

Regulatory Expectations, Enforcement, & Initiatives A MMS Perspective

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Minerals Management Service



MMS's Expectation

Clean and Safe Operations



Minerals Management Service



Chronology of Crane Requirements on Fixed Platforms

- Revised Subpart 'A' - effective January 27, 2000
- MMS incorporates API RP 2D 4th Ed. April 24, 2000
- GOMR Crane Inspection PINC List effective June 2000



Chronology of Crane Requirements on Fixed Platforms

- MMS issues NTL 2000-N04 effective
September 15, 2000
- GOMR Rigger requirements effective
April 01, 2001



Rigging and Material Handling PINCs

- G190 - Do only qualified personnel perform rigging operations?
- Expectation - **All** personnel involved in rigging operations must be trained in rigging practices as per the 4th edition of RP 2D.



Rigging and Material Handling PINCs

- G191 - Whenever there is any doubt as to safety, does the crane operator stop and refuse to handle loads or continue operations as safety dictates?
- Expectation - Crane operators should use sound judgment and discretion when conducting operations.



Rigging and Material Handling PINCs

- G192 - Are procedures for personnel transfer performed in accordance with recommended practices?
- Procedures/Expectations - Positive locking hooks, approved type personnel carrier, appropriate PPE, proper procedures.



Rigging and Material Handling PINCs

- G193 - Are slings of all type, grade, and construction identified as required?
- Procedure/Expectation - All slings must be equipped with an identification tag which includes the manufacturer, working load limits, proof test certification number, length, diameter and date of proof test.



Rigging and Material Handling PINCs

- G194 - Are slings properly stored when not in use?
- Procedure/Expectation - All slings must be stored off the deck away from extreme heat and corrosive chemicals. Slings can be stored in a rack, cabinet, or hung off the handrail.



Crane PINCs

- G202 - Are cranes operated only by qualified personnel?
- Procedure/Expectation - The crane operator meets the requirements of 2D, trainees under direct supervision of qualified operator, & maintenance personnel.



Crane PINCs

- G204 - Are proper crane operating practices for attaching and moving the load being utilized?
- Procedure/Expectation - Ensure that all safe practices and procedures are followed when attaching and moving loads.



Crane PINCs

- G205 - Have manufacturer's recommendations been included in establishing all inspection requirements?
- Procedure/Expectation - Operators use manufacturers recommendation when developing inspection requirements.



Crane PINCs

- G206 - Have new or relocated cranes received an initial inspection by a qualified inspector?
- Procedure/Expectation - New or relocated cranes shall receive an initial inspection by a qualified crane inspector with records maintained for two years.



Crane PINCs

- G207 - Have pre-use inspections been performed prior to use (typically daily) by a qualified crane operator/inspector with records maintained?
- Procedure/Expectation - All cranes shall have a pre-use inspection conducted, recorded, & record maintained in the field for two years.



Crane PINCs

- G208 - Have monthly inspections been performed by a qualified operator/inspector with records readily available for two years?
- Procedure/Expectation - Applies to heavy usage cranes (50 hours/month). Inspection must be performed by qualified personnel and records must include date, time, and name of person performing inspection.



Crane PINCs

- G209 - Have quarterly inspections been performed by a qualified crane inspector with records readily available for two years?
- Procedure/Expectation - Applies to moderate and heavy usage cranes. Inspection must be performed by qualified personnel and records must include date, time, and name of person performing inspection.



Crane PINCs

- G210 - Have annual inspections been performed by a qualified crane inspector with records readily available for two years?
- Procedure/Expectation - Applies to all cranes regardless of usage category. Inspection must be performed by qualified personnel and records must include date, time, and name of person performing inspection



Crane PINCs

- G211 - Is the correct load rating chart for the crane configuration at the primary control station?
- Procedure/Expectation - Chart posted, visible and correct.



Crane PINCs

- G216 - Are written reports on load tests prepared by a qualified crane inspector showing load test procedures and results when load tests are required?
- Procedure/Expectation - The load test reports shall be maintained on newly installed cranes/permanently relocated cranes, temporary/rental cranes after each rig up and repairs not in accordance with 2D.



Crane PINCs

- G217 - Are written reports maintained confirming adequacy of repairs or alterations?
- Procedure/Expectation - Reports must ensure and reflect that repairs are in accordance with 2D



Crane PINCs

- G218 - Has a preventative maintenance program been established with records readily available for two years?
- Procedure/Expectation - Program should consider crane type, frequency use, history, and manufacturer's recommendations for preventative maintenance.



Crane PINCs

- G220 - Are cranes which are positioned in the proximity of helidecks or approach/takeoff zones not operated during helicopter operations?
- Procedure/Expectation - Crane boom will be positioned and secured against swinging so there will be no interference with flight operations.



Crane PINCs

- G221 - Is there a fire extinguisher of appropriate size and type kept in the cab or vicinity of the crane?
- Procedure/Expectation - All cranes be equipped with at least a 10 pound BC class extinguisher.



Crane PINCs

- G223 - Are crane inspectors qualified?
- Procedure/Expectation - A qualified crane operator, with both experience and formal training in crane maintenance, troubleshooting, hoist overhaul and troubleshooting, and knowledge in structurally critical components. This person must be designated by the employer.



Crane PINCs

- G224 - If deficiencies that impair safe operations are known, is the crane taken out of service or its operation restricted to eliminate the unsafe condition?
- Procedure/Expectation - Limited can continue provided deficiencies are documented, cautionary notices posted and the crane is not operated outside of those limitations.



Crane PINCs

- G225 - Have static and dynamic load rating charts been established for all cranes?
- Procedure/Expectation - All cranes have both static and dynamic load rating charts that accurately reflect the lifting capacity of the crane.



Crane PINCs

- G226 - Are repairs or replacements of critical components made promptly?
- Procedure/Expectation - All repairs are performed promptly in accordance with 2D.



Crane PINCs

- G227 - Has a wire rope inspection program been established?
- Procedure/Expectation - Program that takes into consideration crane type, frequency of usage, history of maintenance, wire rope manufacturer's recommendation and crane manufacturer's recommendation.



Thank You

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