



INSPECTION REPORT OF TRUCK MOUNTED CRANE – IQCERT505MLS01

IQCERT / Report / Mahuya Logistics Services/ IQCERT35T3			
Owner : Mahuya Logistics Services		Location: 1407, Saraipara,Port Connecting Road, Pahartali, Chattogram	
Date of Insp.: 18 MARCH, 2023			
Reff: Mr. Mojaffor Haider		Designation: Manager-Operation	
Date of Exp.:17 MARCH, 2024			
Status/Stu: S= Satisfactory ID= Deficiency N/A= Not Applicable Inspection Classification: ASME B30 & OSHA			
Equipment Type	Truck Mounted Crane	Capacity	35TON
BRAND NAME	P & H	Chassis No /PIN	NA
Reg Status	NA	Registration No	NA
Model	P & H 435TC	Serial Number	MLS-003
Manufacture Date	UNKNOWN	Rated Power	NA

REFERENCE	#	ITEM	S	ID	NA	Comments
HISTORICAL DATA						
O - 1926.1412(e)(3)	1	Monthly Inspection Records	☐	☐	☒	
A - B30.5-2.3.1(a)	2	Maintenance Records	☐	☐	☒	
O - 1926.1434(a)	3	Modification Records	☐	☐	☒	
A - B30.5-2.2.2(a)(2)	4	Initial & post-repair Load Test Records	☒	☐	☐	
GENERAL						
O - 1926.1433(d)(8)	5	Guards / Covers	☒	☐	☐	
O - 1926.601(b)(i)&(ii)	6	External Lights	☒	☐	☐	
O - 1926.1433(d)(5)	7	Warning Decals	☒	☐	☐	
A - B30.5-3.4.7	8	Housekeeping	☒	☐	☐	
O - 1926.1422	9	Hand Signal Chart	☒	☐	☐	
A - B30.5.2.2.1(a)	10	No-Load Operational Test	☒	☐	☐	
OPERATOR / DRIVER'S CAB						
A- B30.5-1.8.3(b)	11	Access - Grab Rails / Steps	☒	☐	☐	
A - B30.5-3.4.9(a)	12	Fire Extinguisher	☒	☐	☐	
A - B30.5-2.1.3(m)	13	PTO (Power Take Off)	☒	☐	☐	
O - 1926.601(b)(1)	14	Parking Brake	☒	☐	☐	
A - B30.5-2-1.2(a)(4)	15	Air / Hydraulic Lines	☒	☐	☐	
A - B30.5-2.1.3(a)(6)	16	Instruments / Gauges	☒	☐	☐	
A - B30.5-2.1.2(3) & (7)	17	Electrical Switches / Functions	☒	☐	☐	
O - 1926.601(b)(3)	18	Horn	☒	☐	☐	
A - B30.5-2.1.3(a)(10)	19	Steering	☒	☐	☐	
A - B30.5-1.6.4	20	Clutch	☒	☐	☐	
O - 1926.601(b)(1)	21	Brake	☒	☐	☐	
O - PCSA#2 8.01	22	Operator's manual	☐	☒	☐	
POWER GENERATOR (TRUCK OR AUX)						
O - 1926.1412(f)(2)(vi)	23	Performance	☒	☐	☐	
O - 1926.1433(d)(9)	24	Exhaust System / Guards & Insulators	☒	☐	☐	
O - 1926.1433(d)(8)	25	Belts / Hoses	☒	☐	☐	
O - 1926.1433(d)(8)	26	Guards/Covers - Rot & Recip. Parts	☒	☐	☐	
CHASSIS/CARRIER						
O - 1926.601 (b)(14)	27	Transmission	☒	☐	☐	
O - 1926.601 (b)(14)	28	Driveline	☒	☐	☐	
O - 1926.1412(f)(2)(ix)	29	Tires/Wheels / Chain	☒	☐	☐	

Registered Address: Plot # 87, BNS Center,Sector # 07, Uttara, Dhaka – 1230, Bangladesh

Operation Office: Plot # 03 (3rd Floor), Road # 16, Sector # 11, Uttara Model Town, Dhaka-1230, Bangladesh.

