

Testing of Lifting Equipment (Mobile Crane) as Per Legal Requirements

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Abstract: *This article presents essential inspection and load test methodology for mobile cranes to guarantee safe and efficient operation. It stresses the importance of comprehensive evaluations of various crane parts, such as wire ropes, hydraulic cylinders, and the superstructure, to detect signs of wear, corrosion, and damage.*

In summary, the document acts as a thorough reference for Crane Users and maintenance staff, ensuring legal compliance with all safety protocols and that cranes function within safe limits, thus reducing the likelihood of accidents, and improving the Safety of well-being of all stakeholders and property.

This article comprises best inspection and testing methodologies based on Indian legislation (BoCW Act, 1996 & The Factories Act, 1948), Bureau of Indian Standard (BIS), the International Organisation for Standardization (ISO) and British Standard (BS)..

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