


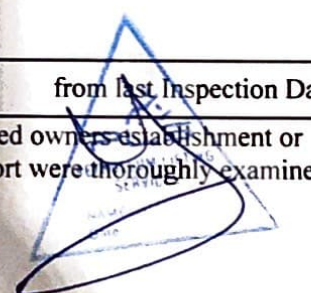


**CERTIFICATE OF TEST AND THOROUGH EXAMINATION FOR MOBILE CRANE Member**

CERT.NO : WQNEEL-0822-119/1		LOCATION : 6 TH OF OCTOBER					
1. Name and Address of Owner of Crane		NESSOR ELWADY CO,					
2. Name and origin of Manufacturer of Crane		LIEBHERR					
3. Type of Crane and Nature of Power (e.g. Scotch Derrick , Manual, Electric, Tower, Rail Mounted etc.)		LIEBHERR DIESEL HYDRAULIC OPERATED POWER TELESCOPIC MOBILE BOOM CRANE 100 TON CAPACITY , BOOM LENGTH : 52 M , MODEL NO : LTM 1100-5.1 .					
4. Date Crane was First put into Use		2006					
5. Identification Number	(a) Maker Serial Number	CHASSIS NUM : W095750006EL05562					
	(b) Owner distinguishing mark or number (if any)	SERIAL NUM : 065561					
6. Make and type of Automatic Safe Load indicator, required		LINCON					
7. Make and type of Derricking Interlock, if required		HYDRAULIC VALVE					
8. Date of last Previous Test of Crane		13-02-2022 BY PETROLIFT CERT NO : 370815					
9. Date of last Previous Thorough Examination of Crane		13-02-2022 BY PETROLIFT CERT NO : 370815					
10. Date of Next Thorough Examination		08-02-2023					
11. <b>Safe Working Load or Loads</b> In the case of a crane with a variable operating radius (including a crane with a derricking jib or with inter-changeable jibs of different lengths ) the load at various radii of the jib trolley or crab must be given in column (ii). Test loads at various radii should be given in column (iii) and in the case of a safe working load which has been calculated without the application of a test		(i) Length (m)	(ii) Radius (m)	(iii) Test Load (t)	(iv) Safe working load (t)	(V) Counter Weight (t)	(vi) N
		45	30	5.1	5.1	35	3
12. In the case of a crane with a derricking jib or jib the maximum radius at which the jib or jib may be worked in meters		N/A					
13. Defects or deficiencies noted and alterations or repairs required before putting the crane into service (if none enter (NONE)		NONE					

In Accordance with BS 7121-2-3/2012 ASME B30.5 validity of this certificate is **6 Months** from last Inspection Date

**THIS IS TO CERTIFY THAT** the undersigned a competent inspector did attend the above mentioned owners establishment or his designated site on **AUGS 09 2022** (Date) and the items described in this report were thoroughly examined as far as possible and the above particular were correct at the time of inspection.

Signature and Stamp of PETROLEUM LIFTING SERVICES Reviewing By	 <b>MAHMOUD MORSY</b>	Name of Person conducting Examination	 <b>AHMED SALAH</b>
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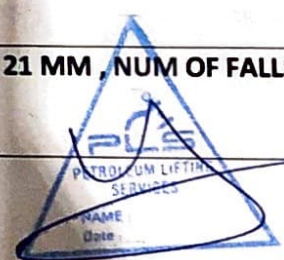




## MOBILE CRANE INSPECTION CHECKLIST

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.

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S/N	ITEMS	Yes	REMARKS
<b>A. General Requirements</b>			
1	Mobile Crane is provided with markings of the safe working load and Lifting Machine number .	Yes	
2	Safe access and egress are provided to the crane operator .	Yes	
3	A load capacity chart is displayed in the operator cabin .	Yes	
4	Operator crane cabin is provided with a locking mechanism so as to prevent unauthorized entry .	Yes	
5	Fire extinguisher is fit for use and provided in the operator cabin .	Yes	
6	An updated Operation and maintenance log book is available in the operator cabin .	Yes	
7	Manufacturer Operating Manual and maintenance Manual are made available .	Yes	
<b>B. Other Visual Checks</b>			
8	Load charts and other symbols are available and visible .	Yes	
9	Hydraulic fluid level is sufficient .	Yes	
10	Slewing oil level is sufficient .	Yes	
11	All mounting bolts are in good condition .	Yes	
12	Hydraulic system is free of leaks .	Yes	
13	Boom sections are free of cracks or dents .	Yes	
14	Main and auxiliary wire ropes are well lubricated and that there are no visible defects such as broken wires, kinks, excess wear , crushing etc .	Yes	Wire Dia 21 MM , NUM OF FALLS : 3







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15	Winches , pulleys and wire ropes are in good working condition	Yes	
16	Crane hook is provided with a safety latch to prevent displacement of the sling or load from the hook	Yes	HOOK NO.910445608E,SWL: 63 TON 3 SHEAVES HOOK NO.910439508E , SWL : 30 TON 1 SHEAVES AUX HOOK NO.914231008E , SWL : 10 TON
17	OUTRIGGERS: check for ability to retract and extend , ability to bear loads and for any structural damage .	Yes	
18	HOISTING DRUMS :check for proper functioning , correct spooling Of cable on drum and ensure at least two full wraps on drum when hook is in extreme low position .	Yes	

### C. Safety and Operational Devices

19	A load radius indicator with warning alarm is installed .	Yes	
20	An effective hoist and derricking braking mechanism are maintained .	Yes	
21	A swing lock or swing brake capable of preventing unintended rotation is functional .	Yes	
22	Limit switch to prevent over-hoisting of the hook (i.e. anti-two block device )is functional .	Yes	
23	Limit switch to prevent over-derricking of boom is functional	Yes	
24	Load Moment Limiter to prevent over-turning moment is functional	Yes	

