



Machine reference: _____ Location: _____ Application: _____ Record #: _____

Rope details

Installation date: _____ Removal date: _____ Brand: _____ Rope trade name: _____

Nominal Diameter: _____ (mm) (in) Construction: _____ Core type: _____ Wire finish: _____

Lay: _____ (sZ, zZ, zS, sS) Terminations: _____

Number traceable to production: _____ Service Life: _____ (cycles/hrs/days/etc.)

Rope Inspection standard (circle)²: ASME B30.30 ISO 4309 API 2D API 9B Other: _____

Reference diameter d_{ref} ³: _____ Allowable decrease from d_{ref} : _____ Location reference point: _____ (e.g. drum end, live end termination, etc.)

Allowable wire breaks in 6d: _____ 30d: _____ 1 strand/lay: _____ All strands/lay: _____ Allowable valley breaks: _____ Allowable breaks at termination: _____

Location from reference point	Select <input type="radio"/>	Broken outer wires									Diameter			Corrosion	Distortion / Damage		Rope Combined Severity
		Number In/At			Location		Severity			Measured	Reduction	Severity ¹	Severity ¹	Type	Severity ¹		
		1 Str per Lay	All Str per Lay	Termin.	1 Str per Lay	All Str per Lay	1 Str per Lay	All Str per Lay	Termin.								
6d	30d	Termin.	6d	30d	6d	30d	Termin.										
Comments / Observations									Print name of competent person			Signature of competent person			Inspection date		

Terminations Condition

Sheaves Condition

Drum Condition

Note 1 - Severity ratings: slight-20%, medium-40%, high-60%, very high-80%, discard-100%

Note 2 - The grooving of the sheaves and drums should be inspected in accordance with the applicable standard at each wire rope inspection.

Note 3 - d_{ref} : Reference diameter, measured diameter from a section of rope that has not been subjected to significant bending, wear, or other sources of cross-sectional deformation or degradation, taken after break-in