

Program Profile Series

Number Sixteen



CRANE AND HOIST INSPECTION PROGRAM

SCOPE - All hoists, cranes and slings shall be inspected regularly and such inspections should be documented.

AUTHORITY/REFERENCE - OSHA 29 CFR 1910.179
OSHA 29 CFR 1910.184



ACCOUNTABILITY -All overhead and gantry cranes shall be inspected prior to initial use and at both frequent and periodic intervals. Records of all inspections should be maintained. Hooks and hoist chains shall be visually inspected daily and shall be given monthly inspections with a certification record. Periodically, complete inspections of the crane shall be performed. Thorough inspection procedures for slings and attachments will, with adequate records, assure that reliable components are being used and provide documented evidence of that fact. The inspection criteria are intended to be used to remove from service (for repair or replacement) slings which display unsafe conditions.

PROGRAM ELEMENTS - The program consists primarily of inspections for both cranes and hoists and industrial slings. Overhead cranes should be operated on the basis of clear hand signals only. Lateral travel, hoisting and lowering of loads should never proceed without a signal from the

person on the ground. Thereafter, the crane operator should only proceed after seeing that the area where the load is to be carried is clear. Loads should never be carried over personnel or left suspended and unattended. Approved hand signals should be posted in the crane cab and at conspicuous locations on the ground.

TRAINING - Training consists of identifying inspectors and informing operators of the requirements for daily inspections.

DEFINITIONS Frequent inspection - daily to monthly intervals
Periodic inspection - 1 to 12 month intervals

RESPONSIBILITY - Who is going to see that the program is developed and implemented including creating and conducting the training.