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O - PCSA #2 8.3.3.5(3)	30	Tire Air pressure / Roller and Chain Mechanism	☒	☐	☐	
O - 1926.1412(f)(2)(i)(A)	31	Main Frame Members	☒	☐	☐	
O - 1926.1412(f)(2)(x)	32	Hydraulic hoses / Tubes / Fittings	☒	☐	☐	
O - 1926.1412(d)(1)(iv)	33	Hydraulic Fluid Level	☒	☐	☐	
O - 1926.1423(c)(3)(ii)	34	Anti-Skid Surface	☒	☐	☐	
O - 1926.601(b)(4)(l)	35	Backup Alarm	☒	☐	☐	
		OUTRIGGERS / CRAWLER				
O - 1926.1412(f)(2)(i)(A)	36	Beams / Pin	☒	☐	☐	
A - B30.5-1.9.3(a)	37	Outrigger Lock / Chain pad	☒	☐	☐	
O - 1926.1412(f)(2)(xiii)	38	Cylinders / Jack	☒	☐	☐	
O - 1926.1412(f)(2)(xiv)	39	Outrigger Sandpads / Crawler Pad	☐	☒	☐	Need to replace One damaged pad
O - 1926.1412(f)(2)(x)	40	Hydraulic Hoses / Tubes / Fittings	☐	☐	☒	
O - 1926.1412(f)(2)(xii)	41	Holding Valves (Vertical O.R. cylinders)	☒	☐	☐	
O - 1926.1433(d)(5)	42	Caution / Warning Decals	☒	☐	☐	
		OPERATOR CONTROLS				
O - 1926.1412(f)(2)(xxi)	43	Grab Rails / Steps / Platforms	☒	☐	☐	
O - 1926.1423(c)(3)(ii)	44	Anti-Skid Surface	☒	☐	☐	
O - 1926.1407(g)	45	Electrocution Warning Decal on Remote	☒	☐	☐	
A - B30.5-1.6.1(b)	46	Fully Operating Remote	☐	☐	☒	
A - B30.5-1.6.1(a)	47	Controls Identified	☒	☐	☐	
O - 1926.1412(d)(1)(l)	48	Controls - Forces / Movements / Proportional	☒	☐	☐	
O - PCSA#2 8.2.1.3	49	Hydraulic Leaks	☒	☐	☐	
O - 1926.1415(a)(7)	50	Horn - Warning Device	☒	☐	☐	
A - B30.5-1.6.3(a)	51	Remote Start/Stop	☐	☐	☒	
A - B30.5-1.6.3(b)	52	Speed Control on Remote	☐	☐	☒	
O - PCSA#2 8.1.4	53	Hydraulic Pressure	☒	☐	☐	
		LOAD CHART				
O - 1926.1433(d)(1)	54	Per Configuration (correct per crane model)	☒	☐	☐	
O - 1910.180(c)(2)	55	Durable	☒	☐	☐	
O - 1910.180(c)(2)	56	Legible	☒	☐	☐	
O - 1926.1417(c)(1)	57	Both Sides of Tower (Visible from Operator's Station)	☒	☐	☐	
O - 1910.180(c)(2)	58	Securely Attached	☐	☐	☒	
		SAFETY DEVICES/OPERATIONAL AIDE	☒	☐	☐	
O - 1926.1416(e)(1)	59	Boom Angle indicator (both sides)	☐	☐	☒	
O - 1926.1416(e)(1)	60	Jib Angel Limiter	☐	☐	☒	
O - 1926.1416(e)(1)	61	Jib / Luffing Adjustment	☐	☐	☒	
O - 1926.1416(e)(3)	62	Boom length Indicator	☒	☐	☐	
O - 1926.1416(e)(4)	63	Overload Protection System	☒	☐	☐	
O - 1926.1426(b)(4)	64	Counterbalance Valve	☒	☐	☐	
O - 1926.1415(a)(1)	65	Crane level Indicator	☒	☐	☐	
O - 1926.1416(d)(3)(l)	66	Anti-2-Block Device	☒	☐	☐	
		TOWER/WINCH				
O - 1926.1412(f)(2)(iii)	67	Rotate & Bearing	☒	☐	☐	
O - 1926.1412(f)(2)(i)(B)	68	Bolts installed & Torqued (top and bottom)	☒	☐	☐	
O - 1926.1412(f)(2)(x)	69	Hydraulic Hoses / Tubes / Fittings	☒	☐	☐	
O - 1926.1412(f)(2)(xvi)	68	Electric Wiring	☒	☐	☐	
A - B30.5-1.9.11(g)	69	Electrocution Warning Decal	☒	☐	☐	
			☒	☐	☐	
		WINCH				
A - B30.5-2.1.3(m)	70	Hydraulic Motors	☒	☐	☐	



