



STEEP SLOPE WINCH CABLE INSPECTION

CF-S-87

Location: _____ Client: _____

Unit Winching: _____ Description: _____ BU: _____

****Note: Checklist must be completed at the frequency outlined in the steep slope plan where applicable or as per the manufacturer's specifications/see page 2 for examples of rejection criteria****

OK - Acceptable	• Meets the requirements of good use/operating condition – no causes for concern
RA - Requires Attention	• Requires attention ASAP but does not present imminent danger or component/part failure. Can proceed to use and/or operate
UA - Unacceptable	• Requires immediate repair and/or correction – imminent danger or component/part failure could occur Note: Cannot proceed to use or operate without Supervisor/Foreman approval
NA - Not Applicable	• Has no application on this day

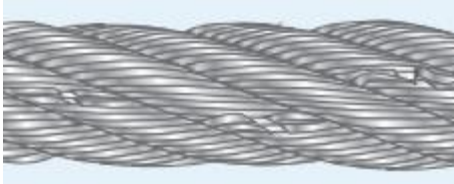
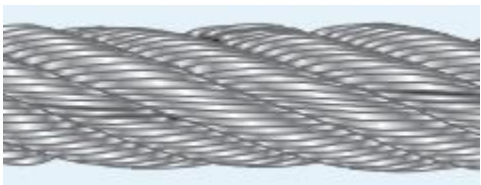
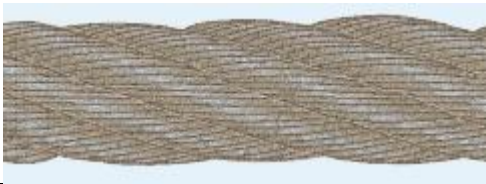
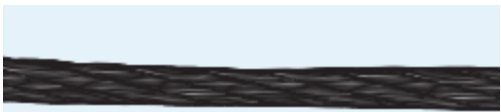
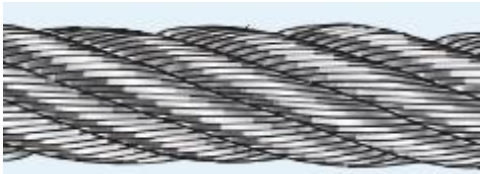
Item	OK	RA	UA	NA	Comments
Cable moves (freely from drum)	☐	☐	☐	☐	
Cable condition (no broken wires, kinks, see page 2 for more information)	☐	☐	☐	☐	
Cable thickness (no narrowing/stretch/waves in cable)	☐	☐	☐	☐	
Cable surface (no corrosion/rust which cannot be whipped away)	☐	☐	☐	☐	
Cable structure (no bird caging, core protrusions)	☐	☐	☐	☐	
Eyelets/connections (no damage/stretching)	☐	☐	☐	☐	
Cable hardware (free of visible damage, cracks, rated for load)	☐	☐	☐	☐	
Lubrication (cable sufficiently lubricated)	☐	☐	☐	☐	
Drum (free of cracks or other damage)	☐	☐	☐	☐	
Sheave Groves (wide enough to allow for the cable size to pass through)	☐	☐	☐	☐	
Bearings (no wobbling, vibration, rotating freely)	☐	☐	☐	☐	
Side runners (no visible damage or sharp edges)	☐	☐	☐	☐	
Other Concerns/Comments:					

****Note any unacceptable conditions must be reported to the Site Supervisor immediately, work must not proceed****

Cable Inspected by: _____
Name(print) Signature Date

Supervisor: _____
Name(print) Signature Date

Recommended Failure Criteria – Always Refer to Manufacturer’s Specifications and Report Any Defects to Your Supervisor

Breaks – Crown Wire	Failure Criteria
	6 or more randomly occurring wire breaks are found over a lay length or, 3 or more breaks occur in a single strand in one lay or, 2 or more breaks occur at termination point
	2 or more valley breaks occur over a lay length or, 2 or more wire breaks occur at termination points
Corrosion	Failure Criteria
	Cable heavily pitted and slack and corrosion cannot be whipped away Signs of internal corrosion (such as corrosion debris exuding from between stands are visible
Flattened Portion	Failure Criteria
	Flattened portions can wear more quickly and require increased inspection
Flattened Portion	Failure Criteria
	Obvious localized decrease in diameter caused by the failure of the core
Waviness	Failure Criteria
	Discard the rope or remove the section if the gap between the underside of the rope and a straightedge is 1/10 of rope diameter or greater
External Wear	Failure Criteria
	External wear can cause diameter to decrease which could result in broken wires, see discard criteria (above) for wire breaks and changes in diameter