

Overhead Crane Hoist Annual Inspection

	Inspection Item	Requirement	Inspection Results	Treatment Status
Running Track (I-Beam)	Obstacles within the Running Range	The minimum distance between the running range and buildings or other equipment should not be less than 100mm.		
	Track End Stops and Connecting Bolts or Welds	Track end stops should not have deformation, damage, or other defects. The connecting bolts should not be loose. If welded, the welds should not have cracks.		
	Connecting Bolts for Fixed Tracks	Bolts should not be loose.		
	Track Joint Welds	Welds should not have cracks or other defects.		
	Track Wear	There should be no local abnormal deformation or wear at the contact points between the track and wheels.		
Operation Button	Appearance	The appearance and insulation should not have damage.		
	Cable Ends	The ends of the cable (both upper and lower) should be securely fixed, with no damage or broken wires. Insulation should be intact.		
	Button Interlock Device	The interlock should be reliable for the up-down and left-right groups. Pressing a set of buttons		

		should not activate the electric hoist.		
	Contact Points	Contacts should not have severe wear.		
	Wiring and Grounding	The wiring should be securely connected, and the connecting bolts should not be loose.		
Electromagnetic Contactor	Operating Status	The contacts should open and close sensitively without sticking.		
	Grounding Bolts	No loosening should occur.		
	Contact Points	There should be no severe damage or wear on the contacts.		
Lifting Limit Switch	Operating Status	The operation should be sensitive and reliable. The switch should be adjusted so that when the hook reaches the upper limit, the distance between the hook and the drum should be no less than 50mm.		
	Contact Points	The contacts should operate accurately and sensitively, with no damage or excessive wear.		
	Grounding Bolts	No loosening should occur.		
Sliding Line	Sliding Line Condition	The sliding line should not have severe rust or oil deposits. The installation should be stable. The sliding line should not have significant sagging.		
Brake	Brake Rings or Brake Pads for Lifting Mechanism	The wear of the conical brake should not exceed 50% of the original thickness and should not exceed the maximum axial adjustment. The wear of the brake pads should not exceed 50% of the original thickness.		
	Flat Brake Rings for Running Mechanism	The wear of the flat brake rings should not		

		exceed 50% of the original thickness.		
	Appearance of Brake Rings	The brake rings should not have cracks or damage.		
Hook Device	Hook	Visual inspection should reveal no cracks, abnormal wear, or abnormal deformation of the hook.		
	Bearings	Rotation should be smooth and flexible.		
	Pulley	The pulley groove should not have abnormal wear, and the flange should be intact with no damage.		
	Appearance	The pulley cover should not have wear. The shaft stop plate, ring, and pins should not be loose. The hook locking device should be normal.		
Wall Plate	Connecting Bolts	The connecting bolts should not be loose.		