

Module 1 Hazards Overview

Part A Group Activity – Hazard Mapping

Hazard maps can be used to identify possible risks in various operations and processes. Developing a hazard map can facilitate group interaction and recognition of hazards.

1. First develop a hypothetical steel fabrication shop or steel service center. Briefly decide what the shop does, scale of operation etc.
2. *Next on the provided 24" x 36" General Process Flow Map of a steel fabrication shop, indicate the key equipment used at each of the material handling steps.*
3. *Mark equipment using the blue or green markers provided.*
4. *Then complete the Part A portion of the Hazard Mapping Reporting Template provided.*

If time permits we will have 1-3 groups report on their hazard map. So appoint a spokesperson in case you need to present your map.

We will have a "Spell Free Zone" which means you do not have to worry too much about spelling.

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Part B Group Activity – Hazard Mapping

- *On your Hazard Map from Part A of the Group Hazard Mapping Exercise indicate the process areas in the plant with potential risk of “caught between and struck by” injuries.*
- *Indicate on the map with a word or phrase what the risk is.*
- *Use the Red or Orange markers*
- *Indicate for each risk whether the risk is High, Moderate or Low with an H, M, or L.*
- *Then complete the Part B portion of the Hazard Mapping Reporting Template provided.*

If time permits we will have 1-3 groups report on their hazard map. So appoint a spokesperson in case you need to present your map.

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