

Mobile Crane Inspection Report



Job & Report Number:	J23749-SI04	Inspection Date:	4/05/2026
Client / Equipment Holder:	Agtrans Limited	Contact Person:	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	✓	Clearly marked SWL, and O/N on crane cab door. Satisfactory
2	Maintenance Records	✓	Verbal update at time of inspection. Satisfactory.
3	Rating Sheet (English, with Crane Number)	✓	Hard copy of load chart in cab, loadmaster computer.

OPERATIONAL

4	SLI Alarms (Visual, Audible, Cut-out)	C	Visual load sensor not working, Alarms, cutouts. Satisfactory.
5	Anti – Two Block, Main & Fly Jib	✓	Main, auxiliary cutouts operating satisfactory.
6	Radius Indicator	✓	Accurate reading 18.9m
7	Boom Angle Indicator	C	Inclinometer faded, Limiter set to 82.1°.
8	Load test (Load, Boom Length, Radius)	✓	Using 4000kg, warning 18.2m and cut-out at 18.8m As per tape and chart. Satisfactory.
9	Brake Test	✓	During load testing holding satisfactory.

CONDITION

10	Cab (Controls, emergency Stop, Horn)	✓	Controls and ESD including horn in good working order.
11	Outriggers	C	4 x outriggers. RHS front jack has squashed tubing.
12	Front Stabiliser Leg	N/A	
13	Wheels / Tyres / Tracks	✓	8 x tyres in good condition. Satisfactory.
14	Chassis & Super Structure	✓	No rust or concerns noted. Satisfactory.
15	Hydraulic Rams & Hoses	✓	Satisfactory condition.
16	Slew Ring bearing & Bolts	✓	Good condition and secured.
17	Counterweight & Signage	✓	Management system checked and fully operational.
18	Brakes & Clutches (Wear Indicators)	✓	Satisfactory.
19	Pawl Brake	✓	Park, slew brakes operating satisfactory.
20	Ropes (Terminations, Length)	✓	18mmØ Main and Auxiliary, good length and condition.
21	Sheaves	C	Minor wear noted. Serviceable condition.
22	King Post & Luffing Gear	✓	No concerns noted, in good condition. Satisfactory.
23	Boom / Jib (Wear Pads & Extension Ropes)	C	5 x extensions. Recent maintenance with missing bolts replaced at inspection. Satisfactory condition.
24	Fly Jib & Attachments	✓	Stored on boom with no concerns noted. Satisfactory.
25	Hooks & Blocks	✓	Main - 50ton and Aux 6.3t SWL. 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: 31/05/2027

Equipment Inspector: Alan Winch	Reviewed By: Mark Bright
Alan Winch – Authorised Signatory	M.Bright
	ISSUE DATE: 5/05/2026

Mobile Crane Inspection Report



Actions		Priority
Item 7: Manual inclinometer faded on boom – Recommend remarking or replacing		R
Item 11: Squashed tubing to be replaced before next inspection		M
Item 21: Minor sheave wear noted – Recommend monitoring / maintaining		R
Item 23: Collar bolts missing after maintenance, replaced at time of inspection		N/A
Item 4, 26: External visual load lights not working since vehicle was repainted. – To be repaired by next annual inspection		M
Priority:	M Mandatory by certificate expiry	R Recommendation

Crane Certificate of Inspection			
Client:	Agtrans Limited	Job Number:	J23749-SI04
Controller:	Phill / CJ	Date of Inspection:	4/05/2026
Controller's Address:	24 Fitzgerald Lane, Hawera Taranaki	Official Number:	81/1412
Equipment ID:	Terex Crane - Rego: JKJ86	Safe Working Load:	80 Tonnes (Max)
Equipment Desc:	Terex Demag AC80-2	Manufacturer:	Terex Demag - 2008
Purpose:	Customer lifting requirements	Crane Type:	Mobile
Location:	New Zealand Wide	Serial Number:	81950
		Date of Expiry:	31/05/2027
<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>			
Equipment Inspector:	Alan Winch	Authorised Signatory:	Alan Winch
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