

Personal Protective Equipment – Foot Protection

Foot protection is a critical component of personal protective equipment (PPE) in NCC T&D operations, especially in environments where workers face risks from heavy objects, sharp materials, electrical hazards, or chemical exposure. Proper protective footwear reduces the likelihood of foot injuries and enhances overall workplace safety.

Key Responsibilities

NCC T&D Management Must:

- Ensure that hazards are controlled at the source, recognizing that PPE is a secondary line of defense.
- Provide guidance on selecting appropriate safety footwear based on job-specific risks.
- Educate and train employees on the proper use, maintenance, and limitations of protective footwear.
- Ensure all workers wear protective footwear at all times in designated areas.
- Conduct regular inspections to verify compliance and replace damaged or inadequate footwear.

Workers Must:

- Wear approved safety footwear at all times in required work areas.
- Inspect footwear before use and report any defects or damage.
- Follow training guidelines on proper footwear use and maintenance.
- Ensure footwear is well-maintained, clean, and in good condition.

Foot Protection Requirements

All safety footwear used in NCC T&D operations must meet the following minimum standards:

- Toe Protection: Must include a reinforced toe cap to resist impact forces.
- Puncture-Resistant Sole: Designed to prevent injuries from sharp objects.
- Slip Resistance: Outsole must provide traction to prevent slips and falls.
- Electrical Protection: Insulated footwear is required when working near live electrical components.
- Heat & Chemical Resistance: Specialized footwear must be used for high-temperature or chemical exposure tasks.

Additional Considerations for NCC T&D Projects

- Electrical Work: Non-conductive, dielectric footwear must be used when working with electrical hazards.
- Heavy Equipment Areas: Metatarsal guards may be required to provide extra protection.
- Extreme Conditions: Heat-resistant or cold-weather boots should be used based on environmental factors.
- Client-Specific Standards: Workers must comply with project-specific PPE requirements set by clients.

Key Takeaways

- Proper Selection: Choose the right safety footwear based on work hazards.
- Training & Awareness: Workers must understand the importance of protective footwear.
- Enforcement: Foot protection must be worn at all times in designated areas.
- Maintenance: Regularly inspect, clean, and replace worn-out safety footwear.

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