



ILLUMINATION SAFETY POLICY

Some job site that Tate has been contracted to work at may have less than sufficient lighting. This policy is to encourage awareness and promote safe work procedures for employees who may find they are working in a low light area at a client site.

GENERAL LIGHTING REQUIREMENTS

As a rule, generalized lighting should be evenly distributed through the workplace, without gaps, so that workers can comfortably see and move throughout the workplace without straining their eyes.

Clients are required to meet lighting requirements set forth in the OSHA regulatory standard 1926.56.

The standard applies to construction areas, ramps, runways, corridors, offices, shops, and storage areas. They shall be lighted to not less than the minimum illumination intensities listed in Table D-3 while any work is in progress by Tate Employees. OSHA provides candle-feet breakdowns for various types of work as follows:

WHAT IS A FOOT CANDLE

First, you should understand what a foot candle is, as this is OSHA's preferred unit of measurement. A foot-candle is the most common unit of measurement used by lighting professionals. It refers to the illuminance of one square-foot surface from a uniform source of light.

TABLE D-3 - MINIMUM ILLUMINATION INTENSITIES IN FOOT-CANDLES

| Foot-Candles | Area of Operation |
|--------------|--|
| 5..... | General construction area lighting. |
| 3..... | General construction areas, concrete placement, excavation and waste areas, access ways, active, storage areas, loading platforms, refueling, and field maintenance areas. |
| 5..... | Indoors: warehouses, corridors, hallways, and exit ways. |
| 5..... | Tunnels, shafts, and general underground work areas: (Exception: minimum of 10 foot-candles is required at tunnel and shaft heading during drilling, mucking, and scaling.) |
| 10..... | General construction plant and shops (e.g., batch, plants, screening plants, mechanical and electrical equipment rooms, carpenter shops, rigging lofts and active storerooms, mess halls, and indoor toilets and workrooms.) |
| 30..... | First aid stations, infirmaries, and offices. |



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INSTALLATION REQUIREMENTS FOR ADDITIONAL LIGHT ON CLIENT SITE

OSHA standard 1910.305 governs installation requirements for lighting implements for the client site. Unless otherwise specified, the rules set out for permanent light fixtures also apply to temporary fixtures brought to the site by Tate Employees.

- Any grounding conductors should be safely grounded where necessary.
- No wiring systems of any kind should be installed in ducts used to transport dust or flammable vapors.
- A GFCI shall be used to plug in any lighting source brought to a client site to aid Tate Technicians
- Cords shall be routed away from walking and work areas and or suspended above walking and working areas as able.
- Hard Hat lights, standing temporary lights, and flashlights are available to all Technicians and can be sourced through the Branch Manager.