

CERTIFICATE OF THOROUGH EXAMINATION

This Report Complies With Lifting Operation and Lifting Equipment Regulations

Certificate Page: 1 Of 4

Date of Through Examination: 08/08/2026	Date of Report: 08/08/2026	Report Number: RAS-AM-260830039
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<u>Description and identification of the equipment:</u>	Manufacturer: HYUNDAI Year of Manufacture: 2016 Model: HYUNDAI Serial Number: 095892 Chassis Number: KMFP A18C8GC095892 Plate Number: 1181 Basra		
Lorry Loader Crane, Telescopic Boom, Diesel powered, Hydraulic Operated			
<u>Name and address of employer for whom the thorough examination was made:</u>	Crane Model Number: SCS-1015LS Crane Serial Number: 0931 Crane Manufacturer: SOOSAN Year of Manufacture: 2016 Hook Serial Number: Y111		
Hyundai E&C Company			Crane Capacity: 10 Ton
<u>Address of premises at which the examination was made:</u>			Hook Capacity: 10 Ton
Hyundai Workshop Yard / BRUP			SWL: 10 Ton
			Wire Rope Dia: 14 mm

EXAMINED IN ACCORDING TO BS EN 7121-2-3

Description Details of Load Test @4 Falls	Boom Length (m)	Radius (m)	SWL (Kg)	Proof Load (Kg)
Load test at 100 % SWL @4 Falls (Min.radius)	5.6	5.0	7100	NIL
Load test at 100 % SWL (Intermediate radius)	9.4	7.0	4450	4895
Load test at 100 % SWL (Max.radius)	13.1	11.0	2700	2700

Is this the first examination after installation or assembly at a new site or location?					Was the examination carried out:				
	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	✓

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 in Accordance with Standard **BS 7121-2-4:2013**
- MPI Has Been Done to the Hook According to **ASTME 709**.

IS THIS EQUIPMENT SAFE TO OPERATE? YES NO

Name & Qualifications of person making this report: **Ahmed Yahya**
Name of person authenticating this report: **Mustafa Salman**
Latest date by which next examination must be carried out: **07/08/2027**

Name and address of employer of person making and authenticating this report:
Hussein Ali Hussein, Basra, Burjesia



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Report Number: RAS-AM-260830039

Certificate Page: 2 Of 4

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				
Base section properly attached	✓			
Boom structure	✓			
Boom angle indicator	✓			
Hoist line guides	✓			
3 – Hydraulic System				
Hydraulic oil level	✓			
Outrigger cylinders	✓			
Boom cylinder	✓			
System & Hoses	✓			
4 – Load Hook & Block				
Sheave functions smoothly	✓			
Hook rotates freely lubricated	✓			
Hook latches	✓			
5 – Drum				
Spooling of hoist lines	✓			
Drum shields cracks	✓			
Drum sides cracks	✓			
6 – Hoist line				
Overall condition	✓			
End connections	✓			
Lubricated	✓			
Clips	✓			
7 – Stabilizers				
Stabilizers beam cam	✓			
Stabilizers beam secondary locks	✓			
Stabilizers Hoses & Pipe works	✓			
8 – Loader Crane				
Operation of control levers	✓			
Attachment of loader to vehicle	✓			
Emergency Stop Switches	✓			



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Report Number: RAS-AM-260830039

Certificate Page: 3 Of 4

9 – Safety Devices	OK	NO	NA	Comments	
Anti-two blocks system	✓				
Warning alarms	✓				
Safety equipment	✓				



SCS1015Lsuper RATED LOADS (UNIT:kg)

WORKING RADIUS(m)	5.6	9.4	13.1	16.9	20.7	24.9
1.0	10,000	-	-	-	-	-
2.0	10,000	9,500	-	-	-	-
3.0	10,000	7,650	6,500	5,700	-	-
4.0	8,400	6,400	5,500	4,950	4,300	2,000
5.0	7,100	5,600	4,750	4,350	3,900	2,000
6.0	6,000	5,000	4,250	3,850	3,500	1,700
7.0	-	4,450	3,850	3,450	3,150	1,500
8.0	-	3,950	3,500	3,150	2,900	1,300
9.0	-	3,350	3,200	2,900	2,650	1,100
10.0	-	3,100	2,950	2,700	2,450	1,000
11.0	-	-	2,700	2,500	2,300	900
12.0	-	-	2,450	2,350	2,150	800
13.0	-	-	1,950	2,200	2,000	700
14.0	-	-	-	2,050	1,900	650
15.0	-	-	-	1,900	1,800	600
16.0	-	-	-	1,700	1,700	-
17.0	-	-	-	1,400	1,600	-
18.0	-	-	-	-	1,500	-
19.0	-	-	-	-	1,400	-
20.0	-	-	-	-	1,250	-
20.7	-	-	-	-	1,030	-

NOTE:
1. The above data are based on the truck chassis which has been fully supported on the road and on the ground by the outrigger extended to maximum length.
2. The data are based on the allowable strength of crane boom.



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Report Number: RAS-AM-260830039

Certificate Page: 4 Of 4

LOAD TEST & NDT (MPI) REPORT			
Report No:	260830039	Examination Date:	08/08/2026
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:			Y111	
	Main Hook SWL:			10 Ton	
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: Ahmed Yahya			RESULT: PASS		

