



NUMBER: B090R1128-0

DATE: APRIL 28, 1993

SUPERSEDES:

SERVICE BULLETIN

Effective Serial Number: All Units

Ride: All Rides

Subject: Cable Inspection

Reference Standards: OSHA 1926-550 Subpart N
Cranes, Derricks, Hoists, Elevators and Conveyors

ANSI B30.5
5-2.4.3 Rope Replacement
5-2.4.4 Rope Maintenance

Chance Rides, Inc. recognizes the above listed standards with regards to cables (wire rope) used for rigging, slings, and hoists for the purposes of setup and/or tear down of an amusement ride. It is further recognized that no precise rules can be given to determine the exact life expectancy of any given cable, due to the variables to which that cable may be subjected. Continued use of a cable depends on the judgment of the individual who is authorized to evaluate the cable.

Chance Rides, Inc. requires that prior to each setup or tear down of an amusement ride, that the owner's authorized representative inspect and evaluate all cables, specified in this bulletin. Cables specified in this bulletin must be replaced if any of the following conditions exists:

1. Six randomly distributed broken wires in one lay;
2. Three broken wires in any one strand in one lay;
3. Wear of one-third the original diameter of outside individual wires;
4. Physical damage such as kinking, crushing, bird caging, or any other damage resulting in distortion of the cable structure;
5. Damage due to heat of any kind: or

6. Reductions from the nominal cable diameter of more than any of the following:

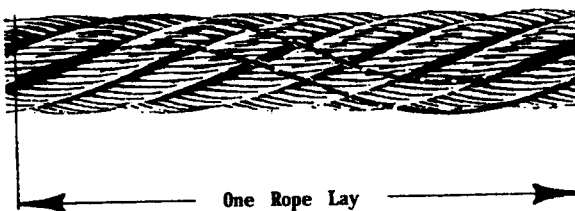
NOMINAL CABLE DIAMETER	MAXIMUM REDUCTION
5/16" AND SMALLER	1/64 OF AN INCH
- 1/2"	1/32 OF AN INCH
9/16 - 3/4"	3/64 OF AN INCH
7/8 - 1-1/8"	1/16 OF AN INCH
1-1/4 - 1-1/2"	3/32 OF AN INCH

All work must be performed by qualified personnel,, capable of understanding the function of the parts and their proper installation.

NOTICE

When it is deemed necessary to replace a cable, use only those components authorized, specified or provided by Chance Rides, Inc. If any alterations and/or modifications or additions and installations of unauthorized components are made to the original design without the manufacturer's explicit written consent or without direct supervision by a manufacturer's representative, Chance Rides, Inc. makes no claim as to the integrity of the altered or modified ride.

For inspection of drive cables or cables used to support the ride during operation refer to Chance Rides, Inc. Service Bulletin Number B090R1071-0.



"Lay" as a unit of measure

Cable Terms



Kinking



Crushing



Bird Caging