

## FORMAL STRUCTURAL REPORT

Jatec Electric  
7140 67 St  
Edmonton, AB T6B 3A6

Attention: Darrel Conrod

Owner: Jatec Electric

### Structural Inspection of King Truck Engineering Ltd. Truck Mount Crane

MODEL: KC-8, SERIAL: D3385, UNIT: 30012

EQUIPMENT HOURS: 2,842.3 hours

DATE OF INSPECTION: August 8, 2024

OUR FILE: E65821

Visual examinations and magnetic particle inspections were performed on the above-described equipment. The specific items examined and our inspection findings were as follows:

1. Outriggers (2x) - no defects noted.
2. Subframe - three cracks on passenger side, two cracks on driver side.
3. Main Frame - no defects noted.
4. Turret - no defects noted.
5. Winch Mount - no defects noted.
6. Boom Butt Section - no defects noted.
7. First Intermediate Boom Extension - three missing / broken wear pad bolts
8. Boom Tip Extension - no defects noted.
9. Sheaves (Visual) - no defects noted.
10. Load Line (Spooled) (Visual) - no defects noted.
11. 5/8" Wedge Socket - no defects noted.
12. 6.25 Ton W.L.L. Terex Overhaul Ball & Hook - no defects noted.

Repairs were performed by Jatec Electric personnel. The cracks were removed by grinding or gouging and rewelded using E8018-C3 electrodes. The front shear plate was replaced with new. The wear pad bolts were replaced with new & torqued to manufacturer's specifications. Reinspection following completion of repairs revealed satisfactory workmanship with no further defects noted.

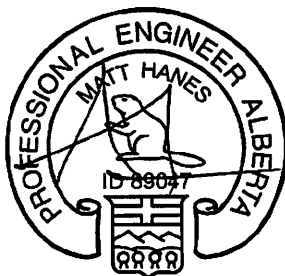
Please Note: The design of the crane mount structure is the responsibility of the installer. Kova Engineering Ltd. assumes no liability with regards to the crane mount.

Based on our examination findings, the inspected equipment is recommended for service.

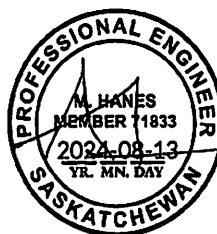
Yours very truly,

KOVA ENGINEERING LTD.

the Crane Certification Bureau™



<b>PERMIT TO PRACTICE</b> KOVA ENGINEERING LTD.	
RM SIGNATURE:	
RM APEGA ID #:	89047
DATE:	2024-08-13
<b>PERMIT NUMBER: P005138</b> The Association of Professional Engineers and Geoscientists of Alberta (APEGA)	



Association of Professional Engineers & Geoscientists of Saskatchewan		
<b>CERTIFICATE OF AUTHORIZATION</b> KOVA ENGINEERING LTD. Number C1441		
Permission to Consult held by:		
Discipline	Sk. Reg. No.	Signature
Materials /	71833	
Cranes		

Matt Hanes, P. Eng.

MH:jh