



CERTIFICATE OF THOROUGH EXAMINATION FOR LIFTING EQUIPMENT AND NDE LIFTING EQUIPMENT

This report complies with the Lifting Equipment Engineers Association Technical requirements

Date of Thorough Examination:		17-Oct-2024		Report number:		K.KETCO-LIFMC-24-001	
Name and Address of employer for whom the thorough examination was made: SICIM, BASRA, IRAQ				Address of premises at which the examination was made: SICIM WQ2			
Identification of the equipment:	QTY	Description		Safe Working Load(s):	Date of next examination:		
TEX507750	1	FULLY HYDRAULIC TRUCK CRANE Diesel Powered Hydraulically Operated, Telescopic Boom, Truck Mounted Crane. manufacture:TEREX Year Of Manufacture:2014 SICIM No.:GF040 Crane Model: A600-1 Chassis No. TEX507750 REG.No.:2032 Basra Max Boom Length : 32.4 MTR Main Hoist : NUN SPIN,18 MM Main Hoist Capacity: 60 TON Main Hoist S/N: 2014.S30 EXAMINED TO ACCORDING TO BS7121-2		60 TON @3.0M Minimum radius @10.30 M Minimum Boom Length @ Full Parts With (4) Outriggers Fully Extended	16-Oct-25		
Tools Test Details	Test Date: 12-10-2024	Test Certificate No: PTR-LC-02				Test By: ARD ALWAHRAN	
Tools Details	Load Cell S/N:25999	Measuring Tape S/N :21300378				Vernier Calliper S/N: 21126282	
SWL Test Details							
Tests Points		Radius	Boom Length		SWL		
Using Main Block (8 Parts of Lines)		17.00 M	25.00 M		5100 KG		
Using Main Block (8 Parts of Lines)		18.00 M	25.00 M		4500 KG		
NDT DETAILS							
Standard:BS EN ISO 9934-1		Equipment type:Yoke S/N: 8448				Contrast Media: WHITE	
Procedure:KKETCO-Q-WI-01		Method: WET				Indicator: MAG. INK	
Result	MPI was carried out on critical stress area for main and auxiliary hook and were found free from surface defects at time of inspection and the installed wire rope of the main hook has been thoroughly examined and found free from defects						
Was the examination carried out:							
Is this the first examination after installation or assembly at a new site or location?	YES		NO	✓	Within an interval of 6 months?	YES	NO ✓
					Within an interval of 12 months?	YES ✓	NO
If the answer to the above question is YES has the equipment been installed correctly?	YES		NO		In accordance with an examination scheme?	YES ✓	NO
					After the occurrence of exceptional circumstances?	YES	NO ✓
Identification of any part found to have a defect which is or could become a danger to persons and a description of the defect: None							
Is the above a defect which is not yet but could become a danger to persons: None (If YES state the date by when)						YES by:	
Particulars of any repair, renewal or alteration required to remedy the defect identified above: None							
Particulars of any tests carried out as part of the examination: (Visual, Function)							
IS THIS EQUIPMENT SAFE TO OPERATE?							
Name & Qualifications of person making this report:	Name of person making this report:				Name of person authenticating this report:		
	Signature:				Signature:		
Name and address of employer of persons making and authenticating this report: Khalirat Khaleej Engineering Testing Co. Ltd: technical@khalaleej.com							





