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| **Topic:** Materials Handling | **Sub Topic:** Rigging Equipment Safety |
| **Duration:** 1 Hour | **Resources:** [**Materials Handling Hoist Collapse**](https://www.osha.gov/sites/default/files/publications/OSHA3718.pdf) |
| **Equipment:**     * Heavy Leather Gloves * Heavy Cotton Gloves * Wire rope * Synthetic Slings | **Videos:**    Sling Inspections by LiftAll  <https://youtu.be/D7qRjOCLApc> |
| **Topic Description:**  This lecture covers rigging equipment safety.  Special emphasis will be placed on work practice controls and inspections.  **Learning Outcomes:**  Upon successful completion of this lecture, students will be able to:   * Identify the OSHA standard addressing rigging equipment * Describe the various types of rigging equipment * Describe the obvious hazards associated improper rigging techniques or practices * List five precautions that should be taken when working with slings * Distinguish between a engineering control and work practice control in rigging safety   **Activity:**    Step 1         Students partner in groups of 2-4 to determine the appropriate standard for each precaution associated with sling safety  Step 2    Students identify potential standards that will apply to rigging safety  Step 3         Student groups to associate a hazard with precaution or identified standard  Step 4         Have students critique the effectiveness of listed sling safety precautions identified in the OSHA publication on Material Handling. | |