

WEEKLY SAFETY MEETING

FOR THE CONSTRUCTION INDUSTRY

 SAFETY MEETING OUTLINES Box 700, Frankfort, IL 60423 815-464-0200 Vol. 22 No. 42 Week of 10/18/2021

Company Name _____ Job Name _____ Date _____

LET THERE BE LIGHT

Today's meeting topic covers something we frequently take for granted: lighting. From pouring that first cup of coffee in the morning, to reading the newspaper after work, we depend on light. In almost every case, our jobs are much easier, and safer, if we can clearly see what we're doing. Proper lighting is very important to both your comfort and your safety.

You need to have enough light to do your job. OSHA requires proper lighting in construction areas, shops, and storage areas while any work is in progress. In the standards, OSHA refers to lighting as illumination. Illumination is measured in units called foot-candles. A **foot-candle** is equal to the amount of light thrown by a source of one candela on a square foot of a surface facing directly toward the source. To make precise illumination measurements, you need a light meter. Practically speaking, you can think of one foot-candle as approximately the amount of illumination produced by a plumber's candle at a distance of one foot, or about the amount of light a carpenter needs to read his tape measure from one foot away.

Table D-3 in the Illumination Standard 29 CFR 1926.56(a) specifies the Minimum Illumination Intensities in foot-candles:

Foot-candles	Work Area
5	General construction area lighting
3	General construction areas, concrete placement, excavation, waste areas, access ways, active storage areas, loading platforms, refueling and field maintenance areas
5	Indoor warehouses, corridors, hallways, and exitways
5	Tunnels, shafts, and general underground work areas
10	General construction plant and shops (e.g. batch plants, screening plants, mechanical and electrical equipment rooms, or carpenter shops)
30	First aid stations, infirmaries, and offices

Now that you know the requirements, be sure you have enough lighting in your area. Lack of proper illumination or an unlighted area may create an unsafe condition or tripping hazard. Before starting out, check it out. Make sure you have enough light!

SAFETY REMINDER

**A single lighting unit that burns out
may leave you in total darkness.
Make sure that you have back-up lighting.**

Special Topics For Your Project _____

Employee Safety Recommendations _____

Reviewed MSDS # _____ Subject _____

Meeting Attended By _____

Supervisor's Signature _____