

Mobile Crane Inspection Report



Job & Report Number:	J11393-SI01	Inspection Date:	10/05/2022
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
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.
2	Maintenance Records	✓	Agtrans maintenance team. Hours at inspection 6747
3	Rating Sheet (English, with Crane Number)	✓	Load chart in cab and loadmaster computer.

OPERATIONAL

1	SLI Alarms (Visual, Audible, Cut-out)	✓	Tested and Visual and audio in cab & cut-out tested satisfactory.
2	Anti – Two Block, Main & Fly Jib	✓	Tested alarm and cut-out on main hook (Main rigged only)
3	Radius Indicator	✓	At load test satisfactory accuracy, reading 20.1m
4	Boom Angle Indicator	✓	Loadmaster computer and mechanical on boom. Satisfactory.
5	Load test (Load, Boom Length, Radius)	✓	Tested using 4.3ton, warning at 20.1m and cut-out at 20.5m corresponding to load chart.
6	Brake Test	✓	No creep noted at load test.

CONDITION

1	Cab (Controls, emergency Stop, Horn)	✓	E-stop and controls in satisfactory working order.
2	Outriggers	✓	4 x outriggers all in good order. Reflective fitted.
3	Front Stabiliser Leg	N/A	
4	Wheels / Tyres / Tracks	✓	8 x tyres.in good condition.
5	Chassis & Super Structure	C	Minor surface rust, mostly tidy condition.
6	Hydraulic Rams & Hoses	✓	Good tidy order. Satisfactory.
7	Slew Ring bearing & Bolts	✓	Secure and satisfactory condition.
8	Counterweight & Signage	✓	Safety warning signs posted clearly and secure. Satisfactory
9	Brakes & Clutches (Wear Indicators)	✓	Satisfactory.
10	Pawl Brake	✓	Park and slew brakes, satisfactory.
11	Ropes (Terminations, Length)	✓	Main, good condition. No concerns.
12	Sheaves	✓	No excessive wear or damage noted. Satisfactory
13	King Post & Luffing Gear	✓	Tidy condition. Satisfactory.
14	Boom / Jib (Wear Pads & Extension Ropes)	✓	5 x extension, No concerns at inspection. Satisfactory.
15	Fly Jib & Attachments	C	Stored on boom with minor surface rust forming.
16	Hooks & Blocks	✓	50ton SWL Hook and block rigged. Satisfactory condition
17	Other	C	Visual load warning lights on front of cab 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~~ **is not being** recommended for certification.

Expiry Date: 10/05/2023

Equipment Inspector: Alan Winch	Reviewed By:
P. Hudson - IANZ SIGNATORY	

Mobile Crane Inspection Report



Mobile Crane Certificate of Inspection



Client: Agrtrans Limited.

Address: 24 Fitzgerald Lane, Hawera.

Controller: Phill /CJ

Client ID: Terex Crane

Type / Description: Mobile Crane / Terex Demag AC80-2

Vehicle Type / Rego: Terex Demag / JKJ 86

Crane Year Serial no: 2008 / 81950.

Job Number: J11393-SI01

Date of Inspection: 10/05/2022

Official Number: 81/1412

Capacity: 80 Tonnes

Manufacturer: Terex Demag

Location: New Zealand Wide.

Date of Expiry: 10/05/2023

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 / P. Hudson - IANZ Signatory



Sentinel Inspection Services Ltd.

All enquires phone (06) 281 1302

www.sentineltd.co.nz