

SAMPLE CHECKLIST FOR MOBILE / CRAWLER CRANE

This checklist provides the basic requirements for safe operations of a mobile crane. Mobile crane users should consult manufacturers, suppliers and owners on operations and safety requirements and address any concerns before using the equipment. This checklist is non-exhaustive and users are recommended to make the necessary customisation to suit your work processes and conditions at the workplace.

S/N	Items		Remarks
A. Mobile Crane Approved For Use			
1	The mobile/ crawler crane age is within limits set by MOM.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
2	The mobile/ crawler crane has a valid Lifting Machine (LM) certificate (issued less than 12 months ago).	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B. General Requirements			
3	The mobile/ crawler crane is provided with markings of the Safe Working Load, and LM number.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
4	Proper and safe access and egress (with proper foot and hand holds/ supports) are provided to the crane operator.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
5	A load capacity chart is displayed in the operator cabin.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
6	Operator crane cabin is provided with a locking mechanism so as to prevent unauthorised entry.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
7	An approved fire extinguisher is provided in the operator cabin.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
8	An Operation and Maintenance log book is available in the operator cabin.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
9	A Manufacturer Operating Manual and Maintenance Manual are made available.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
10	Crane hook is provided with a safety catch to prevent displacement of the sling or load from the hook.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
11	Main and auxiliary wire ropes are well lubricated and that there are no visible defects such as broken wires, kinks, excess wear, crushing etc.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
C. Safety and Operational Devices			
12	A load radius indicator with warning alarm is installed.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
13	An effective hoist and derricking braking mechanism are maintained.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
14	A swing lock or swing brake capable of preventing unintended rotation is functional.	<input type="checkbox"/> Yes <input type="checkbox"/> No	

15	Limit switch to prevent over-hoisting of the hook (i.e. anti-two block device) is functional.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
16	Limit switch to prevent over-derricking of boom (for crawler crane) is functional.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
17	Load Moment Limiter to prevent over-turning moment is functional.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
D. Maintenance			
18	Mobile Crane has a regular maintenance programme that is in accordance with manufacturer's specifications.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
19	Maintenance work on the Mobile Crane is carried out by Competent Persons.	<input type="checkbox"/> Yes <input type="checkbox"/> No	

Inspected by: Crane Operator	Supervised by: Lifting Supervisor
Signature / Date	Signature / Date