

## 6.

### Wire Rope Discard

6.1 Discard the wire rope in accordance with current Regulations and in accordance with the OEM's instruction manual.

**Note:** *The authorized competent person should also be familiar with the latest versions of ANSI, ASME, or ISO Standards. Other standards and instructions covering rope discard may also be applicable. In the case of synthetic sheaves (or synthetic linings) refer to the OEM's instruction manual or contact the sheave (or lining) manufacturer for specific discard criteria.*

6.2 If a wire rope is removed from service at a level of performance substantially different to historically established performance data and without any obvious reason(s), contact Bridon for further guidance.

6.3 Only qualified and experienced personnel, taking the appropriate safety precautions and wearing the appropriate protective clothing, should be responsible for removing the wire rope.

**Take particular care when removing ropes with mechanical damage as they may fail abruptly during the change-out procedure.**

Take the utmost care when removing 'exhausted/failed' ropes from drums and sheaves as they may be grossly distorted, lively and tightly coiled.

**Failure to take adequate precautions could result in injury.**

## 6.4

Store discarded rope in a safe and secure location or compound and ensure that it is suitably marked to identify it as rope which has been removed from service and not to be used again.

**Discarded rope can be a danger (e.g. protruding broken wires, excessive grease/lubricant and rope mass) to personnel and equipment if not handled correctly and safely during disposal.**

## 6.5

Record the date and reason for discard on the Certificate before filing for future reference.

6.6 Pay attention to any Regulations affecting the safe disposal of steel wire rope.