ALGONQUIN COLLEGE | Occupational Health and Safety

Occupational Health and Safety System	
PPE Standard: Head Protection	**Version:** 4
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Purpose

The purpose of this standard is to establish the minimum requirements for the selection, use, inspection, maintenance, and replacement of protective headwear at Algonquin College. This standard shall be read in conjunction with the Personal Protective Equipment (PPE) Program **PPE-01**.

Requirements

General

- Workers shall wear CSA-certified protective headwear whenever a hazard assessment identifies a risk of head injury
- Protective headwear shall be appropriate for the hazards associated with the work being performed
- Protective headwear shall be worn correctly and remain secured while the hazard exists

Selection

- Protective headwear shall comply with the current edition of *CSA Z94.1 – Industrial Protective Headwear*.
- Head protection shall be selected based on the identified hazards, including impact, electrical, environmental, and work-specific risks
- Supervisors shall ensure workers are provided with appropriate protective headwear for the work being performed

Types of Head Protection

- **Type 1 helmet:** provides protection from impacts to the top of the head
- **Type 2 helmet:** provides protection from impacts to both the top and sides of the head
- **Class E helmet:** provides dielectric protection where electrical hazards exist
- **Class G helmet:** provide limited electrical protection for general use
- **Class C helmet:** provides impact protection but **not** electrical protection

Use, Inspection, and Care

- Protective headwear shall be inspected before each use
- Helmets with cracks, dents, damaged suspension systems, excessive wear, or signs of deterioration shall be removed from service immediately
- Head protection shall be maintained, cleaned, and stored in accordance with the manufacturer's instructions
- Components shall not be interchanged unless approved by the manufacturer

Modifications

- Protective headwear shall not be modified in any manner that may reduce its protective performance
- Holes shall not be drilled in helmets
- Paints, adhesives, or unapproved decals shall not be applied unless specifically permitted by the manufacturer
- Accessories, including chin straps, face shields, hearing protection, and lighting systems, shall be compatible with the protective headwear and approved by the manufacturer
- Chin straps shall be worn where there is a risk that protective headwear may become displaced during work activities

References

- Occupational Health and Safety Act
- Regulation 851 – Industrial Establishments
- CSA Z94.1 – Industrial Protective Headwear
- AC PPE Program PPE-01

Related Documents

- AC PPE Program PPE-01
- Electrical Safety Program (where applicable)
- Hazard Assessment Procedure
- Incident Reporting Procedure