



Hazard Index Risk Analysis

Company: _____ Job Task: _____ Date: _____ Performed by: _____

	Y/N	Hazard Source	Hazard Severity	Hazard Probability	Hazard Duration	Hazard Index	Appropriate PPE	Comments (Identify Hazards and Controls)
Eye & Face Protection Exposed to fl _____ particles, potential to injuries such as punctures, contusions or burns. Exposed to liquid chemicals, acids/caustic liquids, chemical gases or vapors or potentially harmful light radiation								
<i>Note: In addition to wearing a face shield, the use of safety glasses/goggles is required.</i>								
Head Protection Potential for injury from a fl _____ or falling object or overhead hazards. Hazardous chemicals are present Exposure to electric shock, burns or electrical conductors Potential to get caught in objects or equipment								
Foot Protection Potential for foot injury due to an object piercing the sole of the shoe Potential for falling or rolling objects to impact the foot Floor surfaces are slippery								
Hand Protection Hands are exposed to hazardous substances, chemical burns or harmful temperature extremes Potential for hand injuries from cuts, lacerations or punctures								
Body Protection Exposed to harmful materials, chemicals, extreme temperatures or a source of cuts, lacerations or punctures								

Refer to the next page Hazard Index Risk Model Criteria for checklist completion

PPE Hazard Assessment certified by (Signature): _____

Risk Model Criteria

Assessing basic hazards, exposure sources, and then calculating the Hazard Probability, Duration and Severity and if there is a need for Personal Protective Equipment.

Example: Hazard Index Calculation: Severity(4) + Probability(4) + Duration(3) = 11*

***PPE is required. Engineering modifications are strongly recommended where feasible.**

Hazard Severity	
Critical May cause debilitating injury, illness or fatality <i>E.g.: amputations, broken bones, fractures, concussions</i>	4
Significant May cause severe injury or illness <i>E.g.: stitches, sutures, lacerations, severe rashes, second-degree burns and eye injuries</i>	3
Marginal May cause minor injury or illness <i>E.g.: general first aid, abrasions</i>	2
Negligible Probably would not affect personnel or may cause minor first aid visit	1
Hazard Index Classification	
PPE is required.	9 to 12
PPE is strongly recommended.	6 to 8
PPE may not be necessary.	3 to 5

Hazard Probability	
Likely to Occur	4
Probably Will Occur	3
May Occur	2
Unlikely to Occur	1

Hazard Duration	
Continuous Throughout entire shift	4
Routine Several times throughout a shift	3
Periodic Intermittent exposure	2
Sporadic Less than intermittent	1

Hazard Sources Examples

- Motion
- Extreme Temperatures
- Acids, Caustics, Oils
- Solvents, Reactants
- Dust and Fibers
- Flying Objects
- Light Radiation
- Falling Objects
- Sharp Objects
- Rolling Hazards
- Pinching Hazards
- Electricity