

Date: Mar 25 2025	
Company: Balinvalley Enterprises Ltd.	Checked by: Adrian VanGnderen
Crane manufacturer: Tadano	Crane type: ATF110G-5
Serial number: 2035157	Report number:
Construction year: 2006	Unit number: VG-23
Inspector's name and cert: Adrian VanGnderen, Heavy Equipment Technician Red Seal #J-06-126686	

A	OK
B	Repair Required
C	Safety Repairs
D	N/A

1. Crane document					
Component inspected	A	B	C	D	Comments
Crane inspection log	✓	☐	☐	☐	
Operating and installation instructions	✓	☐	☐	☐	
Crane control log	✓	☐	☐	☐	
Load chart manual	✓	☐	☐	☐	

2. Signs / labeling					
Component inspected	A	B	C	D	Comments
Factory tag	✓	☐	☐	☐	
Load data	✓	☐	☐	☐	
Operating specifications label	✓	☐	☐	☐	
Prohibition and command signs	✓	☐	☐	☐	
Other safety signs	✓	☐	☐	☐	

3. Travel Gear					
Component inspected	A	B	C	D	Comments
Frame	✓	☐	☐	☐	
Supports	✓	☐	☐	☐	
Axles	✓	☐	☐	☐	
Wheels	✓	☐	☐	☐	
Tires	✓	☐	☐	☐	
Bearings	✓	☐	☐	☐	
Gear	✓	☐	☐	☐	
Universal drive shaft	✓	☐	☐	☐	
Leaf springs / springs	✓	☐	☐	☐	
Shock absorbers	✓	☐	☐	☐	
Steering	✓	☐	☐	☐	

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Brakes	☒	☐	☐	☐	
Hydraulic axle suspension	☒	☐	☐	☐	

4. Chassis					
Component inspected	A	B	C	D	Comments
Coverings	☒	☐	☐	☐	
Treads	☒	☐	☐	☐	
Counterweight holders	☒	☐	☐	☐	
Suspension equipment	☒	☐	☐	☐	
Ladders	☒	☐	☐	☐	
Hook back mounting	☐	☐	☐	☒	
Boom support	☒	☐	☐	☐	

5. Chassis – driver's cab					
Component inspected	A	B	C	D	Comments
Doors	☒	☐	☐	☐	
Windows / windshields	☒	☐	☐	☐	
Windshield wiper	☒	☐	☐	☐	
Mirrors	☒	☐	☐	☐	
Seat	☒	☐	☐	☐	
First aid kit	☒	☐	☐	☐	
Heater	☒	☐	☐	☐	

6. Chassis – drive					
Component inspected	A	B	C	D	Comments
Combustion engine	☒	☐	☐	☐	
Exhaust system	☒	☐	☐	☐	
Fuel tank	☒	☐	☐	☐	
Filter	☒	☐	☐	☐	
Sound-proofing	☐	☐	☐	☒	
Engine mount	☒	☐	☐	☐	
Oil levels	☒	☐	☐	☐	
Fuel lines	☒	☐	☐	☐	

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7. Chassis – hydraulics					
Component inspected	A	B	C	D	Comments
Oil reservoir	✓	☐	☐	☐	
Filter	✓	☐	☐	☐	
Pumps	✓	☐	☐	☐	
Motors	✓	☐	☐	☐	
Valves	✓	☐	☐	☐	
Lines	✓	☐	☐	☐	
Hoses	✓	☐	☐	☐	
Cylinder	✓	☐	☐	☐	
Pressure limiting valves	✓	☐	☐	☐	

8. Chassis – pressurized air system					
Component inspected	A	B	C	D	Comments
Compressor	✓	☐	☐	☐	
Filter	✓	☐	☐	☐	
Air tanks	✓	☐	☐	☐	
Valves	✓	☐	☐	☐	
Lines	✓	☐	☐	☐	
Hoses	✓	☐	☐	☐	
Cylinder	✓	☐	☐	☐	

9. Chassis – electrical system					
Component inspected	A	B	C	D	Comments
Battery	✓	☐	☐	☐	
Switches	✓	☐	☐	☐	
Headlights	✓	☐	☐	☐	
Brakes lights	✓	☐	☐	☐	
Indicator lights	✓	☐	☐	☐	
Tail lights	✓	☐	☐	☐	
Battery switch	✓	☐	☐	☐	

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10. Chassis – control devices					
Component inspected	A	B	C	D	Comments
Engine regulation	✓	☐	☐	☐	
Gear	✓	☐	☐	☐	
Couplings	✓	☐	☐	☐	
Brakes	✓	☐	☐	☐	
Steering	✓	☐	☐	☐	
Axle suspension	✓	☐	☐	☐	
Crane leveling	✓	☐	☐	☐	
Rear axle steering	✓	☐	☐	☐	

11. Superstructure					
Component inspected	A	B	C	D	Comments
Frame	✓	☐	☐	☐	
Coverings	✓	☐	☐	☐	
Counterweights	✓	☐	☐	☐	
Relapse retainer	✓	☐	☐	☐	
Rotary connection: Tilt play	✓	☐	☐	☐	
Rotary connection: Mounting screws	✓	☐	☐	☐	
Rotary connection: Gearing	✓	☐	☐	☐	
Slewing gear: Mounting screws	✓	☐	☐	☐	
Slewing gear: Gearing	✓	☐	☐	☐	

12. Superstructure – crane operator's cab					
Component inspected	A	B	C	D	Comments
Doors	✓	☐	☐	☐	
Windows / windshields	✓	☐	☐	☐	
Windshields wiper	✓	☐	☐	☐	
Mirrors	✓	☐	☐	☐	
Seat	✓	☐	☐	☐	
Heater	✓	☐	☐	☐	