Mobile Crane Thorough Examination Checklist

Annex to Report number: K.KETCO-LIFMC-24-001

Date of inspection: 17-Oct-2024

	DESCRIPTION	CONDITION OR REMARKS
0	GENERAL DESCRIPTION OF THE EQUIPMENT	CONDITION OR REMARKS
0.0	Description	FULLY HYDRAULIC TRUCK CRANE Diesel Powered Hydraulically Operated, Telescopic Boom, Truck Mounted Crane. manufacture:TEREX S/N:TEX507750 Year Of Manufacture:2014 SICIM No.:GF040 Crane Model: A600-1 Chassis No. TEX507750 REG.No.:2032 Basra
1	OPERATOR CAB	
1.1	Manufacturer's operation manual	OK
1.2	Load chart / operator competency certificate	OK
1.3	Controls / marking / air condition	OK
1.4	Window/ wipers / chair / door lock and seals	OK
2	FUNCTION TEST OF BOOM	
2.1	Raise / lower / extend / retract / angle indicator	OK
3	FUNCTION TEST OF MAIN / WHIP LINE HOIST	
3.1	Raise / lower / limit switch	OK
4	FUNCTION TEST OF LOAD INDICATOR	
4.1	Load indicator / radius indication	OK
4.2	Angle / audible warning	OK
5	CHASSIS	
5.1	Structural members / welding / security of fastening	OK
5.2	Electrical Wiring / pipe work body work	OK
5.3	Level indicator / main block traveling connection point / lights	OK
6	WHEELS	
6.1	Tyre walls / wheel nut security	OK
6.2	Tyre pressure / bearings	OK
7	OUTRIGGERS	
7.1	Locking mechanism / retraction / travel alarm	OK
7.2	Foot pads / hydraulic hoses and fitting / seals	OK
8	SLEWRING	
8.1	Lubrication / gear teeth on slew ring and pinion	OK
8.2	Brake / bolts / rocking motion	OK
9	COUNTERWEIGHTS	

شركة خيرات الخليج للفحوصات الهندسية ذ.م.م
 Khairat Al-Khaleej Engineering Testing Co. Ltd.



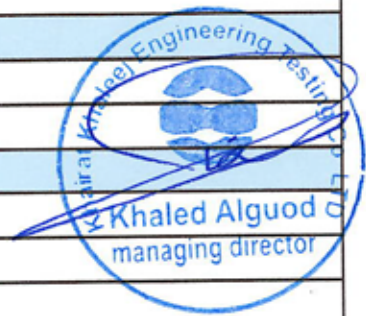


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Date of inspection: 17-Oct-2024

9.1	Security / connection hydraulics	OK
9.2	Hoses / fittings	OK
10	SAFETY DEVICE	
10.1	Limit stops relating to lifting motions	OK
10.2	load limiter	OK
10.3	Level indicator or Spirit Level	OK
11	BOOM	
11.1	Head section / root section / intermediate	OK
11.2	Sheaves / pins / structures	OK
11.3	Jib , boom , boom extension, turret	OK
12	WINCHES	
12.1	Drums / rope anchor / spooling	OK
12.2	Brakes / rope guards / clutches	OK
13	MAIN BLOCK / WHIP LINE	
13.1	Sheaves / Sheaves bearing / live end anchor	OK
13.2	Hook / Safety Catch / markings	OK
13.3	Main block capacity & serial number	60 Ton Capacity , S.N : 2014.S30
13.4	Whip line capacity & serial number	OK
14	WIRE ROPE	
14.1	Main hoist wire rope	18 MM, Nun Spin wire rope
14.2	Whip line wire rope	OK
14.3	Termination / wedge socket	OK
15	PRIME MOVER/ COMPARTMENT	
15.1	Engine / hydraulic pump / motor / radiator	OK
15.2	Body work / windows	OK
16	GENERAL	
16.1	Paint work / fire extinguisher / life jacket	OK
16.2	Lighting / ladders / stairs	OK



Comment : Satisfactory



شركة كيرات الخليل للمحركات الهندسية ذ.م.م
 Khairat Khalifeh Engineering Testing Co. Ltd.





K.KETCO
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Surveyor's : Ahmed Magdy Mohamed

Signature :

(Handwritten signature and stamp)
 شركة خيرات الخواص الهندسية ذ.م.م
 Khairat Al Khawass Engineering Testing Co. Ltd.

(Handwritten signature and stamp)
 Khairat Khawass Engineering Testing Co. Ltd.
 Khairat Al Khawass
 Managing director

