### General Safety Requirements

1. **Helmets:** Always mandatory, regardless of the environment.
2. **Safety Vests:** Required in areas with potential vehicle traffic or low visibility.
3. **Safety Goggles:** Mandatory when handling heavy machinery or working with chemicals or dust.
4. **Gloves:** Required when handling hazardous materials, sharp objects, or chemicals.
5. **Proper Footwear:** Steel-toed boots are essential for protection against falling objects.
6. **Harnesses:** Mandatory when working at heights, especially if the work area is uneven or slippery.
7. **Ear Protection:** Required in areas with high noise levels, such as construction sites or industrial facilities.

### Contextual Considerations

* **Lighting Conditions:**
  + **Low Light:** Ensure adequate lighting is provided to prevent accidents.
  + **Bright Light:** While generally safer, glare can be a concern. Consider sunglasses or polarized lenses if necessary.
* **Weather Conditions:**
  + **Rain:** Ensure appropriate footwear and clothing to prevent slips and falls.
  + **Wind:** Secure loose objects to prevent them from becoming projectiles.
  + **Extreme Temperatures:** Provide appropriate clothing and breaks to prevent heat-related or cold-related illnesses.
* **Work Area Conditions:**
  + **Obstacles:** Clear the work area of any potential hazards, such as debris or equipment.
  + **Slippery Surfaces:** Take appropriate precautions, such as using non-slip mats or applying de-icing agents.
  + **Confined Spaces:** Ensure proper ventilation and safety procedures are followed.
* **Task-Specific Requirements:**
  + **Electrical Work:** Follow electrical safety guidelines and use appropriate tools.
  + **Welding:** Wear appropriate protective gear, including welding helmets and gloves.
  + **Hazardous Materials Handling:** Follow specific safety protocols for the materials being handled.