

CERTIFICATE OF THOROUGH EXAMINATION

This Report Complies With Lifting Operation and Lifting Equipment Regulations

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Date of Through Examination: 28/07/2026	Date of Report: 28/07/2026	Report Number: RAS-U-2607301476
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<u>Description and identification of the equipment:</u>	Manufacturer: HYUNDAI Year of Manufacture: 2016 Model: HYUNDAI Serial Number: 093480 Chassis Number: KMFP18SPHC093480 Plate Number: 1161 Basra		
Lorry Loader Crane, Telescopic Boom, Diesel powered, Hydraulic Operated			
<u>Name and address of employer for whom the thorough examination was made:</u> Hyundai E&C Company	Crane Model Number: KS2605 Crane Serial Number: S2C0077 Crane Manufacturer: KANGLIM Year of Manufacture: 2016 Hook Serial Number: H11	Crane Capacity: 10 Ton Hook Capacity: 10 Ton SWL: 10 Ton Wire Rope Dia: 14 mm	
<u>Address of premises at which the examination was made:</u> Hyundai Workshop Yard / BRUP			

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)	5.5	2.0	7980	NIL
Load test at 100 % SWL (Intermediate radius)	12.8	5.0	3870	4257
Load test at 100 % SWL (Max.radius)	16.4	10.0	1910	1910

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** Signature: **Mustafa Mohammed** Latest date by which next thorough examination must be carried out: **27/07/2027**

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



RATED LOADS					
UNIT: kgf					
WORKING RADIUS(M)	BOOM LENGTH				
	5.5M	9.1M	12.8M	16.4M	20.3M
2	(2.6) 10000	8500	7980	—	—
3	8000	6320	5890	5000	—
4	6500	5105	4650	4600	4500
5	5500	4120	3870	3680	3520
6	(5.5) 4700	3350	3100	2980	2850
7		3100	2830	2750	2680
8		2900	2680	2560	2410
9		2530	2330	2250	2100
10		(9.1) 2410	2030	1910	1820
11			1850	1790	1650
12			1680	1600	1450
13			(12.8) 1300	1250	1180
14				1200	1100
15				1140	1050
16				1100	990
17				(16.4) 1030	910
18					820
19					720
20					(20.3) 600



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LOAD TEST & NDT (MPI) REPORT			
Report No:	2607301476	Examination Date:	17/06/2025
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:		H11		
	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		

