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Subchapter 7. General Industry Safety Orders
Group 2. Safe Practices and Personal Protection
Article 7. Miscellaneous Safe Practices

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3317. Illumination.

(a) Working areas, stairways, aisles, passageways, work benches and machines shall be provided with either natural or artificial illumination which is adequate and suitable to provide a reasonably safe place of employment. Minimum illumination levels for safety alone are listed for various typical areas in Table IL-1. (Title 24, Part 2, Section 512, Table 5-C.)

TABLE IL-1

MINIMUM LEVELS OF ILLUMINATION FOR SAFETY

Hazards Requiring Visual Detection	Slight		High	
Normal Activity Level	Low	High	Low	High
Areas	Storage Yards	Loading Areas	Elevators	Engine Rooms
	Offices	Warehouses	Stairways	
Processing Area	Locker Rooms	Corridors	Assembly Areas	Machine Shop
		Washrooms	Layout Areas	Sheet Metal Works
		Spray Booths		
Woodworking Shops		Inspection		
Footcandles	0.5	1.0	2.0	5.0

NOTE: (1) To assure these levels at all times, higher initial levels need to be provided to compensate for their depreciation due to the decrease of light output of lamps with age and to the accumulation of dirt on lamps and room surfaces.(2) For areas or operations not covered above, and for recommended illumination levels for efficient visual performance in varied tasks and areas, refer to , ANSI/IES RP-7-1991, Practice for Industrial Lighting and ANSI/IES RP-1-1993, Practice for Office Lighting.(Title 24, Part 2, Section 512, Table 5-C)

(b) When adequate natural illumination or permanent artificial illumination cannot be made available to secure the safety of employees, suitable portable lights shall be provided.

(c) Skylights, side windows, lamps, and other light accessories which provide necessary illumination shall be kept

sufficiently clean, adjusted, and repaired so as not to impair the illumination required for the safety of employees.

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code; and Section 18943(c), Health and Safety Code.

HISTORY

1. Amendment of subsection (a) filed 11-28-75; effective thirtieth day thereafter (Register 75, No. 48).

2. Amendment filed 7-16-76; effective thirtieth day thereafter (Register 76, No. 29).

3. Editorial correction filed 10-7-83; effective thirtieth day thereafter (Register 83, No. 41).

4. Amendment of subsection (a) and footnotes to Table filed 2-11-99; operative 3-13-99 (Register 99, No. 7).

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