

# Inspecting equipment and protecting yourself

**IN ADDITION TO CAREFUL ROPE INSPECTION, PERFORM THESE EQUIPMENT INSPECTIONS ON A REGULAR BASIS.**

1. Check the traveling block and crown sheaves. If the depth or size of the groove shows excessive wear, the sheaves must be replaced or repaired (especially the fast line sheave).
2. Check the lagging on the drum for size and smoothness. If excessively worn or corrugated, repair or replace it.
3. The kick back plates, kick back rollers and line guide roller assembly should be inspected periodically.
4. Rope should be removed from service if it meets the retirement criteria specified by API RP54.

## Protect yourself

**I**n the real world, accidents do happen, and that's why you need to take special precautions. Before installing

wire rope in your applications, always read and follow the warning label attached to each product.



## WARNING

Wire rope **WILL FAIL** if worn-out, overloaded, misused, damaged, improperly maintained or abused.

Wire rope failure may cause serious injury or death!

Protect yourself and others:

- ALWAYS INSPECT wire rope for WEAR, DAMAGE or ABUSE BEFORE USE.
- NEVER USE wire rope that is WORN-OUT, DAMAGED or ABUSED.
- NEVER OVERLOAD a wire rope.
- INFORM YOURSELF: Read and understand manufacturer's literature or "Wire Rope and Wire Rope Sling Safety Bulletin".\*
- REFER TO APPLICABLE CODES, STANDARDS and REGULATIONS for INSPECTION REQUIREMENTS and REMOVAL CRITERIA.\*

\* For additional information or the *BULLETIN*, ask your employer or wire rope supplier.

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## WARRANTY

Any warranty, expressed or implied as to quality, performance or fitness for use of WireCo WorldGroup products is always premised on the condition that the published strengths apply only to new, unused products, that the mechanical equipment on which such products are used is properly designed and maintained, that such products are properly stored, handled, used and maintained, and properly inspected on a regular basis during the period of use.

Seller shall not be liable under any circumstances for consequential or incidental damages or secondary charges including but not limited to personal injury, labor costs, a loss of profits resulting from the use of said products or from said products being incorporated in or becoming a component of any other product.



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## INSPECT YOUR EQUIPMENT AND WIRE ROPE REGULARLY

- > Inspection should be performed by a person with special training or practical experience.



## NEED MORE INFORMATION?

- > When it comes to oil and gas drilling, knowledge is your most important tool. We know this guide can't answer every question you have about wire rope.

If you have more informational needs, contact your **Union** distributor or district sales manager.

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