

CERTIFICATE OF THOROUGH EXAMINATION

This report complies with the Lifting Operation and Lifting Equipment Regulations

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Date of Through Examination: 22/07/2026	Date of Report: 22/07/2026	Report Number: RAS-Y-260730500
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<u>Description and identification of the equipment:</u> Mobile Crane, Diesel powered, Hydraulic Operated, Telescoping Boom	Manufacturer: SUNY Year of Manufacture: 2022 Model: SYM5436JQZ (STC500E5) Serial Number: TC2050CC1710 Chassis Number: LFCNNF5P7N3000441 Plate Number: A 98638 BASRA		
<u>Name and address of employer for whom the thorough examination was made:</u> TAREEQ AL-RUMAILA Company <u>Address of premises at which the examination was made:</u> RAYAT AL-SHARQ YARD	Main Hoist Wire Diameter: 16 (mm) Aux. Hoist Wire Diameter: N/A Main Hoist Capacity: 50(Ton) Main Hook Serial Number: HCZ21501850 (STC50023XD) Aux. Hoist Capacity: N/A Aux. Hook Serial Number: N/A	Boom Length (Max-Min) 11.7 – 45.5 (Meter) Crane Capacity: 50Ton Safe Working Load (SWL): 50 Ton with fully extended outriggers	

EXAMINED IN ACCORDING TO BS EN 7121-2-3

Description Details of Load Test @6 Falls	Boom Length(m)	Radius (m)	SWL (Ton)	Test Load (Ton)
Load test at 100 % SWL @6 Falls (Min radius)	11.7	3.0	14.5	NIL
Load test at 100 % SWL (Intermediate radius)	26.5	14.0	9.4	9.7
Load test at 100 % SWL (Max. radius)	39.2	20.0	5.2	5.1

Is this the first examination after installation or assembly at a new site or location?	YES		NO	✓	Was the examination carried out:				
					Within an interval of 6 months?	YES		NO	✓
If the answer to the above question is YES, has the equipment been installed correctly?	YES		NO		Within an interval of 12 months?	YES	✓	NO	
					In accordance with an examination scheme?	YES		NO	✓
					After the occurrence of exceptional circumstances?	YES		NO	✓
Particulars of any repair, renewal or alteration required to remedy the defect identified above: NONE									
Is the above a defect which is of immediate danger to persons						YES		NO	✓
Is the above a defect which is not yet but could become a danger to persons: (if YES state the date by when) NONE						Yes by:			
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									
Particulars of any test carried out as part of examination: The Equipment Has Been Function, Load & Proof Load Tested as Per BS 7121-2-1 & BS 7121-2-3:2012 And MPI has Been Done to the Main & Single Hook According to ASTME 709									
IS THIS EQUIPMENT SAFE TO OPERATE?					YES	✓	NO		
Name & Qualifications of person making this report: Mustafa Salman			Name of person authenticating this report: Signature: Ahmed Yahya			Latest date by which next thorough examination must be carried out: 21/07/2027			
Name and address of employer of person making and authenticating this report: Hussein Ali Hussein, Basra, Burjesia									



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GENERAL DESCRIPTION OF THE EQUIPMENT	Status			
	OK	NO	NA	Comments
1 – OPERATOR CAB				
Manufacturer's operation manual	✓			
Load chart & operator competency certificate	✓			
Controls / marking & air condition	✓			
Window / wipers / chair / door look & seals	✓			
Body work	✓			
2 – Boom				
Head section / root section / intermediate sections	✓			
Jib, boom, turret, boom extension	✓			
Joining pins or bolts	✓			
Foot pins & bushes	✓			
Sheaves, pins & structures	✓			
Chords	✓			
Lights	✓			
3 – SAFE LOAD INDICATOR				
Load indicator	✓			
Radius indicator	✓			
Angle	✓			
Audible warning	✓			
Visible warning	✓			
4 – CHASSIS				
Structural member / welding	✓			
Security of fastening	✓			
Electrical wiring / pipe work / body work	✓			
Level indicator / main block traveling connection point	✓			
Lights	✓			
5 – WHEELS				
Tier walls	✓			
Wheel nut security	✓			
Tier pressure	✓			
Thread	✓			
Rims	✓			
Bearings	✓			



