

BUCKINGHAM MFG.

OX Block Hand Line Inspection / Warnings



Note: Hardware may differ from that shown

Inspect Prior to each use: inspection should include but not be limited to the following:

Rope Inspection:

- Inspecting your rope should be a continuous process of observation before, during, and after each use.
- Inspect rope fibers for signs of excessive wear, burns, cuts, abrasions, kinks, knots, hockling, ice buildup, broken strands in any given area of the rope.
- Both outer and inner fibers contribute to the ropes strength. If either is worn, the rope will naturally be weakened. Open the rope strands and look for powdered fiber, which is one sign of internal rope wear.
- Inspect the rope for frayed strands and broken yarns. Check for pulled strands. A pulled strand should be re-threaded into the rope if possible, otherwise it may snag on a foreign object during use.
- Inconsistent texture or stiff areas can indicate excessive dirt or grit embedded in the rope or shock load damage. Check that rope has not become hard or compacted. A hard or compacted rope indicates reduced strength.
- Inconsistent diameter (flat areas, bumps, or lumps). This condition indicates core or internal damage from overloading or shock loading.
- With use, all ropes become dirty. Inspect for areas of discoloration that could have been caused by chemical contamination and may result in the rope becoming brittle or stiff.
- Glossy or glazed areas that generally indicate signs of heat damage.
- Rope, rope splicing, whipping is in place, rope stitching are free of defects, stitched eyes must have a protective cover (shrink tube) over the stitching and the cover must not be damaged, missing or torn.

See photos below for examples of a variety of conditions indicated above:



Rope with a Pulled Strand



Rope with Broken or Cut Strands



Melted / Glossy or Glazed Strands



Rope with Excessive Abrasion / Wear

Hardware:

- Inspect to ensure component is free of cracks, distortion, corrosion, or nicks.

OX Block:

- Refer to OX Block Instructions and Warnings

Warnings:

- Know the job and the regulations governing performance requirements and select the proper equipment.
- Read carefully, understand, and heed these and all other included instructions, warnings, and cautions before using this equipment. Failure to do so could result in your serious injury or death. If any evidence of wear or deterioration as outlined above is observed, immediately cease use, destroy the product, and replace it with new equipment. Should any unusual conditions not outlined above be observed, or you have reasonable doubt about a particular condition, remove the equipment from service and notify your Supervisor, Safety Director or contact Buckingham Manufacturing Co. at 1-800-937-2825.
- Do not overload the rope or the system.
- All affixed labels should be left in place and all instructional material kept for future reference.
- This equipment is intended for use by properly trained professionals only.
- Destroy any and all equipment subjected to impact loading.
- Avoid contact of this equipment with sharp edged or pointed tools, high temperature surfaces, welding or other heat sources.
- Only Buckingham Mfg. Co., or those authorized in writing by Buckingham Mfg. Co., may make repairs to this equipment.
- Product covered under these instructions / warnings should not be resold / redistributed or re-used after use by original user.

Cleaning / Storage Instructions:

A dirty product should be washed and rinsed in clean water, then dried. Do not store near solvents or corrosive chemicals or at extreme temperatures. Inspect your equipment carefully before use. This product should be stored in a clean and dry environment out of direct sunlight and away from extreme climate conditions. Ropes should be stored on racks or hooks to provide ventilation and should never be stored on concrete or dirt surfaces.

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