



Amusement Netting Preventative Maintenance

Please use this as a general guide to learn more about how to inspect and maintain your rope and netting systems to ensure continued safety and efficiency.

The next page has a **checklist** you may print and use in the field for daily or weekly inspections.

System Inspection Overview

Netting structures and associated hardware including cables and fasteners should be inspected by a competent person after installation and on a regular scheduled basis thereafter. It is good practice to keep a dated and signed maintenance log of each netting system to assure that all safety measures have been followed.

The system must be inspected following alterations, repairs, and impact loading. If any welding or cutting operations occur near the netting, weld protection must be provided for that area, and more frequent inspections should be conducted in proportion to the dangers involved.

Netting systems used in public spaces, theme parks, museums, zoos, etc. should be inspected on a daily and weekly basis.

- Daily inspection should include a quick visual of the netting to look for any obvious broken meshes or frays. Remove leaves, branches, or other litter that may have accumulated overnight.
- Weekly inspection should include every square foot of the net to find any broken cords, meshes, or related damage. Visually check and hand-test all hardware, cables, etc. All hardware should be in place with no substitutes. Document any fault with a photograph to help expedite repairs.

General Netting Inspection

Nets or hardware that show deterioration from mildew, wear, or stress that may affect their strength must be immediately removed from service for further inspection, repair, or disposal.

- Inspect the netting for broken mesh, cuts, pulls, fraying of material, and discoloration indicating material aging.
- Inspect all stitched net borders for fraying, cuts, and pulls.
- Inspect support cables for cuts, twists, kinks, fraying of strands, and corrosive rust.
- Inspect support hardware to assure fasteners are properly secured and that no pieces are missing.
- Look for damaging rust that may affect hardware strength or abrade the net.

Repairs

Field repairs and modifications may be done with guidance and materials from the manufacturer. Photographs are always the best way to convey the extent of a fault area. If replacement of a net panel or system is required, the manufacturer will determine the best method of replacement.

USE THE CHECKLIST ON THE NEXT PAGE



NETTING SYSTEM INSPECTION

Location/System Name: _____

Date: _____

Inspector Name: _____

INSPECTION POINTS

Weekly checks include all daily checks, in addition to weekly items.

NETTING & BORDERS

✓ OK

✗ NEEDS ATTENTION

DAILY (Quick Visual Check)	Broken mesh or cordage?	<input type="checkbox"/>	<input type="checkbox"/>	
	Fraying or pulled cords?	<input type="checkbox"/>	<input type="checkbox"/>	
	Discoloration or fading?	<input type="checkbox"/>	<input type="checkbox"/>	
	Cuts or other obvious damage?	<input type="checkbox"/>	<input type="checkbox"/>	
	Sagging or loose areas?	<input type="checkbox"/>	<input type="checkbox"/>	
	Presence of debris? (leaves / branches / litter)	<input type="checkbox"/>	<input type="checkbox"/>	
	Visible hardware damage?	<input type="checkbox"/>	<input type="checkbox"/>	
WEEKLY (FULL SYSTEM CHECK)	Border tension secure?	<input type="checkbox"/>	<input type="checkbox"/>	
	Fraying, cuts or pulling along borders?	<input type="checkbox"/>	<input type="checkbox"/>	
	SUPPORT CABLES & HARDWARE		✓ OK	✗ NEEDS ATTENTION
	Cable condition: cuts / twists / kinks / fraying / rust?	<input type="checkbox"/>	<input type="checkbox"/>	
	All hardware present? (no substitutions)	<input type="checkbox"/>	<input type="checkbox"/>	
	Fasteners properly secured?	<input type="checkbox"/>	<input type="checkbox"/>	
	Missing components?	<input type="checkbox"/>	<input type="checkbox"/>	
Rust present?	<input type="checkbox"/>	<input type="checkbox"/>		
Abrasion points / sharp edges present?	<input type="checkbox"/>	<input type="checkbox"/>		

- OVERALL CONDITION:** Safe for continued use
 Requires Repair/Replacement
 System should be removed from service

PHOTO DOCUMENTATION TAKEN? YES NO

ADDITIONAL COMMENTS:
