

## ILLUMINATION A BASIC UNDERSTANDING OF THE ILLUMINATION STANDARD



Help prevent avoidable injuries by inspecting your work areas for the proper lighting requirements.

### REQUIREMENTS FOR TEMPORARY LIGHTS

- Lights shall be equipped with guards to prevent accidental contact with the bulb (excludes guards that are not required when the construction of the reflector is such that the bulb is deeply recessed).
- Temporary lights shall be equipped with heavy duty electric cords with connections and insulation maintained in safe condition. Example: nicks, wear, exposed conductors, etc. Temporary lights shall not be suspended by their electric cords. String lights are designed for this means and suspension.
- Splices which have insulation equal to that of the cable are permitted.
- Cords shall be kept clear of working spaces and walkways or other locations in which they are readily exposed to damage or wear or could cause a trip hazard.
- Exposed non-current-carrying metal parts of temporary lights furnished by the employer shall be grounded either through a third wire in the cable containing the circuit conductors or through a separate wire which is grounded at the source of the current.

### THINGS YOU SHOULD DO IN THE WORKPLACE:

- Arrange temporary lighting stringers in a way that does not overload branch circuits. Each branch current must be equipped with over current protection of capacity not exceeding the rated current carrying capacity of the cord used.

### THINGS YOU SHOULD NOT DO IN THE WORKPLACE:

- Do Not permit employees to enter dark holds, compartments, decks or other spaces without a flashlight or other portable light.
- Do Not use matches or open flames.



## REVIEW QUESTIONS

1) It is okay to briefly use a match or an open flame in a dark area to set up a temporary light system.

a) True

b) False: Do not use matches or open flames in a dark area. Flashlights or other portable lights are acceptable.

2) Name two requirements for temporary lights?

a) Lights shall be equipped with guards to prevent accidental contact with the bulb

b) Lights shall not be suspended by their electric cords

c) Lights do not need to have any bulb protection if in open areas

d) Both A & B

3) Cords shall be kept clear of working spaces and walkways or other locations in which they are readily exposed to damage or wear.

a) True

b) False

Talk Given By: \_\_\_\_\_ Date: \_\_\_\_\_

Company: \_\_\_\_\_ Location: \_\_\_\_\_

**Printed Name**

**Signature**

Printed Name	Signature

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