**Examples of Common Hazards**

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| **Hazard** | **Potential Harm** |
| Electricity | Potential ignition source. Exposure to live electrical wires can cause shock, burns or death from electrocution. |
| Noise | Exposure to loud noise can cause permanent hearing damage. |
| Mechanical | Being hit by moving vehicles, or being caught by moving parts of machinery can cause fractures, bruises, lacerations, dislocations, permanent injuries or death. |
| Vibration | White finger syndrome, muscular skeletal disorders. |
| Gravity | Falling objects, falls, slips and trips of people can cause fractures, bruises, lacerations, dislocations, concussion, permanent injuries or death. |
| Hazardous Manual Tasks/Ergonomics | Overexertion or repetitive movement can cause muscular strain. |
| Pressure | Explosions, burns, fire. |
| Hazardous chemicals | Chemicals (such as acids, hydrocarbons, heavy metals) and dusts (such as asbestos and silica) can cause respiratory illnesses, cancers or dermatitis. |
| Fire | 1st, 2nd, 3rd degree burns, property damage, death. |
| Extreme temperatures | Heat can cause burns, heat stroke or fatigue. Cold can cause hypothermia or frost bite. |
| Radiation | Ultra violet, welding arc flashes, micro waves and lasers can cause burns, cancer or blindness. |
| Biological | Micro-organisms can cause hepatitis, legionnaires’ disease, Q fever, HIV/AIDS or allergies. |
| Psychosocial hazards | Effects of work-related stress, bullying, violence and work-related fatigue. |