

HSW-I01 Hazard and Risk Register

| | | |
|----------------------------------|--|-------------------------------------|
| Area / Faculty / Division | | Assessment date |
| Assessor/s | | Last review date |
| Register sign off* | | Formal review scheduled for: |

| Hazard | Risk Description | Consequence | Likelihood |
|--------|------------------|-------------|----------------|
| | | Moderate | Rare |
| | | Extreme | Unlikely |
| | | Moderate | Almost certain |
| | | Extreme | Rare |
| | | Major | Almost certain |
| aa | | | |

1-Sep-2021

| Inherent risk rating | Preventative Controls |
|----------------------|-----------------------|
| Low | |
| Medium | |
| High | |
| Medium | |
| Critical | |
| | |

| Recovery Controls | Consequence2 | Likelihood2 |
|-------------------|--------------|----------------|
| | Negligible | Rare |
| | Major | Possible |
| | Moderate | Almost certain |
| | Major | Unlikely |
| | Extreme | Likely |
| | | |

| Residual risk rating | Review date | Additional Controls to be implemented |
|----------------------|-------------|---------------------------------------|
| Low | 1-Sep-23 | |
| Medium | 1-Sep-22 | |
| High | 1-Oct-21 | |
| Medium | 1-Sep-22 | |
| Critical | 2-Sep-21 | |
| | | |

| Person/s responsible | Implementation Date | Notes / Comments |
|----------------------|---------------------|------------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| Status (i.e. completed / uncompleted) |
|---------------------------------------|
| Completed |
| |
| Completed |
| |
| |
| |

| | | | Potential consequences | | | | |
|----------------------|----------------|--|------------------------|--------|----------|----------|----------|
| | | | Negligible | Minor | Moderate | Major | Extreme |
| POTENTIAL LIKELIHOOD | Almost certain | | Medium | Medium | High | Critical | Critical |
| | Likely | | Low | Medium | Medium | High | Critical |
| | Possible | | Low | Low | Medium | Medium | High |
| | Unlikely | | Low | Low | Low | Medium | Medium |
| | Rare | | Low | Low | Low | Low | Medium |

Potential Likelihood

- Rare
- Unlikely
- Possible
- Likely
- Almost certain

Potential Consequences

- Negligible
- Minor
- Moderate
- Major
- Extreme

Potential Consequence

| Ranking | Injury, illness or disease | Plant equipment and materials |
|------------|--|---|
| Extreme | Fatality/fatalities or permanent disability. Unable to work | Destroyed or cannot be reused |
| Major | Requiring extensive medical treatment, admitted to hospital, lost time injury (LTI) > 1 week | Damage requiring repairs/rebuild and possible recertification prior to reuse, lost use for one or more days |
| Moderate | Hospital outpatient, LTI < 1 week and can return to normal duties | Damage requiring a repair/service by a trade/technician within the day |
| Minor | Medical treatment from a healthcare professional | Equipment able to be reset or gotten back into operation by the operator |
| Negligible | Report only, no injury or first aid (e.g., band-aid), short-term discomfort | Report only, no damage |

Likelihood

| Ranking | Probability/frequency of event occurring | Probability / frequency of event occurring | Probability/frequency of event occurring |
|----------------|---|--|--|
| Almost certain | The hazard is expected to occur in most circumstances at the University | 1 in 10 Event occurs once in every 10 operations or activities | A daily to monthly occurrence |
| Likely | The hazard could occur in most circumstances at the University | 1 in 10–100 Event occurs once in every 10–100 operations or activities | Between monthly to yearly occurrence |
| Possible | The hazard has occurred at some time at the University | 1 in 100–1,000 Event occurs once in every 100–1,000 operations or activities | Occurs once between 1 to 5 years |
| Unlikely | The hazard could occur at some time | 1 in 1,000–10,000 Event occurs once in every 1,000–10,000 operations or activities | Occurs once between 5 to 20 years |
| Rare | The hazard may only occur in | 1 in 10,000–100,000 | Occurs once 20+ years |

| | | | |
|--|------------------------------|--|--|
| | exceptional circumstances | Event occurs once in every > 100,000 operations or activities | |
| | | | |

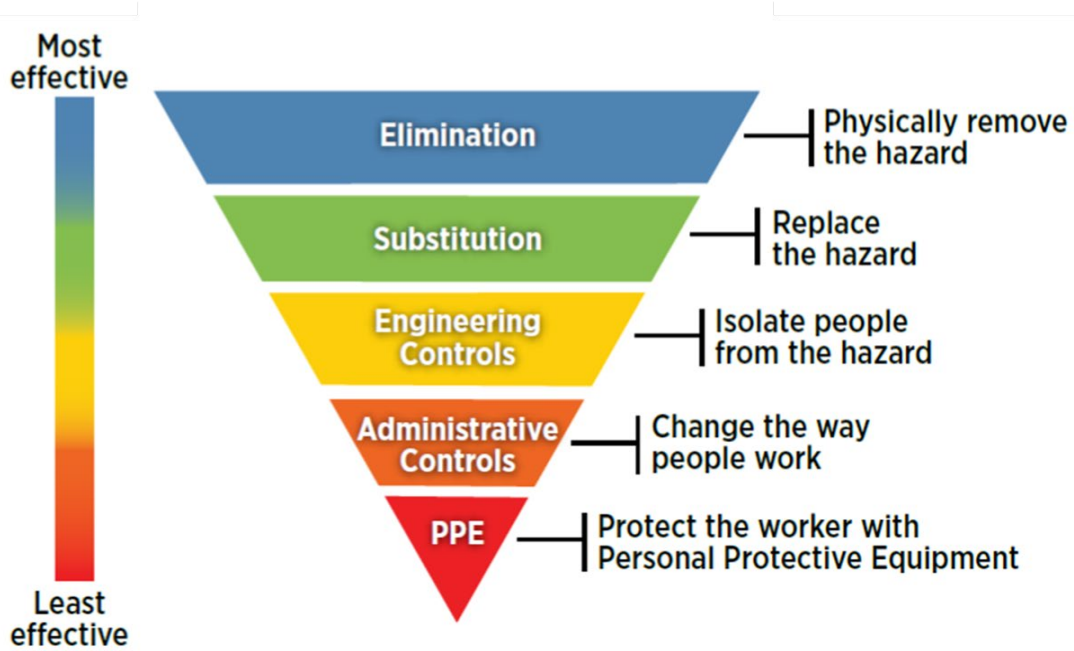


Figure 1. Safety Hierarchy adopted from NIOSH (2016)