

# LibMAS 09.50

# Annex C

Second Edition: January 2017

# MECHANICAL ON-SITE ASSESSMENT FOR ACCREDITATION ACCEPTANCE TEST FORM

**Responsible National entity:**

Libyan Mine Action Centre (LibMAC)  
mandated by the Ministry of Defence (MOD)  
Contact: LibMAC Deputy Director  
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**NOTE:**

This document is current at the date shown on this page. The Libyan Mine Action Standards (LibMAS) are subject to regular revision, so users should ensure that they are using the latest version of each document in the standards. The most recent versions of LibMAS are the versions that are posted on the LibMAS pages of the LibMAC website [www.lmac.gov.ly](http://www.lmac.gov.ly)

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5	Contouring system		Description	Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
6	Speed control system		Description	Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
7	Maximum & minimum operating temperature			Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
8	Maximum & minimum operating range from remote control unit	metres	Mode of operating when out of range or in case of communication failure	Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
9	Maximum ascending slope while operating	degrees		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
10	Maximum descending slope while operating	degrees		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
11	Maximum traversing slope while operating	degrees		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
12	Height	metres		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
13	Weight	tonnes		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
14	Daily servicing schedule	hours	Machine working hours	Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
15	Transportability		Shortest distances - by itself km. Longer distances – transport requirements.	Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
16	Documentation requirements		Users manual. Service & repair	Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>

			documents. Wiring diagram. Spare part catalogue. Failure mode effects & criticality analysis (FMECA) if available. Consumption records. Service maintenance schedules.	
17	Protection Machine survivability Crew survivability (where applicable)		Description of armour with supporting Documents. Description of crew escape routes and fire suppression.	Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
18	Reliability. The machine shall operated under load for minimum of 48 hours over a 6 consecutive days.	time/depth/m <sup>2</sup>	Records of: Fuel consumption oils and coolant temperatures taken hourly. Spare parts used. Consumables. Failures. Maintenance. Soil and vegetation conditions reported.	Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
<b>VEHICLE DATA</b>				
19	Turning circle	metres	Minimum turning radius.	Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
20	Length	metres		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
21	Width	metres		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>

22	Maximum fording depth	metres		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
23	Gap crossing capability	metres	Width of a ditch which a machine can traverse.	Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
24	Axle weights	tonnes		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
25	Wheel spacing	metres		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
26	Wheel/track footprint	mm x mm		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
27	Ground bearing pressure	kPa		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
28	Power requirement to drive the vehicle (if available)	kW	On flat ground without the tool in operation.	Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
29	Engine power at the flywheel	kw		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
30	Fuel consumption under normal operation	litres/hour		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
31	Fuel tank capacity	litres		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
<b>TOOL DATA</b>				
32	Demining width	metres		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
33	Maximum angle of depression	degrees		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
34	Maximum angle of elevation	degrees		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
35	Tool width	metres		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>

36	Beat pattern	hits per m <sup>2</sup>		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
37	Power at the working tool	kW		Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>
38	Tool operating speed		Where applicable	Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>

**ADDITIONAL INFORMATION (E.g. specifications, proposed deployment)**

*Insert Diagram or Photo if required*

**Checked by:** Organisation

Name

Position

**Date:**