

Personal Protective Equipment 120: Hard Hats

When working around electrical hazards, it is important to have the proper hard hat for the job. According to ToolingU, hard hats are classified by electrical insulation rating.

- Class C hard hats provide no protection from electrical hazards.
- Class G hard hats provide voltage protection up to 2200 volts.
- Class E hard hats provide the highest level of protection against voltage, up to 20,000 volts.

EXERCISES:

1. a. What is the ratio of voltage protection for the Class E hard hat compared to the Class G hard hat?

b. How many times more protection does the Class E hard hat provide compared to the Class G hard hat?

2. a. If an employee is required to work around 10,000 volts of electricity, what classification of hard hat meets safety standards?

b. How many times more protection than the 10,000 volts does the Class E hard hat provide?



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