crane Inspection Ltd.

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Category: **08.0 Manlift Units**  
Sub Category: **08.06 Telescopic/Articulating Boom Lift**

## C5 Chadd Contractors Ltd.

Make: **Genie Industries**  
Model: **Z60/34**  
Serial No: **Z6007-6862**  
Unit1 No: **AWP149**  
Unit2 No: **Telescopic/Articulating Boom Lift**  
Last Inspected: **12 Aug 2025**

# 08.0 Manlift Units - 08.06 Telescopic/Articulating Boom Lift

## PURPOSE OF INSPECTION:

Engineering Certification

## GOVERNING SPECIFICATIONS

### **ASME**

B30.23 - Personnel Lifting Systems

### **CSA**

B311 - Safety Code for Manlifts

B354.4 - Self Propelled Boom-Supported Elevating Work Platforms

C225 - Vehicle Mounted Aerial Devices

W-59 - Welded Steel Construction

### **ERCB**

A92.5 - Boom Supported Elevating Work Platforms

## 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

<b>Client</b>					
C5 Chadd Contractors Ltd.					
<b>Equipment</b>					
Equip ID:	40867	Year Boom Dismantled:		Unit1No:	AWP149
Cat:	08.0 Manlift Units	SerialNo:	Z6007-6862	Unit2No:	Telescopic/Art
Sub Cat:	08.06 Telescopic/Articulatin	Location:	Blue Ridge	Capacity:	500 Lbs
Make:	Genie Industries	Condition:	Good	Year:	2007
Model:	Z60/34	Usage:	1004.9 HRS	Colour:	Blue/Grey
<b>General Information</b>					
Cylinders - 4					
<b>Attachments</b>					
<b>Attachment Type</b>					<b>Quantity/Size</b>
Fall Arrest Anchors					8
<b>Baskets</b>					
<b>Basket Type</b>		<b>Length</b>	<b>Width</b>	<b>Height</b>	<b>Diameter</b>
Manbasket		96 Inch	36 Inch	43 Inch	
<b>Boom Information</b>					
<b>Total Boom Length</b>		54 Ft	<b>Total Jib Length</b>		6 Ft
Type		Serial Number			Length
<b>Boom Butt Section</b>					11 Ft
<b>Riser</b>					3 Ft
<b>Boom Mid Section</b>					11 Ft
<b>Riser</b>					2 Ft
<b>Boom Mid Section</b>					14 Ft
<b>Boom Tip Section</b>					13 Ft
<b>Jib Section</b>					6 Ft

# Inspection Results

Job #: 166603

Inspection Items	VIS	MPI	UT	LPI	NA
1). Unit Frame & Mounts	✓	✓			
2). Frame Cross Members, Axle Mounts	✓	✓			
3). Front Outriggers Complete					✓
4). Rear Outriggers Complete					✓
5). Pedestal & Frame Mounts	✓	✓			
6). Upper Turret Section, & Boom Mount	✓	✓			
7). Cylinder Mounts	✓	✓			
8). Boom Riser Section	✓	✓			
9). Boom Butt Section	✓	✓			
10) Boom Mid Section	✓	✓			
11) Boom Tip Section	✓	✓			
12) Jib Section	✓	✓			
13) Boom or Beam, Camber, Sweep or Twist	✓				
14) Manbasket & Mounts	✓	✓			
15) Floor Plate or Mesh	✓				
16) Kick Plates & Mesh	✓	✓			
17) Door Hinge	✓	✓			
18) Door Latch	✓	✓			
19) Controls Clearly Labeled	✓				
21) Capacity Clearly Labeled	✓				

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.