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6 – OUTRIGGERS	OK	NO	NA	Comments
Locking mechanism	✓			
Retraction / Travel alarm	✓			No Travel Alarm
Foot pads / Hydraulic hoses and fittings	✓			
Seals	✓			
7 - SLEWRING	OK	NO	NA	Comments
Brake / rocking motions / Bolts	✓			
Lubrication	✓			
Gear teeth on slew ring and pinion	✓			
Clutch	✓			
8 – COUNTERWEIGHTS	OK	NO	NA	Comments
Security / Connection / Hydraulics / Rams	✓			
Hoses	✓			
Fittings	✓			
9 – MAIN BLOCK / WHIP LINE	OK	NO	NA	Comments
Hook / Safety catch	✓			
Sheaves / Structure / Pins	✓			
Whip line Capacity	✓			
Main block Capacity	✓			
10 - WINCHES	OK	NO	NA	Comments
Drum	✓			
Rope anchor	✓			
Spooling	✓			
Brake	✓			
Rope guards	✓			
Clutches	✓			
11 - WIRE ROPE	OK	NO	NA	Comments
Main hoist wire rope	✓			
Termination	✓			
Boom wire rope	✓			
Wedge socket	✓			
Whip line wire rope	✓			
12 – SAFETY DEVICES	OK	NO	NA	Comments
Level indicator or Spirit level	✓			
Load limiter	✓			
Limit stops relating to lifting motions	✓			

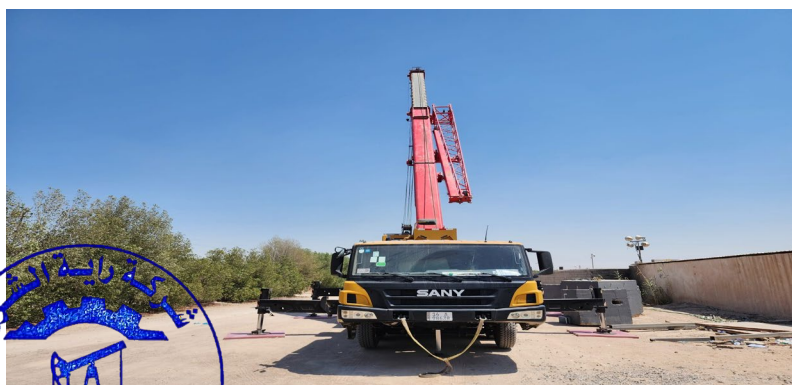


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STC500E5汽车起重机主臂起重性能表

STC500E5 Total rated lifting load for boom

支腿伸展后为额定工况，且须满足《起重机械安全规程》(GB 6067.1-2008)的要求
Fully extended outriggers, over side and normal rated counterweight (Removable Counterweight)

