



## SESAC DAILY LIFTING/RIGGING EQUIPMENT INSPECTION PROCEDURE

SESAC recognizes the importance of performing daily inspection of all lifting and rigging equipment used during steel erection. The following is a detailed procedure and schedule for maintaining safe erection equipment on each and every project. For the safety of employees and all other persons on a construction site, all employees are to strictly adhere to the following guidelines:

EQUIPMENT DESCRIPTION	INSPECTION PERIOD	METHOD OF INSPECTION
Wire Rope Slings	Before Each Use	Visually inspect each sling for kinks, burrs or crimps that would allow for unsafe performance. If deficiencies are found, immediately remove equipment from service and notify project superintendent.
Nylon Slings	Before Each Use	Visually inspect each sling for excessive wear (red fibers), tears, grease and/or dirt, and any other deficiencies. If deficiencies are found, immediately remove equipment from service and notify project superintendent.
Shackles	Before Each Use	Visually inspect the shackle for any cracks or depressions that may cause a safety hazard. Turn shackle pin to full extent prior to rigging to make sure shackle pin threads are not stripped. If deficiencies are found, immediately remove equipment from service and notify project superintendent.
Cable Clamps	Before Each Use	If installing new cable clamps to rigging, be sure to properly install clamp fully tightening the "saddle" end to the live side of the rope. When lifting/rigging with clamps previously installed, visually inspect the clamps for deficiencies and check tightness of clamp bolts. If deficiencies are found, immediately remove equipment from service and notify project superintendent.
Multiple Lift Hooks (Bull Tails)	Before Each Use	Superintendent to verify permission to rig multiple lifts on each project. If used, bull tails are to be inspected separately for crimps, kinks and other deficiencies before being placed on the main load hook for use. Always verify that the safety latch is operating properly on all hooks. If deficiencies are found, immediately remove equipment from service and notify project superintendent.
Street Hooks (Spreader Hooks)	Before Each Use	Spreader Hooks are to be visually inspected before attached to the main load hook for burs, crimps or kinks that will possible affect the safety of the lifting. Always verify that the safety latch is installed and operating properly on all hooks. If deficiencies are found, immediately remove equipment from service and notify project superintendent.

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Shake-Out hooks	Before Each Use	Visually inspect cable for crimps, kinks and other deficiencies. Always verify that the safety latch is installed and operating properly on all hooks. If deficiencies are found, immediately remove equipment from service and notify project superintendent. Shake-Out hooks not fitted with safety latches on both hooks are to be removed from service immediately.
Tag Lines	Daily	All tag lines should be inspected as they are removed from the gang box. Verify that all knots tying manilla rope and tag line hooks are properly fastened. Visually inspect the rope for frays, tears dirt and grease, or any other deficiencies. Replace worn rope sections and worn or rusted hooks as needed.
Grip Hoists	Before Each Use	If a grip hoist or come along is required to render a piece of rigging to proper alignment for erection, inspect the hoist for operatable safety latches and locks and verify there are no kinks or knots in the wire rope feed.
Misc Specialty Rigging	Before Each Use	If miscellaneous rigging equipment is needed for complex or large lifts, each piece of additional rigging should be independently inspection by a competent employee knowledgeable in the manufactureer's specifications. If such an employee is not present, no lifting or rigging shall be performed until the proper authority has inspected all of the rigging.

**NOTES:** - All rigging equipment attached to crane is to be inspected daily by the crane operator and included in the operators daily report.

- All employees are encouraged to STOP ALL WORK if any deficiencies or questionable issues occur before or during lifting procedures. Only the project superintendent or safety manager (if applicable), should allow work to progress after all necessary inspections and verifications have been performed.

- Employees who are uncertain of the proper methods of inspection of lifting and rigging are required to stop and ask a project foreman or project superintendent for assistance before performing any uncertain lifting or rigging.