

Logo	Gantry Crane Inspection Checklist	Doc Ref #: XYZ/IMS/QHSE/F/00 Issue Date: DD-MM-YYYY Rev #: 00 Page 1 of 3
	QHSE Forms	
	Organization Name	

Checklist Sr. #: _____

Crane ID #		Inspection Date	
Inspected By		Next Inspection	
Approved By		Location	
Manufacturer		Operator Name	

Tick (✓) the correct answer against the given criteria.

S/#	Criteria	Yes	No	Remarks
Physical Appearance and Cabin				
1	The structure of the crane is in good condition?			
2	The maximum load capacity of the crane is mentioned on the body?			
3	The cabin of the operator is in good condition?			
4	The seat and seat belt is in good condition, working properly?			
5	The cabin of the crane is reinforced to protect the operator?			
6	The door of the cabin is equipped with lock and working properly?			
7	The cabin's wind shield is in good condition, neat, and free of crack?			
Controls				
1	The controls are in good condition and working properly?			
2	All the controls are labelled for easy identification?			
3	Emergency controls are labelled and working properly?			
4	Emergency stop button available and working properly?			
Hook				
1	The load of the hook is mentioned on visible point?			
2	Safety latch of the hook is working properly?			
3	Deformation effects visible due to water, environment, rust, dent?			
4	Attachment points labelled and in good condition?			
5	Self-locking mechanism working properly?			
6	The hook is inspected by 3 rd party and MPI is carried out?			
Wire Rope & Chain				
1	Chain is well lubricated and in good condition?			
2	Chain is without defects, wear and tear effects?			
3	Wire of the crane doesn't have any cuts/ defects?			

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4	There is no wire rope corrosion damage?			
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S/#	Criteria	Yes	No	Remarks
Power Source				
1	The crane is powered by the generator/ electric wire?			
2	The power cable is attached properly to the crane?			
3	The connecting point is in good condition?			
4	The power capacity is mentioned on visible location?			
5	Emergency power cut button is available and working properly?			
6	The wire of the crane is in good condition, and without damage?			
Movement Tracks, Trolley, Bucket				
1	The tracks for the movement of the crane are in good condition?			
2	The tracks for the movement are free of rust/crack/defect/dent?			
3	The bucket of the crane for load lifting is in good condition?			
4	The trolley for the load lifting is in good condition?			
5	Load capacity of load bucket/ trolley is mentioned on visible point?			
3rd Party Inspection Certificate, Lifting Gears, Crew				
1	3 rd party inspection certificate is valid?			
2	All the lifting gears are in good condition?			
3	Lifting gears are inspected by the 3 rd party and certified is issued?			
4	Crew is trained by 3 rd party trainer for safe use of crane?			
Emergency Equipment				
1	Firefighting equipment e.g., fire extinguisher is available?			
2	Emergency first aid box available with valid medical items?			
Other Comments/ Remarks/				

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Inspected By	Approved By