吊臂长度 (m)	11.7	16	20.2	26.5	32.8	39.2	45.5	51.8	58.1	64.4	70.7	77.0	83.3	89.6	95.9	102.2	108.5	114.8	121.1	127.4	133.7	140.0	146.3	152.6	158.9	165.2	171.5	177.8	184.1	190.4	196.7	203.0	209.3	215.6	221.9	228.2	234.5	240.8	247.1	253.4	259.7	266.0	272.3	278.6	284.9	291.2	297.5	303.8	310.1	316.4	322.7	329.0	335.3	341.6	347.9	354.2	360.5	366.8	373.1	379.4	385.7	392.0	398.3	404.6	410.9	417.2	423.5	429.8	436.1	442.4	448.7	455.0	461.3	467.6	473.9	480.2	486.5	492.8	499.1	505.4	511.7	518.0	524.3	530.6	536.9	543.2	549.5	555.8	562.1	568.4	574.7	581.0	587.3	593.6	599.9	606.2	612.5	618.8	625.1	631.4	637.7	644.0	650.3	656.6	662.9	669.2	675.5	681.8	688.1	694.4	700.7	707.0	713.3	719.6	725.9	732.2	738.5	744.8	751.1	757.4	763.7	770.0	776.3	782.6	788.9	795.2	801.5	807.8	814.1	820.4	826.7	833.0	839.3	845.6	851.9	858.2	864.5	870.8	877.1	883.4	889.7	896.0	902.3	908.6	914.9	921.2	927.5	933.8	940.1	946.4	952.7	959.0	965.3	971.6	977.9	984.2	990.5	996.8	1003.1	1009.4	1015.7	1022.0	1028.3	1034.6	1040.9	1047.2	1053.5	1059.8	1066.1	1072.4	1078.7	1085.0	1091.3	1097.6	1103.9	1110.2	1116.5	1122.8	1129.1	1135.4	1141.7	1148.0	1154.3	1160.6	1166.9	1173.2	1179.5	1185.8	1192.1	1198.4	1204.7	1211.0	1217.3	1223.6	1230.0	1236.3	1242.6	1248.9	1255.2	1261.5	1267.8	1274.1	1280.4	1286.7	1293.0	1299.3	1305.6	1311.9	1318.2	1324.5	1330.8	1337.1	1343.4	1349.7	1356.0	1362.3	1368.6	1374.9	1381.2	1387.5	1393.8	1400.1	1406.4	1412.7	1419.0	1425.3	1431.6	1437.9	1444.2	1450.5	1456.8	1463.1	1469.4	1475.7	1482.0	1488.3	1494.6	1500.9	1507.2	1513.5	1519.8	1526.1	1532.4	1538.7	1545.0	1551.3	1557.6	1563.9	1570.2	1576.5	1582.8	1589.1	1595.4	1601.7	1608.0	1614.3	1620.6	1626.9	1633.2	1639.5	1645.8	1652.1	1658.4	1664.7	1671.0	1677.3	1683.6	1689.9	1696.2	1702.5	1708.8	1715.1	1721.4	1727.7	1734.0	1740.3	1746.6	1752.9	1759.2	1765.5	1771.8	1778.1	1784.4	1790.7	1797.0	1803.3	1809.6	1815.9	1822.2	1828.5	1834.8	1841.1	1847.4	1853.7	1860.0	1866.3	1872.6	1878.9	1885.2	1891.5	1897.8	1904.1	1910.4	1916.7	1923.0	1929.3	1935.6	1941.9	1948.2	1954.5	1960.8	1967.1	1973.4	1979.7	1986.0	1992.3	1998.6	2004.9	2011.2	2017.5	2023.8	2030.1	2036.4	2042.7	2049.0	2055.3	2061.6	2067.9	2074.2	2080.5	2086.8	2093.1	2099.4	2105.7	2112.0	2118.3	2124.6	2130.9	2137.2	2143.5	2149.8	2156.1	2162.4	2168.7	2175.0	2181.3	2187.6	2193.9	2199.2	2205.5	2211.8	2218.1	2224.4	2230.7	2237.0	2243.3	2249.6	2255.9	2262.2	2268.5	2274.8	2281.1	2287.4	2293.7	2299.0	2305.3	2311.6	2317.9	2324.2	2330.5	2336.8	2343.1	2349.4	2355.7	2362.0	2368.3	2374.6	2380.9	2387.2	2393.5	2399.8	2406.1	2412.4	2418.7	2425.0	2431.3	2437.6	2443.9	2450.2	2456.5	2462.8	2469.1	2475.4	2481.7	2488.0	2494.3	2500.6	2506.9	2513.2	2519.5	2525.8	2532.1	2538.4	2544.7	2551.0	2557.3	2563.6	2569.9	2576.2	2582.5	2588.8	2595.1	2601.4	2607.7	2614.0	2620.3	2626.6	2632.9	2639.2	2645.5	2651.8	2658.1	2664.4	2670.7	2677.0	2683.3	2689.6	2695.9	2702.2	2708.5	2714.8	2721.1	2727.4	2733.7	2740.0	2746.3	2752.6	2758.9	2765.2	2771.5	2777.8	2784.1	2790.4	2796.7	2803.0	2809.3	2815.6	2821.9	2828.2	2834.5	2840.8	2847.1	2853.4	2859.7	2866.0	2872.3	2878.6	2884.9	2891.2	2897.5	2903.8	2910.1	2916.4	2922.7	2929.0	2935.3	2941.6	2947.9	2954.2	2960.5	2966.8	2973.1	2979.4	2985.7	2992.0	2998.3	3004.6	3010.9	3017.2	3023.5	3029.8	3036.1	3042.4	3048.7	3055.0	3061.3	3067.6	3073.9	3080.2	3086.5	3092.8	3099.1	3105.4	3111.7	3118.0	3124.3	3130.6	3136.9	3143.2	3149.5	3155.8	3162.1	3168.4	3174.7	3181.0	3187.3	3193.6	3200.9	3207.2	3213.5	