

## Overhead Crane Hoist Monthly Inspection

	Inspection Item	Requirement	Inspection Results
<b>Running Track</b>	Obstacles within the Running Range	The minimum distance between the running range and buildings or other equipment should be no less than 100mm.	
	Track End Stops and Connecting Bolts or Welds	Track end stops should not have any deformation or damage. 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 defects.	
	Track Wear	The contact points between the track and wheels, as well as the wheel flanges, should not have local abnormal deformation or wear.	
<b>Hook Device</b>	Pulleys	The pulley grooves should not have abnormal wear, and the wheel flanges should be intact with no damage.	
	Appearance	The pulley cover should not have damage. The shaft stop plate, ring, and pins should not be loose. The hook locking device should function properly.	
	Working Condition	The pulley rotation should be smooth and flexible.	
<b>Balancer Pulley</b>	Appearance	The pulley should not be damaged, and the assembly connection should be secure.	
	Wall Plate	The connecting bolts should not be loose.	
	Wheels	The wheel surface and flanges should not have abnormal wear or scars.	
<b>Steel Wire Rope</b>	Rope End Fixing	The ends of the steel wire rope should be securely fixed and reliable,	

		with no abnormalities.	
	Appearance	The wire rope should not have twists, burn marks, or obvious looseness, corrosion, or other defects. The rope should be well-lubricated.	
	Safety in Use	Follow standards for replacing broken strands or worn ropes.	
<b>Gears</b>	Gear Lubrication	Open gears should be lubricated regularly with grease; enclosed gears should be regularly lubricated with oil.	
<b>Electric Devices</b>	Cable Appearance	The cable should not have damage, abnormal bending or twisting, aging, or other defects.	
	Cable Condition	There should be no looseness at the connection between the cable and switch, and the center ring should not detach from the track. The supporting steel wire should not be loose.	
	Pulley	The pulley rotation should be flexible, with no obvious wear.	
	Switch Buttons	Connecting bolts should not be loose. Insulators should not be loose. Springs should not lose elasticity.	