



# SITE ASSESSMENTS

## FOR OSHA / ASME COMPLIANCE

### PURPOSE:

The purpose of a site assessment is to systematically observe and record your lifting and rigging procedures, equipment, and records. This is not an inspection, rather a general assessment by which opportunities for improvement may be identified. The assessment is based on the applicable ASME standards, as well as “best practices” observed by our company in over 70 years of experience in the lifting and rigging industry.

If you’re looking for help getting started, give us a call and we can help you implement a course of action to improve the safety, efficiency, and compliance of your lifting and rigging equipment and practices.

### 1. TRAINING

- 1.1 Records, methods, content, and retention. Review of training records for those performing lifting and rigging activities.
- 1.2 Is there a structured training program in place for lifting, rigging and crane operation? Does it include care, use and inspection? Is the information current? What is the format for this training? Are all users of cranes and lifting equipment trained?
- 1.3 What is the frequency of the training? Is the training being done in the time specified?
- 1.4 When questioning personnel, is there evidence that they retained the information that was trained?
- 1.5 Additional concerns, comments or requests.

### 2. MAINTENANCE

- 2.1 Review of records and procedures for inspecting overhead cranes, crane cables, slings, rigging hardware, and below-the-hook devices.
- 2.2 Review copies of latest inspections — daily, periodic, and annual. Are they up to date? Are they thorough? Are they clear as to what inspections were done and the results of the inspection?

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- 2.3 Are there preventative maintenance procedures in place?
- 2.4 Review frequency of cable changes or other critical components. Does the frequency coincide with the use of the crane, hoist, sling or lifting device?
- 2.5 Review criteria for changing critical or wear components.
- 2.6 Do records related to the cost of inspection, maintenance and repair of lifting and rigging equipment exist? If so, are they decreasing, relatively stable or escalating?
- 2.7 Are the inspections, maintenance or repairs subcontracted? Are the expectations of the subcontractor documented? Are their records reviewing the performance of the subcontractor?
- 2.8 Review crane data sheets; main and auxiliary hoist data, wire rope description, and other pertinent data. Are the data sheets an accurate description of the equipment?
- 2.9 Additional concerns, comments or requests.

### 3. PURCHASING AND INVENTORY

- 3.1 What is the procedure for purchasing and repair of lifting and rigging products?
- 3.2 What is the process for selecting vendors / manufacturers of lifting and rigging products? Are performance measurements taken for vendors / manufacturers of lifting and rigging equipment?
- 3.3 How are the inventory levels of lifting and rigging products determined?
- 3.4 Are critical items identified that may result in production delays or stoppages? Is there a system in place to ensure these critical items are available? Is there a clear process for any emergencies pertaining to outages of critical items?

- 3.5 Are suppliers required to have backup or ready stock for critical components? How are the stocking levels of the vendor confirmed?
- 3.6 Identify the most frequently used and purchased lifting and rigging products. Can you identify any method of use, protection or product substitution that would result in less use, repair, or overall costs of these items?
- 3.7 Additional concerns, comments or requests.

### 4. APPLICATION AND FACILITY REVIEW

- 4.1 Review repetitive lifting processes and applications. Do the rigging procedures appear to be sound? If not, explain.
- 4.2 Review each area and note lifting device, equipment and method of lift. Do the methods appear efficient? Does the equipment appear to be sound and in good order? Do they appear to meet the applicable ASME standards? Do the records of inspection reflect your findings?
- 4.3 Are there any lifting or handling applications that may be an opportunity for ergonomic improvements?
- 4.4 Review storage of slings and below-the-hook devices: Are the storage areas and methods clean, organized and properly illuminated? Is the lifting and rigging equipment readily available to those who use them?
- 4.5 Is the lifting and rigging equipment in storage properly tagged? Are there items in the lifting and rigging storage areas tagged "do not use" or in need of repair or discarding?
- 4.6 Are rigging guidelines and inspection criteria and capacity charts readily available to those who use them?
- 4.7 Are there documented rigging procedures available?
- 4.8 Additional concerns, comments or requests.



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