



RIGGING HOOKS – PERIODIC INSPECTION

1. Consolidated Nuclear Security, LLC (CNS) ID NO.: _____ 2. SIZE: _____

	Accept	Reject	N/A
3. Verify that the hook has the manufacturer's identification or trademark forged, cast, or die stamped on a low stress and non-wearing area of the hook.			
4. Visually inspect hooks and remove from service if any of the following conditions are identified:			
a) Distortion, such as bending or twisting Record actual measurement(s): _____			
b) Increased throat opening; > 5% or manufacturer's recommendation Record actual measurement(s): _____			
c) wear; > 10% or manufacturer's recommendation Record actual measurement(s): _____			
d) Cracks, nicks, or gouges;			
e) Evidence of heat damage;			
f) Improper latch engagement, missing latch, damaged or malfunctioning latch (if provided);			
g) Worn or damaged hook attachment and securing means;			
h) Damage from chemicals.			

5. Comments:

6. Inspector's Signature: _____

Date: _____

INSTRUCTIONS FOR COMPLETING RIGGING HOOKS PERIODIC INSPECTION

A qualified inspector shall complete the inspection form by filling in the blanks or placing a check mark in the appropriate column for each inspection item. This form provides a record of equipment condition in order to provide the basis for continuing evaluations.

1. Enter the Y-12 CNS equipment identification number.
2. Enter the rated capacity of the hook.
3. Review the manufacturer's markings and confirm that the information on the hook is legible and complete.
4. Inspect hooks and if any of the following conditions exist, the hooks shall be removed from service until repaired or replaced.
 - a) Bending or twisting exceeding 10 degrees (or as recommended by the manufacturer) from the plane of the unbent hook.
 - b) Distortion causing an increase in throat opening exceeding 15% at the narrowest point of the original measurement when the hook was new (or as recommended by the manufacturer).
 - c) Wear exceeding 10% (or as recommended by the manufacturer) of the original section dimension at the saddle of the hook or its load pin.
 - d) Cracks, nicks, and gouges.
 - e) Discoloration or other visible sign of heat damage.
 - f) Latch does not close the throat opening, seat properly, or rotate freely.
 - g) Hook attachments and securing means worn or damaged.
 - h) Hook is pitted or corroded due to chemical exposure.
5. Use this space to provide comments as appropriate. Use of this section is optional.

6. Review the inspection form and:

If acceptable, the hook may be placed in service.

If not acceptable, attach a **Defective Do Not Use** tag to the hook and remove from service.

Sign and date the inspection form.