13. Superstructure – Retaining and protection devices					
Component inspected	A	B	C	D	Comments
Grab handles and accesses	✓	☐	☐	☐	
Coverings	✓	☐	☐	☐	
Covers	✓	☐	☐	☐	

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Hatches	☒	☐	☐	☐
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14. Superstructure – engine					
Component inspected	A	B	C	D	Comments
Engine	☒	☐	☐	☐	
Exhaust system	☒	☐	☐	☐	
Fuel tank	☒	☐	☐	☐	
Filter	☒	☐	☐	☐	
Engine mount	☒	☐	☐	☐	
Fuel lines	☒	☐	☐	☐	

15. Superstructure – hydraulic system					
Component inspected	A	B	C	D	Comments
Oil reservoir	☒	☐	☐	☐	
Filter	☒	☐	☐	☐	
Pumps, motors	☒	☐	☐	☐	
Valves	☒	☐	☐	☐	
Lines, hoses	☒	☐	☐	☐	
Cylinders	☒	☐	☐	☐	
Pressure limiting valves	☒	☐	☐	☐	
Lowering brake valves	☒	☐	☐	☐	
Brake control: Hoist gear	☒	☐	☐	☐	
Brake control: Slewing gear	☒	☐	☐	☐	

16. Superstructure – electrical system					
Component inspected	A	B	C	D	Comments
Alternator	☒	☐	☐	☐	
Batteries	☒	☐	☐	☐	
Switch	☒	☐	☐	☐	
Lines	☒	☐	☐	☐	
Fuses	☒	☐	☐	☐	

17. Superstructure – control systems					
Component inspected	A	B	C	D	Comments
Engine regulation	☒	☐	☐	☐	
Joysticks for functions	☒	☐	☐	☐	
Pedals for function	☒	☐	☐	☐	
Monitoring indicators	☒	☐	☐	☐	

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18. Superstructure – rope drives					
Component inspected	A	B	C	D	Comments
Winch 1	✓	☐	☐	☐	
Winch 2	✓	☐	☐	☐	
Winch 3	☐	☐	☐	✓	
Winch 4	☐	☐	☐	✓	
Rope pulleys	✓	☐	☐	☐	
Rope end connection	✓	☐	☐	☐	
Rope for winch 1	✓	☐	☐	☐	
Rope for winch 2	✓	☐	☐	☐	
Rope for winch 3	☐	☐	☐	✓	
Rope for winch 4	☐	☐	☐	✓	
Guy ropes	☐	☐	☐	☐	

19. Superstructure – load hook					
Component inspected	A	B	C	D	Comments
Pulleys	✓	☐	☐	☐	
Rope guards on pulleys	✓	☐	☐	☐	
Axle support	✓	☐	☐	☐	
Load hook	✓	☐	☐	☐	
Load hook mounting	✓	☐	☐	☐	
Hook retention	✓	☐	☐	☐	

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20. Superstructure – safety and switching systems					
Component inspected	A	B	C	D	Comments
Hoist limit switch I	✓	☐	☐	☐	
Hoist limit switch II	✓	☐	☐	☐	
Lowering limit switch I	✓	☐	☐	☐	
Lowering limit switch II	✓	☐	☐	☐	
Boom switch I	☐	☐	☐	✓	
Boom switch II	☐	☐	☐	✓	
Luffing jib: Boom limit switch I	☐	☐	☐	✓	
Luffing jib: Boom limit switch II	☐	☐	☐	✓	
Load moment limiter	✓	☐	☐	☐	
Angle display: Boom	✓	☐	☐	☐	
Angle display: Luffing jib	✓	☐	☐	☐	
Angle display: Slewing gear	✓	☐	☐	☐	
Safety devices: Control	✓	☐	☐	☐	
Operating range limiter	✓	☐	☐	☐	
Pressure sensors	✓	☐	☐	☐	
Speed sensor	✓	☐	☐	☐	
Wind sensor	✓	☐	☐	☐	
Sliding beam monitoring	☐	☐	☐	✓	
Support pressure indicator	✓	☐	☐	☐	
Incline display	✓	☐	☐	☐	
Length indicator: Radius, boom length	✓	☐	☐	☐	
Emergency off system	✓	☐	☐	☐	
Engine stop	✓	☐	☐	☐	

21. Boom					
Component inspected	A	B	C	D	Comments
Weld structure	✓	☐	☐	☐	
Rope pulleys	✓	☐	☐	☐	
Luffing cylinder	✓	☐	☐	☐	
Telescoping cylinder	✓	☐	☐	☐	
Boom extension ropes	☐	☐	☐	✓	
Boom retraction ropes	☐	☐	☐	✓	
Boom bearings	✓	☐	☐	☐	
Boom pinning	✓	☐	☐	☐	
Guy rods	☐	☐	☐	✓	
Relapse cylinders	☐	☐	☐	✓	

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22. Jib / Luffer					
Component inspected	A	B	C	D	Comments
Weld structure	✓	☐	☐	☐	
Rope pulleys	✓	☐	☐	☐	
Relapse cylinder	☐	☐	☐	✓	
Relapse support	☐	☐	☐	✓	
Oscillation	☐	☐	☐	✓	
A-frame bearings	☐	☐	☐	✓	
Pinning of components	✓	☐	☐	☐	
Guy rods with pinning	☐	☐	☐	✓	
Rods with guide rail on A-frame 2 and A-frame 3	☐	☐	☐	✓	
All limit switches with switch mechanism	✓	☐	☐	☐	



Aug 16 2024

Technician Signature

date