

FORMAL STRUCTURAL REPORT

ARW Truck Equipment Ltd.

9410 - 51st Avenue
Edmonton, AB T6E 5A6

Attention: _____

Owner: _____

Structural Inspection of Effer Articulating Crane**MODEL:** 375/4S, **SERIAL:** 123447**EQUIPMENT HOURS:** 5,463.9 hours**ODOMETER:** 122,998.4 miles**LOCATION:** ARW Yard (9410 - 51st Ave, Edmonton)**DATE OF INSPECTION:** May 16, 2025**PURCHASE ORDER:** K56629**OUR FILE:** E68901

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. Rear Stabilizers and Box Frames (2x) - no defects noted.
2. Outriggers (2x) - no defects noted.
3. Main Frame - no defects noted.
4. Pedestal Turret - no defects noted.
5. Main Boom Section - no defects noted.
6. Articulating Boom Section - two cracks noted on boom stow bracket.
7. First Hydraulic Boom Extension - no defects noted.
8. Second Hydraulic Boom Extension - no defects noted.
9. Third Hydraulic Boom Extension - no defects noted.
10. Hydraulic Boom Tip Extension - no defects noted.
11. Effer Articulating Jib Attachment (Model: JIB 9K3D2R4, Serial: V00511414) (Installed):
 - Jib Adaptor (Limited Access) - no defects noted.
 - Articulating Boom Section - no defects noted.
 - First Hydraulic Boom Extension - no defects noted.
 - Second Hydraulic Boom Extension - no defects noted.
 - Hydraulic Boom Tip Extension - no defects noted.
12. 8 tonne S.W.L. Palfinger Swivel Load Hook - no defects noted

Repairs were completed on-site by ARW Truck Equipment Ltd. personnel. The cracks were removed by grinding and rewelded using E7018-1 electrodes. Reinspection following completion of repairs revealed satisfactory workmanship with no further defects noted.

KOVA

THE EQUIPMENT IS JUDGED STRUCTURALLY SUITABLE FOR ITS INTENDED SERVICE.

Yours very truly,

KOVA ENGINEERING LTD.

the Crane Certification Bureau™

May 22, 2025



PERMIT TO PRACTICE KOVA ENGINEERING LTD.	
RM SIGNATURE:	
RM APEGA ID #:	89047
DATE:	2025-05-22
PERMIT NUMBER: P005138 The Association of Professional Engineers and Geoscientists of Alberta (APEGA)	



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

Matt Hanes, P. Eng.
MH:Ino

KOVA