3219.8	3226.1	3232.4	3238.7	3245.0	3251.3	3257.6	3263.9	3270.2	3276.5	3282.8	3289.1	3295.4	3301.7	3308.0	3314.3	3320.6	3326.9	3333.2	3339.5	3345.8	3352.1	3358.4	3364.7	3371.0	3377.3	3383.6	3389.9	3396.2	3402.5	3408.8	3415.1	3421.4	3427.7	3434.0	3440.3	3446.6	3452.9	3459.2	3465.5	3471.8	3478.1	3484.4	3490.7	3497.0	3503.3	3509.6	3515.9	3522.2	3528.5	3534.8	3541.1	3547.4	3553.7	3560.0	3566.3	3572.6	3578.9	3585.2	3591.5	3597.8	3604.1	3610.4	3616.7	3623.0	3629.3	3635.6	3641.9	3648.2	3654.5	3660.8	3667.1	3673.4	3679.7	3686.0	3692.3	3698.6	3704.9	3711.2	3717.5	3723.8	3730.1	3736.4	3742.7	3749.0	3755.3	3761.6	3767.9	3774.2	3780.5	3786.8	3793.1	3799.4	3805.7	3812.0	3818.3	3824.6	3830.9	3837.2	3843.5	3849.8	3856.1	3862.4	3868.7	3875.0	3881.3	3887.6	3893.9	3900.2	3906.5	3912.8	3919.1	3925.4	3931.7	3938.0	3944.3	3950.6	3956.9	3963.2	3969.5	3975.8	3982.1	3988.4	3994.7	4001.0	4007.3	4013.6	4020.9	4027.2	4033.5	4039.8	4046.1	4052.4	4058.7	4065.0	4071.3	4077.6	4083.9	4090.2	4096.5	4102.8	4109.1	4115.4	4121.7	4128.0	4134.3	4140.6	4146.9	4153.2	4159.5	4165.8	4172.1	4178.4	4184.7	4191.0	4197.3	4203.6	4209.9	4216.2	4222.5	4228.8	4235.1	4241.4	4247.7	4254.0	4260.3	4266.6	4272.9	4279.2	4285.5	4291.8	4298.1	4304.4	4310.7	4317.0	4323.3	4329.6	4335.9	4342.2	4348.5	4354.8	4361.1	4367.4	4373.7	4380.0	4386.3	4392.6	4398.9	4405.2	4411.5	4417.8	4424.1	4430.4	4436.7	4443.0	4449.3	4455.6	4461.9	4468.2	4474.5	4480.8	4487.1	4493.4	4499.7	4506.0	4512.3	4518.6	4524.9	4531.2	4537.5	4543.8	4550.1	4556.4	4562.7	4569.0	4575.3	4581.6	4587.9	4594.2	4600.5	4606.8	4613.1	4619.4	4625.7	4632.0	4638.3	4644.6	4650.9	4657.2	4663.5	4669.8	4676.1	4682.4	4688.7	4695.0	4701.3	4707.6	4713.9	4720.2	4726.5	4732.8	4739.1	4745.4	4751.7	4758.0	4764.3	4770.6	4776.9	4783.2	4789.5	4795.8	4802.1	4808.4	4814.7	4821.0	4827.3	4833.6	4839.9	4846.2	4852.5	4858.8	4865.1	4871.4	4877.7	4884.0	4890.3	4896.6	4902.9	4909.2	4915.5	4921.8	4928.1	4934.4	4940.7	4947.0	4953.3	4959.6	4965.9	4972.2	4978.5	4984.8	4991.1	4997.4	5003.7	5010.0	5016.3	5022.6	5028.9	5035.2	5041.5	5047.8	5054.1	5060.4	5066.7	5073.0	5079.3	5085.6	5091.9	5098.2	5104.5	5110.8	5117.1	5123.4	5129.7	5136.0	5142.3	5148.6	5154.9	5161.2	5167.5	5173.8	5180.1	5186.4	5192.7	5199.0	5205.3	5211.6	5217.9	5224.2	5230.5	5236.8	5243.1	5249.4	5255.7	5262.0	5268.3	5274.6	5280.9	5287.2	5293.5	5299.8	5306.1	5312.4	5318.7	5325.0	5331.3	5337.6	5343.9	5350.2	5356.5	5362.8	5369.1	5375.4	5381.7	5388.0	5394.3	5400.6	5406.9	5413.2	5419.5	5425.8	5432.1	5438.4	5444.7	5451.0	5457.3	5463.6	5469.9	5476.2	5482.5	5488.8	5495.1	5501.4	5507.7	5514.0	5520.3	5526.6	5532.9	5539.2	5545.5	5551.8	5558.1	5564.4	5570.7	5577.0	5583.3	5589.6	5595.9	5602.2	5608.5	5614.8	5621.1	5627.4	5633.7	5640.0	5646.3	5652.6	5658.9	5665.2	5671.5	5677.8	5684.1	5690.4	5696.7	5703.0	5709.3	5715.6	5721.9	5728.2	5734.5	5740.8	5747.1	5753.4	5759.7	5766.0	5772.3	5778.6	5784.9	5791.2	5797.5	5803.8	5810.1	5816.4	5822.7	5829.0	5835.3	5841.6	5847.9	5854.2	5860.5	5866.8	5873.1	5879.4	5885.7	5892.0	5898.3	5904.6	5910.9	5917.2	5923.5	5929.8	5936.1	5942.4	5948.7	5955.0	5961.3	5967.6	5973.9	5980.2	5986.5	5992.8	5999.1	6005.4	6011.7	6018.0	6024.3	6030.6	6036.9	6043.2	6049.5	6055.8	6062.1	6068.4	6074.7	6081.0	6087.3	6093.6	6099.9	6106.2	6112.5	6118.8	6125.1	6131.4	6137.7	6144.0	6150.3	6156.6	6162.9	6169
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STC500E5汽车起重机主臂起重性能表
STC500E5 Total rated lifting load for boom

