Logo	Gantry Crane Inspection Checklist	Doc Ref #: XYZ/IMS/QHSE/F/00	
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	Organization Name		

Checklist Sr. #:	
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Crane ID #	Inspection Date	
Inspected By	Next Inspection	
Approved By	Location	
Manufacturer	Operator Name	

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

Tick (	Tick (✔) the correct answer against the given criteria.				
S/#	Criteria	Yes	No	Remarks	
Physi	ical 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?				
Cont	rols				
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	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 <sup>rd</sup> 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
Powe	er 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?			
Mov	ement 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?			
3 <sup>rd</sup> Pa	orty Inspection Certificate, Lifting Gears, Crew			
1	3 <sup>rd</sup> party inspection certificate is valid?			
2	All the lifting gears are in good condition?			
3	Lifting gears are inspected by the 3 <sup>rd</sup> party and certified is issued?			
4	Crew is trained by 3 <sup>rd</sup> party trainer for safe use of crane?			
Emer	gency Equipment			
1	Firefighting equipment e.g., fire extinguisher is available?			
2	Emergency first aid box available with valid medical items?			
011	r Comments/ Remarks/			

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Inspected By	Approved By