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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 safetyStep 2    Students identify potential standards that will apply to rigging safetyStep 3         Student groups to associate a hazard with precaution or identified standardStep 4         Have students critique the effectiveness of listed sling safety precautions identified in the OSHA publication on Material Handling. |