



Introduction to Safety – Unit Two: Hazard Awareness and Communications

Lab 1: Facility Hazard Inspection

Student Name: _____

Description of Topic

- Accidents in the workplace, such as slips and falls, result in over \$6 billion annually in Workman's Compensation costs across the United States. Many of these injuries are preventable if potential hazards are identified and removed. Employers should develop a facility checklist to identify hazards, such as stairs with the wrong dimensions, improper drainage, guard rails that are not large enough, etc. Whenever hazards are identified, some types of engineering controls (redesign/rebuild a physical structure or workstation) should be implemented, or employers should be trained on the hazards that exist so that they can avoid being injured by them.

Materials Required

- Facility Checklist (Supplied by the instructor)
- Map of the college showing the route to inspect

Objective

- The student will use a facility checklist while conducting an inspection of a building in a manufacturing setting, or on a college campus.

Lab Assignment

- If you are employed by a manufacturing company, request that the safety director at your company take you on a tour at the facility. Together, fill out the checklist provided by your instructor.
- If you are a student and not employed at a manufacturing plant, ask your instructor to provide a route map of the college. While following the designated path, record your observations on the facility checklist document.
- Submit the inspection checklist when you have completed the inspection.





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Grading Rubric

Below is an example of a rubric to implement when evaluating the performance of individual students for each of the laboratory exercises.

	Excellent 5 pts	Good 4 pts	Fair 3 pts	Poor 2 pts	Unacceptable 1 pts	Grade Received (N/A)
Ability to Follow Directions	Excellent Followed directions to the letter.	Good Followed directions.	Fair Moderately followed directions.	Poor Did not follow directions.	Unacceptable Did not appear concerned with directions.	Grade Received
Demonstrate Knowledge of Tools	Excellent Student knows and is able to identify and explain necessary tools for completion of the project.	Good Student is able to identify and explain necessary tools for completion of the project with some assistance.	Fair Student is unable to identify or use tools without major prompting.	Poor Student is not able to both identify and use tools.	Unacceptable Student's use of tools posed a danger to self and others.	Grade Received
Level of Needed Assistance	Excellent Student was able to complete the task without assistance.	Good Student was able to complete the task with little assistance.	Fair Student was able to complete the task with moderate assistance.	Poor Student was unable to complete task without major assistance.	Unacceptable Student was unable to complete task with assistance.	Grade Received





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	Excellent 5 pts	Good 4 pts	Fair 3 pts	Poor 2 pts	Unacceptable 1 pts	Grade Received (N/A)
Student Preparedness	Excellent Student had/gathered all materials and was completely ready to go to work.	Good Student had/gathered most materials and went to work.	Fair Student had/gathered most materials, however, they needed excess time to do so.	Poor Student did not have/gather some of the needed materials to perform work.	Unacceptable Student did not have/gather the needed materials and was unable to perform work.	Grade Received
Time Management	Excellent Routinely used time well throughout the project to get the job done on time.	Good Used time fairly well throughout the project.	Fair Procrastinated somewhat but did get the job done on time.	Poor Was unable to adequately meet timeline due to inability.	Unacceptable Did not meet timeline due to procrastination or wasting time.	Grade Received





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