

CRANE AND HOIST SAFETY – INSTRUCTOR NOTES

Training Objectives

Review general crane and hoist safety and how to inspect and operate the lifting equipment used in your facility

Before Training

- Read the OSHA standards and the model Crane and Hoist Safety Program
- Understand the following:
 - This is an overview program. Students need hands on instruction and oversight from an individual who is qualified by education, experience and/or training to provide instruction and eventual authorization to operate cranes and hoists without direct supervision
 - This program places all facility cranes and hoists into one program for training, inspection and maintenance
 - This program is primarily designed for facilities that use cranes as an incidental part of their business. Heavy manufacturing facilities or facilities where cranes are used in severe duty may need more detailed procedures and training
- Have examples of cranes and hoists available for students to work with
- Allow the employee to review written manufacturer manuals and operator directions for cranes and hoists

Introduction for Training

- Begin by stressing the overall importance of safety in your facility
- Review with students that cranes and hoist can cause injury to the operator as well as others in the area
- Give examples of facility use of cranes and hoists
- As a ground breaker, you can ask employees what experiences they have had with cranes and hoists in past jobs

General Guidelines

- Stress the importance of the bullet points on these slides
- Stress the importance of the individual employee being committed to his/her own safety
- Be sure to be open to questions or comments
- Have specific examples where cranes and hoists are used in your facility. Someone that is familiar with the safe operation of this equipment must cover the following:
 - Verifying the weight of the load
 - Proper rigging and slinging
 - Pre-use crane and hoist inspection
 - Use of crane controls
 - Hazards of crane use
 - Traveling with the load

Conclusion

- Review the importance of safety in your facility
- Review the handout for further training

Student Exercise

- Have the students practice with hoists and cranes and demonstrate their proficiency