

TOOL TYPE **CHECKLIST**

LAST REVIEWED **011/4/13**

GEOGRAPHY **US**

SOURCE:
SANDIA LABS

CRANES INSPECTION CHECKLIST & TIMETABLE

THE PROBLEM: OSHA's Overhead and Gantry Cranes standard ([Sec. 1910.179\(i\)](#)) requires manufacturers and other operations subject to the OSHA General Industry standards that use cranes to move materials at their worksite to conduct inspections of cranes and crane equipment at periodic intervals. you better be sure you comply with).

HOW TOOL HELPS SOLVE THE PROBLEM: Here's a Checklist you can adapt and use to perform a self-assessment and ensure you comply with OSHA crane inspection requirements.

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CRANES INSPECTION CHECKLIST & TIMETABLE

INSTRUCTIONS: *You should be able to answer YES to each listed measure. For any item to which you answer NO, attach an explanation and a description of any corrective action taken to address the situation.*

MATERIALS HANDLING SAFETY PROGRAM REVIEW			
DAILY: TASKS TO COMPLETE EVERY DAY			
Task	Yes	No	Comment
Inspect all functional operating mechanisms of overhead cranes for maladjustment interfering with operations			
Inspect cranes for deterioration or leakage in lines, tanks, valves, drain pumps and other parts of air or hydraulic systems			
Visually inspect crane hooks with deformations or cracks			
Visually inspect hoist chains of cranes, including end connections, for wear, twist, distorted links that interfere with proper function or stretching beyond manufacturer's recommendation			
MONTHLY: TASKS TO COMPLETE EVERY MONTH			
TASK	YES	NO	COMMENTS
Completely inspect (beyond visual) hoist chains of cranes, including end connections,			

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<p>for wear, twist, distorted links that interfere with proper function or stretching beyond manufacturer's recommendation and make a written record listing:</p> <ul style="list-style-type: none"> • Date of inspection • Signature of inspector • Identifier of chain inspected 			
<p>Completely inspect (beyond visual) crane hooks with cracks and deformations, and make a written record listing:</p> <ul style="list-style-type: none"> • Date of inspection • Signature of inspector • Identifier of hook inspected 			
<p>Inspect crane/derrick ropes and rope reeving for excessive wear and noncompliance with manufacturer's recommendations , and make a written record listing:</p> <ul style="list-style-type: none"> • Date of inspection • Signature of inspector • Identifier of ropes inspected 			

MONTHLY: TASKS TO COMPLETE ONLY IF TRIGGERS OCCUR: Have Any of the Following Things Happened in the Past Month:			
TRIGGER	YES	NO	RESPONSE CHECKLIST, IF YES
<p>New cranes were introduced to the workplace or significant alterations were made to existing ones</p>			<p><input type="checkbox"/> Conduct initial inspection of new/altered crane before putting it into service</p> <p><input type="checkbox"/> Provide training to affected personnel in new/altered crane</p> <p>Comments:</p>

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A crane that's been idle for more than 1 month but less than 6 months is to be placed into service			<input type="checkbox"/> Inspect crane before putting it into service Comments:
Concerns about current Program expressed by employees, supervisors, safety committee, etc.			<input type="checkbox"/> Were concerns thoroughly investigated? <input type="checkbox"/> Did investigation find anything to suggest employees are at increased risk? IF YES: Review the adequacy of current: <input type="checkbox"/> Hazard assessment <input type="checkbox"/> Safe work procedures <input type="checkbox"/> Equipment & installations Comments:

SEMI-ANNUAL: TASKS TO COMPLETE EVERY 6 MONTHS

TASK	YES	NO	COMMENTS
Inspect standby crane(s)			

ANNUAL: TASKS TO COMPLETE AT LEAST EVERY 12 MONTHS

TASK	YES	NO	COMMENTS
Inspect cranes for loose bolts or rivets			
Inspect cranes for cracked or worn sheaves and drums			

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Inspect cranes for worn, cracked or distorted parts, e.g., pins, bearings, locking/clamping devices			
Inspect cranes for excessive wear on brake system parts, linings, pawls and ratchets			
Check load, wind and other crane indicators over their full range for significant inaccuracies			
Inspect gas, diesel, electric or other powerplants of cranes for improper performance or noncompliance with safety requirements			
Inspect cranes for excessive wear of drive sprockets and chain stretch			
Inspect electrical apparatus for pitting or deterioration of controller contactors, limit switches and pushbutton stations			
Thoroughly inspect alloy steel chain and other slings			

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