Hoist and Auxiliary Equipment

DIRECTIONS:
• Do the best you can to answer the questions in each section.
• If you don't understand the question or don't know the answer, just put a question mark or other mark next to the question.
• If a whole section does not apply (e.g., you don’t have that type of equipment) just mark it out with a slash.
• Contact Environmental Health and Safety (EH&S) (nph4@cornell.edu; 255-8200) or CALS Occupational and Environmental Health (OEH) (eh22@cornell.edu; 255-0485) if you really get stuck.

1. Is each overhead electric hoist equipped with a limit device to stop the hoist travel at its highest and lowest point of safe travel? □ □ □

2. Will each hoist automatically stop and hold any load up to 125% of its rated load, if its actuating force is removed? □ □ □

3. Is the rated load of each hoist legibly marked and visible to the operator? □ □ □

4. Are stops provided at the safe limits of travel for a trolley hoist? □ □ □

5. Are the controls of the hoist plainly marked to indicate the direction of travel or motion? □ □ □

6. Are close-fitting guards or other suitable devices installed on hoists to assure hoist ropes will be maintained in the sheave grooves? □ □ □

7. Are all hoist chains or ropes of sufficient length to handle the full range of movement of the application while still maintaining two full wraps on the drum at all times? □ □ □

8. Are nip points or contact points between hoist ropes and sheaves which are permanently located within 7 feet of the floor, ground, or working platform, guarded? □ □ □

9. Is it prohibited to use chains or rope slings that are kinked or twisted? □ □ □

10. Is it prohibited to use the hoist rope or chain wrapped around the load as a substitute for a sling? □ □ □

11. Is the operator instructed to avoid carrying loads over people? □ □ □

12. Are hoists and slings regularly inspected for defects? □ □ □

13. Are only employees who have been trained in the proper use of hoists allowed to operate them? □ □ □

Comments: