

# SOTOSAFETY CRANE & LIFTING Inc.

Orlando – Florida (USA)

“Overseeing Safety in the Lifting Industry”

## Mobile Crane Inspector Training



*This program covers a broad spectrum of mobile crane inspection according OSHA and ASME requirements. Participants will learn how to safely and effectively inspect your specific mobile crane and related components.*

*This training is suitable for operators, supervisors and all personnel involved in safety of mobile crane operations and lifting equipment. The program is applicable to several types of mobile cranes.*

For more information visit our Web Site:

<http://sotosafety.jimdo.com>

USA OFFICE  
15049 Montesino Drive  
Orlando – FL – USA 32828  
albertosoto@sotosafety.com  
Phone: 1 – (407) 694 2512



COLOMBIA OFFICE  
mmontes@sotosafety.com  
Phone: (57) 314 258 97 66  
Office Phone: (57) 1 - 8141312  
Bogotá - Colombia

# Mobile Crane Inspector Training

This training has been developed to address the applicable ASME Standards and OSHA Regulations. The program consisting of a comprehensive in-class training and testing session followed by a customized hands-on instruction and evaluation session. The program covers a broad spectrum of mobile crane inspection, operation and rigging, focusing on those particular to your operation. Participants will learn how to safely and effectively inspect your specific mobile crane and related components. This program is suitable for operators, supervisors and all personnel involved in safety of overhead lifting equipment. The training is applicable several types of mobile cranes and lifting devices.

## TRAINING CONTENT

- The Need for inspection and inspection intervals
- Requirements According to American Regulations and Standards
- How to read and apply OSHA & ASME standards
- Inspector Qualifications
- Lockout / Blockout
- Load chart interpretation & Load Testing. Solving capacity questions
- Safe operating practices
- Tools used in Inspections
- Types of Cranes
- Mobile Crane Terminology
- Crane Condition
- Inspection of various components required by federal regulations and standards
- Consensus standards and manufacturer requirements
- Pre-Operational Inspection
- Determining Crane Capacity
- Operational Limitations
- Site Access and Usability
- Suitability and Quality of Supporting Surface
- Site Hazards and Restrictions
- Proper Use of Mats, Cribbing, and Outriggers or Crawlers
- Verifying the Weight of the Load
- Lift Plans
- Operator Aids
- Working Load Limit
- Operating in Various Weather Conditions
- Hand Signals
- Load Control and Use of Tag Lines
- Two-Blocking, Power Lines, Public Protection
- Accidents and Causes
- Proper Communication between Work Crew
- Emergency Response Procedures
- Transporting the Crane and its Components
- Shutdown
- Rigging basics
- Types of Nondestructive Testing
- Inspector's Checklist
- Information presented on inspection forms



The training is for 4 days. 2 days in class session and 2 day in a customized hands-on session on site at your location. The participants are required to successfully complete a written test, and they are evaluated on their practical knowledge, ensuring they fully understand the training they received. they must achieve a minimum of 85% on both sessions for successful completion.

## Program includes:

- In-class instruction
- Rigging Manual
- Inspection Checklist
- Practical operating instruction and evaluation
- Written examination
- Certificates (for participants with 85% passing score on both written and practical tests)



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15049 Montesino Drive  
Orlando – FL – USA 32828  
admin@sotosafety.com  
J. Albert Soto (CEO)  
1 – (407) 694 2512

## COLOMBIA OFFICE

Bogotá D.C.  
Eng. Mauricio Montes  
Executive Manager Operations  
mmontes@sotosafety.com  
(57) – 314 258 97 66  
(57) 1 - 8141312

