

CERTIFICATE OF INSPECTION

In accordance with CSA Z150 & W59

Certification Date: August 29, 2024
Report(s) #: 3322-24
Client: Sterling Crane
Manufacturer: Tadano
Model: TM-1882
Serial Number: EX0028

Inspection Date: August 29, 2024
Location: Winnipeg, MB
Unit Number: 18-7-1762
Type: Telescoping Boom Truck
Capacity: 18 Ton
Year: 2005

A structural inspection was completed by Certified Inspection Services Ltd. on the above unit as noted unit and listed components as detailed. The inspection included visual and MPI examination of the above and included the following components:

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|---|---|
| 1. Front Bumper Stabilizer | 15. Sheaves (Visual) |
| 2. Front Outrigger Beams & Box Frames (x2) | 16. Boom Storage Cradle |
| 3. Rear Stabilizers (x2) & Connections to Truck Chassis | 17. 12.5 Ton Johnson Load Block & Hook |
| 4. Sub-Frame (Torsion Box) & Connections to Truck Chassis | a) M/N: SB12S12BH |
| 5. Main Frame Pedestal | b) S/N: 90-3880 |
| 6. Turret | c) Weight: 182 lbs |
| 7. Winch Connection | d) U/N: 7327-96 |
| 8. 9/16 in. ϕ Load Line | 18. 4 Ton Johnson Overhaul Ball & Hook |
| 9. Boom Butt Section | a) M/N: OB4EE150-4 |
| 10. Boom 1 st Intermediate Section | b) S/N: 04-9706 |
| 11. Boom 2 nd Intermediate Section | c) Weight: 185 lbs |
| 12. Boom 3 rd Intermediate Section | d) U/N: 7714-96 |
| 13. Boom 4 th Intermediate Section | 19. 14 - 16 mm (9/16 in.) Tadano Wedge Socket |
| 14. Boom Tip Section | |

The above noted Certified Inspection Services Ltd. report should be referred to for specific details of inspection and testing.

* NOTE: "Certification" as used above implies an expression of professional opinion based on our best knowledge of the product, visual examination and NDE of accessible components and information provided by others involved in the operation, inspection, manufacture and/or repair of the product. This does not imply or guarantee, warranty or acceptance of responsibility beyond the terms of engineering services contracted, or readily evident from the inspection.

Based on the result of the inspection, the above identified unit is deemed safe as meeting the original design intent and is suitable for continued use per the manufacturer's requirements.

This certification remains in effect for one year after date of inspection unless otherwise revoked.

Regular maintenance & inspections, as required by the applicable regulations under the Provincial Workplace Safety & Health Act and the noted Standard, are required for this unit. Any subsequent form of actual, suspected, or potential damage sustained from unit misadventure (i.e. electrical contact, shock loads, known or suspected overstressing and/or stability failure) should be inspected by qualified personnel and reported to the Engineer for Re-certification prior to placing this unit back in service.

Reviewed By:



Mojtaba Montazeri, Ph. D., P. Eng.
Welding – Metallurgical Engineer
ProForma Permit #5648

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