J17-4
NOV

KOVA ENGINEERING | 780.417.1760 ca.info@industrial-ia.com | 4404 94 Street NW Edmonton, AB T6E 6T7 | kova.com

STRUCTURAL CERTIFICATION

STI Tiger Truck Mount Crane

MODEL: 5031E, **SERIAL:** 1150 31E, **UNIT:** WS100
OWNER: M.A.P. Water & Sewer Services Ltd.
OUR FILE: E72427
CERTIFICATION DATE: April 24, 2026

Structural inspections were performed on the above-described equipment. The items as outlined in the reports were inspected and repaired where required.

Stabilizers (2x)
Subframe
Turret
Winch Mount
Boom Butt Section
Hydraulic Boom Tip Extension
Load Block
3 tonne W.L.L. Crosby Swivel Load Hook

The equipment is judged structurally suitable for its intended service.

KOVA ENGINEERING LTD.
the Crane Certification Bureau™

PROFESSIONAL ENGINEER ALBERTA
MATT HANES
ID 89047
2026-Apr-30

PERMIT TO PRACTICE
KOVA ENGINEERING LTD.
RM SIGNATURE:
RM APEGA ID #: 89047
DATE: 2026-Apr-30
PERMIT NUMBER: P005138
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

Matt Hanes, P. Eng.
MH:

Any unauthorized repairs, modifications to the equipment, and/or modification of the equipment from the as-inspected configuration will void this certification.

KOVA ENGINEERING | 780.417.1760 ca.info@industrial-ia.com | 4404 94 Street NW Edmonton, AB T6E 6T7 | kova.com

FORMAL STRUCTURAL REPORT

M.A.P. Water & Sewer Services Ltd.
14303 - 116th Avenue
Edmonton, AB T5M 4G2

Attention: Mr. Lennie Howard

Owner: M.A.P. Water & Sewer Services Ltd.

Structural Inspection of STI Tiger Truck Mount Crane

MODEL: 5031E, **SERIAL:** 1150 31E, **UNIT:** WS100

DATE OF INSPECTION: April 24, 2026

PURCHASE ORDER: WS100

OUR FILE: E72427

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

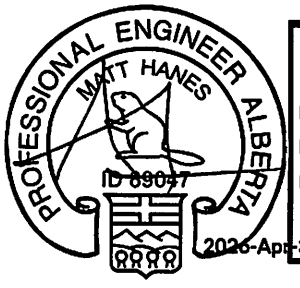
1. Stabilizers (2x) - no defects noted.
2. Subframe - no defects noted.
3. Turret - no defects noted.
4. Winch Mount - no defects noted.
5. Boom Butt Section - no defects noted.
6. Hydraulic Boom Tip Extension - no defects noted.
7. Load Line (Spooled) (Visual) - kinked area and improperly spooled load line.
8. Load Block - no defects noted.
9. 3 tonne W.L.L. Crosby Swivel Load Hook - no defects noted.

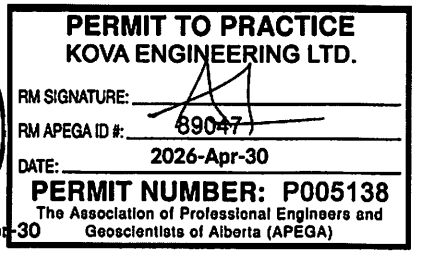
The kinked area of the load line is to be removed from service. The load line is to be spooled correctly prior to continued service.

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, following completion of our recommendations herein.

Yours very truly,
KOVA ENGINEERING LTD.
the Crane Certification Bureau™





Matt Hanes, P. Eng.
MH: