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INSPECTION OF CONSTRUCTION CRANE

WELCOME!

This sample program is provided to assist you as an employer in developing programs tailored to your own operation. We encourage you to copy, expand, modify and customize this sample as necessary to accomplish this goal.

This document is provided as a compliance aid, but does not constitute a legal interpretation of OSHA Standards, nor does it replace the need to be familiar with, and follow, the actual OSHA Standards (including any North Carolina specific changes.) Though this document is intended to be consistent with OSHA Standards, if an area is considered by the reader to be inconsistent, the OSHA standard should be followed. Of course, we welcome your comments and feedback!

The North Carolina Department of Labor OSH Consultative Services Bureau can be contacted for further assistance such as helping you set up your individual program and even with on-site surveys. Feel free to contact us at 1-800-NCLABOR or at 919-807-2899. You may also want to visit our website at <http://www.nclabor.com/osha/consult/bcs1.htm>

Remember: A written safety/health program is only effective if it is put into place!

INSPECTION OF CRAWLER, TRUCK & LOCOMOTIVE CRANES

IN CONSTRUCTION (1926.550)

Date of Inspection: _____ Crane Manufacturer _____

Inspector: _____ Crane Serial # or Identifier _____

Any deficiencies shall be repaired or defective parts replaced before continued use:

YES NO

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Rated load capacities, operating speeds, special hazard warnings, instructions, and hand signals posted on equipment. |
| <input type="checkbox"/> | <input type="checkbox"/> | Instructions or warnings visible to operator while at control station. |
| <input type="checkbox"/> | <input type="checkbox"/> | A competent person inspects all machinery/equipment prior to each use, and during use, to make sure it is in safe operating condition. |
| <input type="checkbox"/> | <input type="checkbox"/> | Wire rope shall be taken out of service when: |
| | | 1. In running ropes: 6 randomly distributed broken wires per lay or 3 broken wires in one strand in one lay. |
| | | 2. Wear of 1/3 the original diameter of outside individual wires. |
| | | 3. Evidence of heat damage from any cause. |
| | | 4. Reduction in diameter of rope per 1926.550(a)(7)(iv). |
| | | 5. In standing ropes: > than 2 broken wires in 1 lay in sections beyond end connection or > than 1 broken wire at end connection. |
| <input type="checkbox"/> | <input type="checkbox"/> | All moving parts exposed to employee contact are guarded. |
| <input type="checkbox"/> | <input type="checkbox"/> | Swing radius of the rear of the rotating super structure barricaded. |
| <input type="checkbox"/> | <input type="checkbox"/> | Exhaust pipes guarded or insulated. |
| <input type="checkbox"/> | <input type="checkbox"/> | No visible distortion of window safety glass. |
| <input type="checkbox"/> | <input type="checkbox"/> | Guardrails, hand-holds and steps provided for easy access to car & cab. |
| <input type="checkbox"/> | <input type="checkbox"/> | Platform and walkways have antiskid surfaces. |
| <input type="checkbox"/> | <input type="checkbox"/> | Fire extinguisher accessible (5BC minimum) at all operator cabs/stations. |
| <input type="checkbox"/> | <input type="checkbox"/> | Crane operated clear of electrical lines. |
| <input type="checkbox"/> | <input type="checkbox"/> | No modifications or additions which affect the operating capacity or safe operation of the crane w/o manufacturer's written approval. |
| <input type="checkbox"/> | <input type="checkbox"/> | Employees kept clear of loads about to be lifted and suspended loads. |
| <input type="checkbox"/> | <input type="checkbox"/> | A thorough, annual inspection performed within the past 12 months? |

Other Conditions/Problems: _____

All crawler, truck or locomotive cranes shall meet the requirements for design, inspection, construction, testing, maintenance and operation per ANSI B30.5-1968.