



July 10, 2018

Camex Equipment Sales & Rentals Inc.  
1806 2 Street  
Nisku, AB T9E 0W8

Attention: Service Manager

**Re: Tractor Mounted Hydraulic Crane Inspection**  
**Certification Due Date: July 10, 2019**  
**Location: Weldco-Beales Manufacturing Ltd/Nisku**

**Our File: 18-55591**  
**P.O. Number: 65501**

Visual and magnetic particle inspections were performed on a 35 ton capacity tractor mounted hydraulic crane. The crane is described as a Weldco-Beales, Model No. WHL35TC75, Serial No. 3W43005-1, Unit No. 3536, Hour Meter Reading 8,905 hours, owned by Dynamic Heavy Haul.

The inspection applied to all accessible areas of the structure. The specific components inspected were as follows:

1. Outriggers & Box Frames (4x) - four cracks.
2. Sub Frame - no indications detected.
3. Main Frame (limited access) - four cracks, bent area.
4. Turret - no indications detected.
5. Counterweight/Winch Mount - no indications detected.
6. Boom Butt Section (disassembled) - no indications detected. (Camber 1/8" Sweep 1/16")
7. Boom Intermediate Section (disassembled) - fabricated new. (Camber 0" Sweep 0")
8. Boom Tip Section (disassembled) - fabricated new. (Camber 0" Sweep 0")
9. Load Line (spooled) - normal wear.
10. 30 Ton Johnson Load Block & Hook (s/n 12-6985) - no indications detected.
11. Wedge Socket - no indications detected.

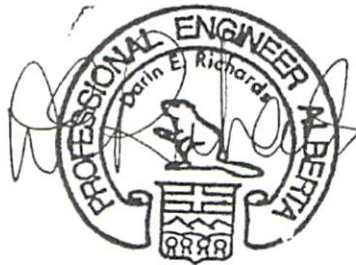
**Comments:**

Camex Equipment Sales & Rentals personnel performed the repairs. The cracks on the outriggers & box frames were completely removed by grinding before the affected areas were welded using CSA E55018-C3 (AWS E8018-C3) electrodes and SMAW using the stringer bead process in accordance with our weld procedure RP-02. The cracks on the main frame were completely removed by grinding before the affected areas were welded with ER90S-B3 mig wire. A 3/8" double plate was added and welded using the above procedure. Final inspection of the repairs revealed no further indications.

This structural inspection was performed on the equipment in the assembled condition except where noted. This certification is contingent on all previous structural repairs or modifications being performed in accordance with the original equipment manufacturers specifications or certification by a professional engineer.

Tractor Mounted Hydraulic Crane Ref/No. 18-55591

Based on the results of the inspection, this equipment is considered to be suitable for continued service. In addition to this structural inspection, all applicable original equipment manufacturers specifications, CSA codes and OH&S regulations are to be followed. Any incident, deviation of normal operation or unauthorized structural repairs subsequent to this inspection will void the certification.



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| <b>PERMIT TO PRACTICE</b>   |             |
| RED ASSOCIATES ENGINEERING LTD.   |             |
| Signature   |             |
| Date  | JUL 10 2018 |
| <b>PERMIT NUMBER: P 6573</b>  |             |
| The Association of Professional Engineers,<br>Geologists and Geophysicists of Alberta |             |

D.E. Richards P.Eng.  
C.G.S.B. Level II M.T.  
Red Associates Engineering Ltd.  
DER/st/et