吊臂长度 (m)	12	10	8	6	4	3	2	1	0
吊臂重量 (kg)	0%	50%	100%	100%	100%	100%	100%	100%	100%
吊臂高度 (m)	0%	0%	0%	25%	50%	75%	100%	100%	100%

CERTIFICATE OF THOROUGH EXAMINATION

This report complies with the Lifting Operation and Lifting Equipment Regulations

Report Number: RAS-Y-260730500

Certificate Page: 5 Of 5

LOAD TEST & NDT (MPI) REPORT

Report No:	260730500	Examination Date:	22/07/2026
LOAD TEST			
Equipment Details			
Load Cell Serial No: 30682 / 25532	Vernier Caliper S/N: 400 0576 010	Measuring Tape S/N: N/A	

NDT (MPI) FOR CRANE'S HOOK

NDT Details					
Standard:	ASTME 709	Equipment type:	PERMENANT YOKE	Contrast Media:	WHITE CONTRAST
Viewing Condition	Colored media	Method	WET	Indicator:	BLACK INK
NDT Equipment Details					
YOKE S/N	A12-512	WHITE CONTRAST	MagnavisWCP-2	BLACK INK	Magnavis7HF



Hook Details

Main Hook Serial Number:	HCZ21501850 (STC50023XD)	Aux. Serial Number:	N/A
Main Hook SWL:	50Ton	Aux. Hook SWL:	N/A

NDT Procedure

Visual & MPI CARRIED OUT FOR THE ABOVE DESCRIPTION AND FOUND FREE OF SURFACE DEFECTS AT THE TIME OF INSPECTION

Identification of any part found to have a defect and a description of the defect: **NONE**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **NONE**

ASNT Level II Inspector Name & Signature: Mustafa Salman

RESULT: **PASS**

