

Owner: _____ Location: _____

Record #: _____

ASME B30.9 Broken Wire Removal Criteria

Sling Type	1 Str per Lay	All Str per Lay	Per Lay	Per braid
Strand-laid or Single-part	5	10		
Cable-laid		20		
< 8-part braid			20	
≥ 8-part braid				40

Allowable diameter decrease: >5% below nominal

Please see WireCo's *Wire Rope Sling Inspections Reference* technical document for information on sling inspections.

Name or Trademark of Manufacturer, OEM (1): _____ Rated Load Unit of Measure (circle): pounds short tons kilonewtons Other: _____

Name or Trademark of Manufacturer, OEM (2): _____ Rated Load Unit of Measure (circle): pounds short tons kilonewtons Other: _____

Name or Trademark of Manufacturer, OEM (3): _____ Rated Load Unit of Measure (circle): pounds short tons kilonewtons Other: _____

Name or Trademark of Manufacturer, OEM (4): _____ Rated Load Unit of Measure (circle): pounds short tons kilonewtons Other: _____

Sling type (see above)	OEM #	Description	Rated load	Num. of legs	Termin.	Lot# (ID #)	Tag missing or illegible (Yes/No)	Repaired (yes/no)	Repaired by	In service date	Broken wires				Diameter			Corrosion	Distortion / Damage	Removal date				
											1 Str per Lay	All Str per Lay	Per Lay	Per Braid	Nom.	Actual	% Reduc.	Severity ¹	Type					
Comments / Observations											Print name of competent person				Signature of competent person				Inspection date					

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