## Kova Engineering (Saskatchewan) Ltd.

www.kova.ca

The Crane Inspection and Engineering Professionals

Unit 4 - 2102 E Redbear Avenue, Regina, Saskatchewan S4N 6H9

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## ENGINEERING CERTIFICATION

National Boom Truck Crane Model: 1800, S/N: 293709, Unit: 203 EMW Industrial Ltd. Our File: R17172-01

Date of Examination: March 28, 2016

Structural examinations were performed on the above-described equipment. The following assembled (unless otherwise noted in the formal examination report) components were examined, repaired where required, and found to be suitable for service:

- 1. Front Stabilizers
- Front Outriggers and Box-Frames 2.
- 3. Rear Outriggers and Box Frames
- 4. Mainframe
- 5. Rotating Frame
- 6. **Boom Butt Section**
- First Boom Intermediate Section 7.
- 8. Second Boom Intermediate Section
- 9. Third Boom Intermediate Section
- 10. **Boom Tip Section**
- 11. Sheaves
- 12. Swing Away Jib Section
- 15-Ton Load Block and Hook (S/N: 0754405) 13.
- 14. 7-Ton Headache Ball and Hook (S/N: 07-814)
- Wedge Socket 15.
- Hanging Manbasket (S/N: 001, Capacity: 600 lbs) 16.
- %" Diameter x 4' Long Wire Rope Slings (4x) 17.
- 18. 31/4-Ton Shackles (4x)
- 1" Diameter D-Link 19.
- 20. 1/2" Diameter x 6' Long Wire Rope Sling

The structural integrity of the crane mount support structure and the stability of the installed crane are not included in this engineering certification and are the responsibility of the owner and the installer.

KOVA ENGINEERING (SASKATCHEWAN) LTD.



Association of Professional Engineers & Geoscientists of Saskatchewan

CERTIFICATE OF AUTHORIZATION Kova Engineering (Saskatchewan) Ltd.

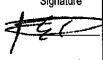
Number C672 Permission to Consult held by:

Discipline

Sk. Reg. No.

Signature

Mechanical



Jason Burtney, P. Eng.