

# Electric Wire Rope Hoist Inspection Record

A condition record for the rope, drum, sheaves, rope guide, hook block, end terminations, and related safety devices.

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<b>Hoist / crane ID</b>	_____	<b>Inspection date</b>	_____
<b>Rope construction</b>	_____	<b>Nominal diameter</b>	_____
<b>Rope manufacturer</b>	_____	<b>Installation date</b>	_____
<b>Applicable criteria</b>	_____	<b>Inspector</b>	_____

## Rope Zone Inspection

Rope zone / condition	Result	Measurement / location	Action
Drum anchorage and first active wraps	[ ]		
Rope guide and drum groove contact zone	[ ]		
Repeated bending zone at upper sheaves	[ ]		
Hook block sheaves and lower reeving	[ ]		
Equalizer, dead end, wedge socket, clamps, or termination	[ ]		
Longest stationary section and corrosion-prone areas	[ ]		
Full rope path for broken wires, abrasion, crushing, kinks, or heat	[ ]		

## Related Component Checks

Inspection item	OK	Defect / measurement	Action / owner
Drum grooves, anchorage, rope guide, and pressure roller	[ ]		
Sheave rotation, groove profile, bearings, and guards	[ ]		
Hook block alignment, hook, latch, crosshead, and reeving symmetry	[ ]		
Upper and lower limits, brake holding, and limit drive mechanism	[ ]		
Evidence of side pulling, shock loading, snagging, or fleet-angle problems	[ ]		
Root cause and corrective work if rope replacement is required	[ ]		

<b>Final decision</b>	Continue / Monitor / Replace / Isolate	<b>Next inspection</b>	_____
<b>Inspector signature</b>	_____	<b>Technical review</b>	_____
<b>Return to service</b>	_____	<b>Date</b>	_____

**Important: Rope discard criteria depend on rope construction, equipment design, the applicable standard, manufacturer instructions, measurements, and qualified judgment.**