

Personal Protective Equipment – Eye Protection

Eye protection is a critical component of personal protective equipment (PPE) in NCC T&D operations, particularly in environments where workers are exposed to physical, chemical, electrical, or biological hazards. Proper eye protection minimizes the risk of injuries from flying debris, chemical splashes, intense light, or electrical arcs.

Key Responsibilities

NCC T&D Management Must:

- Ensure hazards are controlled at the source whenever possible, recognizing that PPE is a secondary line of defense.
- Provide suitable eye protection for all tasks involving potential eye hazards.
- Educate and train employees on the correct use, maintenance, and limitations of eye protection.
- Ensure PPE is properly fitted and consistently used in designated areas.
- Conduct regular inspections and replace damaged or defective eye protection.

Workers Must:

- Wear the assigned eye protection at all times in designated areas.
- Inspect PPE before use and report any damage or defects.
- Follow training guidelines to use PPE correctly.
- Maintain PPE in good condition and store it properly after use.

Types of Eye Protection

Selecting the right eye protection depends on the specific work hazards:

- Safety Spectacles – Impact-resistant lenses for general protection.
- Goggles – Provide a secure seal against dust, liquids, or chemical splashes.
- Face Shields – Protect against high-impact hazards, electrical arcs, and intense heat but must be worn with safety spectacles or goggles for full protection.

Additional Considerations for NCC T&D Projects

- Electrical Work: Use arc-rated face shields and safety glasses where electrical flash hazards exist.
- High-Risk Tasks: Require additional PPE such as full-face respirators when handling hazardous substances.
- Site-Specific Requirements: Follow client-specific PPE standards based on project needs.

Key Takeaways

- Proper Selection: Choose the right eye protection for the task.
- Training & Awareness: Workers must understand PPE use and limitations.
- Enforcement: PPE use must be strictly followed at all required locations.
- Maintenance: Regularly inspect and replace damaged eye protection.

For more information, refer to NCC T&D's relevant IMS procedures or consult our HSE Department for expert guidance and training resources.