

DATE: March 2, 2004
TO: Safety Committee
FROM: Jim Neary
SUBJECT: Head Protection for Electrical and Impact Hazards

All head protection is designed to provide protection from impact and penetration hazards caused by falling objects. Head protection is also available which provides protection from electric shock and burn. When selecting head protection, knowledge of potential electrical hazards is important.

- **Class A helmets**, in addition to impact and penetration resistance; provide electrical protection from low-voltage conductors (they are proof-tested to 2,200 volts).
- **Class B helmets**, in addition to impact and penetration resistance; provide electrical protection from high-voltage conductors (they are proof-tested to 20,000 volts).
- **Class C helmets** provide impact and penetration resistance (they are usually made of aluminum which conducts electricity) and should not be used around electrical hazards.