

Mobile Crane Inspection Report



Job & Report Number:	J5976-SI01	Inspection Date:	29/04/2019
Client / Equipment Holder:	Agtrans Limited	Contact Person:	Phill / 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:	6.3 ton, 50 ton & 80 ton
Vehicle Type:	2008 Terex Demag	Registration:	JKT 86

GENERAL

Number	Check	Assessment	Comments
1	SWL & ID Clearly Visible	✓	Clearly marked.
2	Maintenance Records	✓	Satisfactory order.
3	Rating Sheet (English, with Crane Number)	✓	Incorporated in loadmaster & also stored in cab. Satisfactory.

OPERATIONAL

1	SLI Alarms (Visual, Audible, Cut-out)	✓	Visual & audio & cut-out tested satisfactorily.
2	Anti – Two Block, Main & Fly Jib	✓	Alarm and cut-out tested satisfactorily for both sets.
3	Radius Indicator	✓	Satisfactory working.
4	Boom Angle Indicator	✓	Mechanical plus incorporated in loadmaster. Satisfactory.
5	Load test (Load, Boom Length, Radius)	✓	Tested using 12.2ton load, warning at 12.0m and cut-out at 12.4m radius, corresponding to load chart and tape measure.
6	Brake Test	✓	No creep evident.

CONDITION

1	Cab (Controls, emergency Stop, Horn)	✓	All in good order.
2	Outriggers	✓	4 x outriggers, all in good order.
3	Front Stabiliser Leg	n/a	
4	Wheels / Tyres / Tracks	✓	8 x tyres. Satisfactory.
5	Chassis & Super Structure	✓	Neat & tidy.
6	Hydraulic Rams & Hoses	✓	Good order.
7	Slew Ring bearing & Bolts	✓	Random hammer test of bolts carried out. No anomalies noted.
8	Counterweight & Signage	✓	Clearly posted.
9	Brakes & Clutches (Wear Indicators)	✓	Satisfactory.
10	Pawl Brake	✓	Park and slew brakes, satisfactory.
11	Ropes (Terminations, Length)	✓	No kink or broken strand evident on both main & auxiliary ropes.
12	Sheaves	✓	No abnormal wear evident.
13	King Post & Luffing Gear	✓	No anomalies noted.
14	Boom / Jib (Wear Pads & Extension Ropes)	✓	5 x extension, all satisfactory.
15	Fly Jib & Attachments	c	<i>Not rigged. Stored in yard at time of inspection.</i>
16	Hooks & Blocks	✓	6.3ton and 50ton SWL blocks rigged. 80ton block, stored in yard.
17	Other	✓	year mfg. 2008. s/no. 81950.

LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Additional Comments / Photos:



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

Expiry Date: 29/04/2020

Equipment Inspector:	Reviewed By:
B.Mohan - 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: J5976-SI01

Date of Inspection: 29/04/2019

Official Number: 81/1412

Capacity: 80 Tonnes

Manufacturer: Terex Demag

Location: New Zealand Wide.

Date of Expiry: 29/04/2020

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: IANZ Signatory - B.Mohan.



Sentinel Inspection Services Ltd.

All enquires phone (06) 281 1302

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