



1121 E. Marshall Pl., Long Beach, CA 90807 Phone: (562) 988-1654

# Mobile Crane Inspection Report

Customer: The Crane Guy's Unit #: 7 Test Date: 12-19-10

Manufacturer: Link Belt Model: HTT 8660 Serial #: E9J4-6452

Capacity: 120,000 Lbs. Type of Service: Lifting

Boom Length: 35.5" Ret. 110' Ext. 34'  
56' Lattice

Load Indicator: Make MicroGuard Model: 434 Serial #: N/A

Boom Radius/Angle Indicator MicroGuard Model: 434 Serial #: N/A

Written PM Maintenance Program OK Written Rope Log OK

Last Quad Date: 12-19-10 Next Annual Date: 12-19-11 Next Quad Date: 12-19-14

Exceptions:

Maintenance notes: None

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Inspected By: Ronnie Batchelor Customer Acceptance: \_\_\_\_\_

Date of Inspection: 12-19-10 Date Accepted Service: \_\_\_\_\_



## Mobile Crane Inspection Report

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### A. General

	OK	NR	NA			OK	NR	NA	
Last Quad report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-5025	Proximity Signs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-2937
Controls Marked	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4921	Signal Charts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4936
Capacity Chart	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4923	Telescoping Indicator	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4954
Operator's Manual	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ANSI B30.5	Load Indicator	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4924
Inspection Logs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-5031	Machinery Guards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4935
Housekeeping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4926	Sheave Guards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4935.1
Cab / Station	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4925	Tailswing Protection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4999
Safety Glass	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4925	Boom Angle Indicator	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4924
Fire Extinguisher	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4997	Anti-Two Block Device	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ANSI B30
Signal Horn / BU	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4889	Levels	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4924
Ladder & Hand Hold	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4926	Exhaust Pipes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4825

### B. Equipment / Machinery

	OK	NR	NA			OK	NR	NA	
Controls Operational	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4921	Hydraulic Leaks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-5031
Drum Brakes / Clutch	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	T8-4929	Air Leaks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-3-31
Drum Indicator	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	T8-4924	Swing Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-3933
Drum Guards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4929	Swing Brakes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4924
Cable on Drum	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4929	Main Frame Mounting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ANSI B30
Boom Hoist Kickoff	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Turn Table Mounting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ANSI B30
Power Load Indicator	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4931	Outriggers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4954
Check Values	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ANSI B30.1	Tires	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-5283

### C. Attachments / Accessories

	OK	NR	NA			OK	NR	NA	
Boom	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-5035	Rope Sockets	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4981
Boom Hoist Paw	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	T8-4972	Cable Clamps	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4981
Point Sheaves	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4985	Counter Weights	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Jib	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-5035	Disconnect Clutch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Jib Stops	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4922	Boom Hoist	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hook and Block	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-5031	Crawler	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Wire Ropes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-5031	Jib Hook	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Rope Sockets	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-4981	Drum Locks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Revvng	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T8-5031	Brake Locks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**Legend:**  
**OK = Passed**      **NR = Needs Repair**      **NA = Not Applicable**



## Load Test Performed

Customer: The Crane Guy's Unit #: 7 Test Date: 12-19-10

Type of load test in accordance with Cal-OSHA Title 8:

Partial    
  Quad Test    
  After Repairs    
  Jib    
  Other

Description of Proof Load: Live load known weight

During load test, the following calculations were addressed:

	Test 1	Test 2	Test 3	Test 4
Weight of load block	1,200 Lbs.	290 Lbs.	290 Lbs.	290 Lbs.
Weight of slings & Accessories	200 Lbs	50 Lbs.	50 Lbs.	50 Lbs.
Weight of spreader bar	100 Lbs	100 Lbs.	100 Lbs.	100 Lbs.
Weight of "other"				
Test weight utilized during test				
Total calculated weight	22,000 Lbs.	4,180 Lbs.	6,490 Lbs.	7,590 Lbs.

Reason for assigned lad ratings, calculations: \_\_\_\_\_

Type of Test Performed:    
 Stability    
 Jib    
 On Rubber    
 Other

Test 1     Structural     Test 2     Structural  
 Test 3     Stability     Test 4     Stability

Test Load Applied (Cal-OSHA Title 8):

Boom Length	Boom Angle	Boom Radius	Proof Load	Rated Load	Outriggers (Yes/No)	Boom Direction
110'	71	35'	22,000 Lbs.	20,000 Lbs.	Yes	360 Deg.
110'	33.5	90'	4,180 Lbs.	3,800 Lbs.	Yes	360 Deg.
110' W/56' Jib	69	65'	6,490 Lbs.	5,900 Lbs.	Yes	360 Deg.
55'	46	35'	7,590 Lbs.	6,900 Lbs.	On Rubber	Stationary

PACT Technician: Ronnie Batchelor Date of Inspection: 12-19-10





**STATE OF CALIFORNIA  
DEPARTMENT OF INDUSTRIAL RELATIONS  
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH (DOSH)  
CERTIFICATE OF UNIT TEST AND/OR EXAMINATION OF  
CRANES AND DERRICKS USED FOR LIFTING SERVICE**

1. Owner: The Crane Guy's
2. Owner's Address: 12731 Los Nieto's Santa Fe Springs, Ca. 90670
3. Device (check):  Crane  Derrick  Other  
 Location:  Remains at worksite  Changes worksite  On barge
4. Description: Truck mounted hydraulic crane Rated Capacity: 120,000 Lbs.
5. Manufacturer: Link Belt Model No.: HTT 8660 Serial No.: E9J4 6452
6. Owner's Identification (if any): 7 License Plate No.: \_\_\_\_\_
7. Service status at time of survey: Lifting Other (describe): N/A
8. Boom, at time of survey: Length: 35'.5" 110' Jib: 34'-56' Type: Power Telescoping
9. Test loads applied including functional (partial) test load: Quadrennial

Radius	Proof Load	Rated Load	Outriggers	Boom Direction (over/Rear/Side)
110' Bm. 35' Rd.	22,000 Lbs.	20,000 Lbs.	Yes	360 Deg.
110' Bm. 90' Rd.	4,180 Lbs.	3,800 Lbs.	Yes	360 Deg.
110' Bm. W/56' Jib.	6,490 Lbs.	5,900 Lbs.	Yes	360 Deg.
55' Bm. 35' Rd.	7,590 Lbs.	6,900 Lbs.	On Tires	Stationary

Description of Proof Load: Live load known weight

10. Basis for assigned load ratings: Manufactures assigned load ratings
11. The examination shall cover the points listed on the back of this sheet as applicable.
12. Remarks and/or limitations imposed: None

I certify that on 19<sup>th</sup> Day of Dec., 2010, the above described device was tested and examined by the Undersigned; that said test and examination met with the requirements of the Division of Industrial Safety and Health (DOSH); that any deficiencies affecting the safe operation of the crane have been corrected prior to the issuance of this certificate. A copy of such certificate(s) attesting to Annual and Quadrennial certification shall be maintained in the crane or at the work site at all times.

Certificating Agency: **Preferred Aerial & Crane Technology, Inc.**

This certificate is: Annual: Yes      Quadrennial Proof Load: Yes      Quad attached: Yes  
 Next Annual Due: 12-19-11      Last Quadrennial Done: 12-19-10      By: CA-337

Signature: \_\_\_\_\_ DOSH License No.: CA-337  
 Print Name: Ronnie Batchelor Expires: October 13, 2012  
 Title: President Category: 1  
 P.A.C.T. #: \_\_\_\_\_ Issue Date: 12-19-10  
 Mailed to DOSH: 12-19-10



