Crane Inspection Checklist

Safety during crane operation is the practice of ensuring the safety of workers and visitors. Crane inspections can help promote crane safety by proactively identifying risks and hazards that can lead to accidents and fatalities.

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| --- | --- | --- | --- | --- |
| **Pre-operation**  | **Yes** | **No** | **N/A** | **Comments** |
| 1. Crane is registered and permitted to be used in

operations  |  |  |  |  |
| 1. Operator is in good condition and is competent to perform the work
 |  |  |  |  |
| 1. Operating and emergency controls are in place
 |  |  |  |  |
| 1. Wire ropes are free from damages
 |  |  |  |  |
| 1. Brakes are in a good condition
 |  |  |  |  |
| 1. Safety switches and interlocks, including limiting and indicating devices were properly installed
 |   |   |  |  |
| 1. Structure has undergone visual inspection
 |  |  |  |  |
| 1. Loading capacity is suitable for materials to be lifted
 |  |  |  |  |
| 1. Workplace condition is free from hazards
 |  |  |  |  |
| 1. Lifting components have all required markings
 |  |  |  |  |
| 1. All activities are supervised by a competent person
 |   |   |   |  |
| 1. Edge protection systems are in place
 |   |   |   |  |
| 1. Travel restraints systems are in place
 |  |  |  |  |
| 1. Fall-arrest harness systems are in place
 |  |  |  |  |
| 1. Proper PPE is worn by workers at all times
 |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. Components are assembled in the correct sequence
 |  |  |  |  |
| **Job In-Progress**  | **Yes** | **No** | **N/A** | **Comments** |
| 1. Radio communication, including dedicated radio frequency, equipment checks, clear and constant-talk communication and procedures for loss of signal were implemented
 |  |  |  |  |
| 1. Proper hand signals are being used
 |  |  |  |  |
| 1. Crane has load indicating device for overloading
 |  |  |  |  |
| 1. Crane has motion indicator to avoid moving outside radius
 |  |  |  |  |
| 1. Lifting gear is adequate capacity, it is in good condition and marked with relevant information
 |  |  |  |  |
| 1. Access to the crane cabin is safe
 |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Post job**  | **Yes** | **No** | **N/A** | **Comments** |
| 1. The crane is secured to prevent unauthorized use before leaving.
 |  |  |  |  |
| 1. Load was removed from the hook
 |  |  |  |  |
| 1. Hook was raised to a safe and proper position
 |   |   |   |  |
| 1. Powered motions are all disabled
 |  |  |  |  |
| 1. Keys are removed from the crane
 |   |   |   |  |
| 1. Crane boom is left weathervane where there is no risk of the boom contacting other structures
 |  |  |  |  |
| 1. Operator cabin is locked
 |  |  |  |  |
| **Administrative** | **Yes** | **No** | **N/A** | **Comments** |
| 1. Have there been any changes in federal or state regulations?
 |  |  |  |  |
| 1. Are hearing loss prevention program’s policies modified to reflect changes?
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| --- | --- | --- | --- | --- |
| 1. Does the company have copies of its policies and guidelines on hearing loss prevention available in the offices where the programs are implemented?
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| 1. Implementers of the hearing loss prevention program are aware of the company's policies and guidelines?
 |  |  |  |  |
| 1. Do those implementing the program elements comply with the policies and guidelines?
 |  |  |  |  |
| 1. Is the necessary material and supply ordered as soon as possible?
 |  |  |  |  |
| 1. Is the performance of key personnel evaluated on a regular basis?
 |  |  |  |  |
| 1. Does the company take steps to correct the performance of key personnel if it finds that it is not acceptable?
 |  |  |  |  |