

Report #

Subject Franna Crane service and recertification

Dear Sir,

Following receipt of your request to inspect and recertify the Franna mobile crane serial # xxx owned and operated by xxx

I wish to confirm my findings.

**Findings..**

The crane detailed below has recently undergone a 10 year inspection and recertification in accordance with the requirements of the Australian Standards As 1418 part 5 and As 2550 part 5.

I wish to confirm my findings.

Owner.

Make Franna

Model

Serial #

Build Date

Hour meter 12334 hours Speedo Reading

Chassis

Rego #

Inspection by xxx Consulting Engineer on the xxx

**Findings.**

The machine prior to it being stripped down to its major structures was set up in a fully operational condition and subject to a load test to establish the condition of all hydraulic cylinders, the condition of the articulation pivots.

The condition of the articulation pivot was within manufacturers specifications.

The boom assembly was inspected and serviced by xxx

New Pivot pins for the boom and the luffing cylinders were fitted.

The luffing cylinders and the steering cylinders were tested and found to be in good condition.



View of the boom pivot with new pins and bushes.



New articulation pins and bushes replaced.

Steering hydraulic cylinders serviced.



The winch assembly was serviced and the wire rope replaced.

The luffing cylinders were removed and serviced.

The front and rear axles were stripped and the axle stubs ends NDT inspected for cracks,

Wheel hubs had new bearings and seals fitted, brake drums inspected.

And the brake systems serviced.



Front and rear suspensions serviced.

The winch was stripped and serviced with new bearings and seal fitted, the winch brake was tested during the recertification load testing.

The boom extension and retraction ropes serviced.

All cable sheaves serviced



View of the load and stability testing

The cabin and all controls inspected, function tested and serviced.

All instruction and safety decals clean and legible.

All safety and indicator lights function tested

Load monitoring system serviced and calibrated.

All load charts clean and legible.

#### **Load testing**

Full load test SWL 3.70 tonnes at a boom length of 13.8 meters. Load radius 7.00 meters

Test load 4.7 tonnes

Line pull winch brake test SWL 4.2 tonnes.

Test Load 4.620 tonnes.

Hook Block serviced.

#### **Conclusion.**

The crane detailed above has had an inspection and service in accordance with the requirements of the Australian Standards As 1418 part 5 and As 2550 part 5.

The next major inspection is subject to the annual inspections by a competent person who will review the load and service log and determine when the next major inspection is required, on or before February 2026.

The crane has undergone a Crane Safe Inspection and is safe to return to work

EXAMPLE DOCUMENT ONLY