

Mobile Crane Inspection Report



Job & Report Number:	J20785-S102	Inspection Date:	10/04/2025
Client / Equipment Holder:	Agtrans Limited	Contact Person:	Phil / CJ
Address:	24 Fitzgerald Lane, Hawera,	Contact Number:	0800 AGTRANS / 0272786770
Type:	Hydraulic Mobile Crane	Boom Configuration:	Hydraulic Tele-boom
Official Number:	81/1412	Rating Sheet:	Stored in cab
Client ID:	Terex Crane	Capacity:	80 Tonnes (Max)
Manufacturer:	Terex Demag AC80-2	Hoist Rope Diameter:	18mm
SWL Indicator Type:	Terex Loadmaster	Hooks SWL:	50 ton
Vehicle Type:	2008 Terex Demag	Registration:	JKJ 86

GENERAL

Number	Check	Assessment	Comments
1	SWL & ID Clearly Visible	✓	Marked clearly on vehicle with O/N on crane cab door. Satisfactory
2	Maintenance Records	✓	Verbal update on maintenance at time of inspection.
3	Rating Sheet (English, with Crane Number)	✓	Load chart in cab and loadmaster computer.

OPERATIONAL

4	SLI Alarms (Visual, Audible, Cut-out)	✓	Alarms and cutouts operating satisfactory.
5	Anti – Two Block, Main & Fly Jib	✓	Main and auxiliary alarms and cutouts operating. Satisfactory.
6	Radius Indicator	✓	At load test accurate reading 19.9m
7	Boom Angle Indicator	C	Inclinometer on boom faded, Luffing limiter reading 82°.
8	Load test (Load, Boom Length, Radius)	✓	Using 6ton- load reading 6.8t, warning 19.5m and cut-out at 20m As per tape and chart. Satisfactory.
9	Brake Test	✓	Holding satisfactory during load testing.

CONDITION

10	Cab (Controls, emergency Stop, Horn)	✓	ESD and horn in good working order with well labelled controls.
11	Outriggers	✓	4 x outriggers. In good condition with no concerns noted. Satisfactory.
12	Front Stabiliser Leg	N/A	
13	Wheels / Tyres / Tracks	✓	8 x tyres. No concerns noted. Satisfactory condition.
14	Chassis & Super Structure	✓	Tidy with no rust or concerns noted. Satisfactory.
15	Hydraulic Rams & Hoses	✓	No leaks or damage noted. Satisfactory condition.
16	Slew Ring bearing & Bolts	✓	Secure and satisfactory condition.
17	Counterweight & Signage	✓	Management system tested and operating satisfactory.
18	Brakes & Clutches (Wear Indicators)	✓	Satisfactory.
19	Pawl Brake	✓	Park, slew brakes tested and operating satisfactory.
20	Ropes (Terminations, Length)	✓	18mmØ Main and Auxiliary in good serviceable condition.
21	Sheaves	C	Minor wear noted, not concerning. Serviceable condition.
22	King Post & Luffing Gear	✓	Tidy condition with no concerns noted. Satisfactory.
23	Boom / Jib (Wear Pads & Extension Ropes)	✓	5 x extensions. With no uneven or excessive pad wear. Satisfactory.
24	Fly Jib & Attachments	✓	Stored on boom, in good condition.
25	Hooks & Blocks	✓	Main - 50ton and Aux 6.3t SWL Hook. Both in satisfactory condition.
26	Other	C	External visual load warning lights not operating.

LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Additional Comments / Photos: year mfg. 2008. s/no. 81950



This item has been inspected in accordance with the relevant codes & standards and is being / ~~not being~~ recommended for certification.

Expiry Date: 30/04/2026

Equipment Inspector: Alan Winch	Reviewed By: Mark Bright
A.Winch – Authorised Signatory	M.Bright



Mobile Crane Inspection Report



Actions		Priority
Item 7: Manual inclinometer faded on boom – Recommend remarking / monitoring		R
Item 21: Minor sheave wear noted – Recommend monitoring / maintaining		R
Item 26: External visual load lights not working since vehicle was repainted – To be hooked up and working for next inspection		M
Priority: M	Mandatory by certificate expiry	R Recommendation

Crane Certificate of Inspection

<p>Client: Agtrans Limited</p> <p>Controller: Phill / CJ</p> <p>Controller's Address: 24 Fitzgerald Lane, Hawera Taranaki</p> <p>Equipment ID: Terex Crane - Rego: JKJ86</p> <p>Equipment Desc: Terex Demag AC80-2</p> <p>Purpose: Customer lifting requirements</p> <p>Location: New Zealand Wide</p>	<p>Job Number: J20785-SI02</p> <p>Date of Inspection: 10/04/2025</p> <p>Official Number: 81/1412</p> <p>Safe Working Load: 80 Tonnes (Max)</p> <p>Manufacturer: Terex Demag - 2008</p> <p>Crane Type: Mobile</p> <p>Serial Number: 81950</p> <p>Date of Expiry: 30/04/2026</p>
<p><i>This equipment was found to be in a satisfactory and safe condition at the time of inspection and will remain safe for the period of the certificate if operated and maintained properly.</i></p>	
<p>Equipment Inspector: Alan Winch Authorised Signatory: A. Winch</p>	
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