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A - B30.5-1.3.2(2)©	71	Winch - Wrapping on Drum	☒	☐	☐	
O - 1926.1413(a)(4)(i)(B)	72	Winch - Minimum Rope Wraps - max ext	☒	☐	☐	
O - 1926.1433(d)(13)	73	Winch Brake	☒	☐	☐	
MAIN BOOM						
O - 1926.1412(f)(2)(xiii)	74	Lift cylinder	☒	☐	☐	
O - 1926.1412(f)(2)(xiii)	75	Extend Cylinder	☒	☐	☐	
O - 1926.1412(f)(2)(x)	76	Hydraulic Hoses / Tubes / Fittings	☒	☐	☐	
O - PCSA #2 4.07.1	77	Boom Section Alignment	☒	☐	☐	
O - 1926.1412(f)(2)(xv)	78	Wear pads	☒	☐	☐	
O - 1926.1412(f)(2)(ii)	79	Sheave(s)	☒	☐	☐	
O - 1926.1413(a)(2)(i)(D)	80	Wire Rope End	☒	☐	☐	
A - B30.5-1.7.4(b)	81	Wire Rope Retainer (Close Fitting Guards)	☒	☐	☐	
O - 1926.1412(f)(2)(iii)	82	Jib / Luffing / Tower & Lift Cylinder Pins	☐	☐	☒	
O - 1926.1412(f)(2)(l)	83	Sheave plate head section	☒	☐	☐	
O - 1926.1412(f)(2)(i)(A)	84	Structure	☒	☐	☐	
LOAD BLOCK & HOOK						
O - 1926.1433(d)(3)	85	Capacity marking	☒	☐	☐	
O - 1926.1433(d)(3)	86	Weight marking	☒	☐	☐	
O - 1926.1412(f)(2)(ii)	87	Sheave	☒	☐	☐	
A - B30.5-1.7.4(b)	88	Wire Rope Retainer (Close Fitting Guard)	☒	☐	☐	
O - 1926.1433(d)(4)	89	Safety Latching Mechanism	☒	☐	☐	
A - B30.10-1.10.5(f)	90	0° Hook Bend or Twist	☒	☐	☐	
A - B30.10-1.10.5(g)	91	5% Hook Opening or 1/4" Max	☒	☐	☐	
A - B30.10-1.10.5(e)	92	10% Hook Wear Max	☒	☐	☐	
O - 1926.1412(f)(2)(iii)	93	Hook Swivel/Bearing	☒	☐	☐	

O-B30.5-2.2.2	01 - LOAD TEST - MAIN BOOM:	
Boom and Jib Length	50 FEET Main Boom and No Jib	
Load Radius	40 FEET	
Rated Capacity	8 TON	

SHORT BRIEF(COMMENTS) OF INSPECTION ACTIVITY WITH LOAD TEST

Thorough visual examination and Function Test

Inspection result: Above mentioned equipment found satisfactory, We recommend for further use after replacing one damaged outrigger pad.



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Photographs during This Inspection



1. This is to certify that the equipment described in this certificate was inspected and tested in accordance to the aforementioned standard and regulations and at the time of inspection it was found free from serious defects and safe to use. We kindly advise to implement corrective action on the items mentioned in this report/certificates.
2. The Certificates validity cease in the event that any alternation, substantial repair and significant changes in design or construction of the equipment.
3. This certificate shall not be reproduced except in full without the approval of IQCert International Ltd & Client.
4. This certificate is **valid for 12 months** from the date of inspection.
5. All the information obtained/gathered during inspection shall be preserved as confidential.

Date of Inspection: 18 MARCH, 2023

Next Date of Inspection: 17 MARCH, 2024

Prepared By

Engr. Ahasan Ullah Hasan

Inspection Engineer
IQCert International Ltd

Inspection & Authorization

Engr. Kowshik Das

Inspection Consultant
IQCert International



Digital Signature



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