

Mobile Crane Inspection Report



Job & Report Number:	J15043-SI01	Inspection Date:	3/01/2024
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	✓	Newly repainted, yet to be marked.
2	Maintenance Records	✓	Maintained by Agtrans. Recent refurbishment and repaint.
3	Rating Sheet (English, with Crane Number)	✓	Load chart in cab and loadmaster computer.

OPERATIONAL

1	SLI Alarms (Visual, Audible, Cut-out)	C	Visual, audio in cab & cut-out tested. Load lights not hooked up yet.
2	Anti – Two Block, Main & Fly Jib	✓	Alarm and cut-out on main hook (Main rigged only) Satisfactory.
3	Radius Indicator	✓	At load test on safe side of radius reading 12.5m
4	Boom Angle Indicator	✓	Inclinometer on boom and in computer reading 55° at load testing
5	Load test (Load, Boom Length, Radius)	✓	Tested -11.2ton, warning 11.5m and cut-out at 12.1m As per tape and chart.
6	Brake Test	✓	During load test, no creep noted.

CONDITION

1	Cab (Controls, emergency Stop, Horn)	✓	All cab controls, E stops and horn in good working order.
2	Outriggers	✓	4 x outriggers. Satisfactory condition.
3	Front Stabiliser Leg	N/A	
4	Wheels / Tyres / Tracks	✓	8 x tyres. Satisfactory condition.
5	Chassis & Super Structure	✓	Good tidy condition, recently repainted.
6	Hydraulic Rams & Hoses	✓	Satisfactory condition.
7	Slew Ring bearing & Bolts	✓	Secured and satisfactory condition.
8	Counterweight & Signage	✓	Management system secure. Satisfactory condition.
9	Brakes & Clutches (Wear Indicators)	✓	Satisfactory.
10	Pawl Brake	✓	Park, slew brakes operating satisfactory.
11	Ropes (Terminations, Length)	C	Main rigged only. Minor kinks noted, not concerning.
12	Sheaves	✓	Minor wear noted. Serviceable condition.
13	King Post & Luffing Gear	✓	Satisfactory, and over luffing alarm and cut-out set at 82°
14	Boom / Jib (Wear Pads & Extension Ropes)	✓	5 x extensions. Satisfactory condition.
15	Fly Jib & Attachments	C	Stored in yard and not seen at time of inspection.
16	Hooks & Blocks	✓	Main - 50ton SWL Hook. Y=180mm Satisfactory condition.
17	Other	C	External visual load warning lights not hooked up yet after painting.

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: 3/01/2025

Equipment Inspector: Alan Winch	Reviewed By: Craig Darling
A.Winch – Authorised Signatory	



Mobile Crane Inspection Report



Crane Certificate of Inspection



Client:	Agtrans Limited	Job Number:	J15043-SI01
Controller:	Phill / CJ	Date of Inspection:	3/01/2024
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:	3/01/2025

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.

Equipment Inspector:	A.Winch	Authorised Signatory:	A.Winch	 No. 128
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