

Wire rope is a consumable item and as such it begins to wear at the moment that it is first placed into service. How fast this wear will occur depends on several things:

- How often it is used.
- How badly it is abused.
- Job site conditions (rigging misaligned)
- Type of job (sandblasting, etc.)
- Condition of the equipment it is being used with.

The daily inspection should include a visual inspection for:

- Rust and corrosion
- Kinking
- Abrasion
- Exposure to heat, electricity, chemicals
- Broken wires

In addition to the operator's inspection of the wire rope, the inlet and exit guides of the machine being used with the wire rope should be inspected for damage that could lead to further wear. At the first sign of damage to the wire rope or machine that the rope contacts, a fully trained and knowledgeable person should be called to make a further determination that the rope is safe to use.

Inspection Records

Written records of wire rope inspection should be kept and should include:

- Name of the inspector
- Date of installation
- Date of inspection
- Identifying characteristics
- Address of installation
- Hours of service that the rope has been used.
- Type of use
- Results of both pre and post rental inspection
- Comments

For questions or comments, contact Customer Service at 1-800-560-CLIMB (2546) or customerservice@safeworks.com.