



TOOLBOX

SAFETY TRAINING

Company _____ Location _____ Date _____

Vol 29 - No 7 ELECTRICAL LINES & VEHICULAR TRAFFIC

On construction sites, electricity will need to be available for workers to run such items as power tools and electrical lighting. OSHA has some specific rules for protecting workers and material suppliers who will be driving onto the job site from accidentally coming into contact with electrical lines. These lines can either be buried or raised off the ground, preventing contact with vehicles that might drive into them. If they are raised off the ground, they must have the appropriate clearance for the type of traffic that will be passing under them.

The following are the regulation height for various traffic:

1926.404(c) Outside conductors and lamps -

(1) 600 volts, nominal, or less. Paragraphs (c)(1)(i) through (c)(1)(iv) of this section apply to branch circuit, feeder, and service conductors rated 600 volts, nominal, or less and run outdoors as open conductors.

(ii) Clearance from ground. Open conductors shall conform to the following minimum clearances:

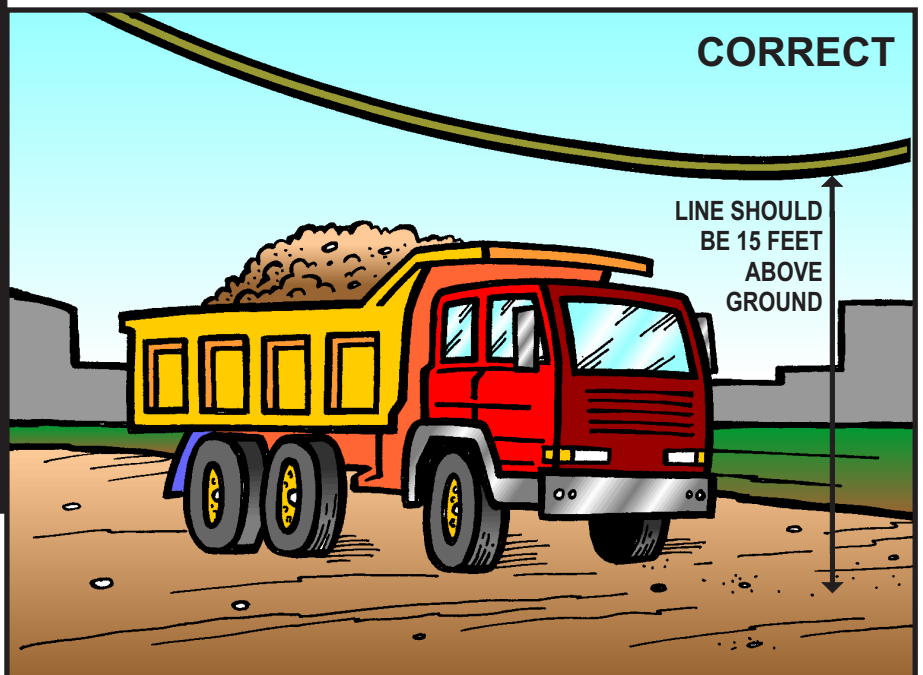
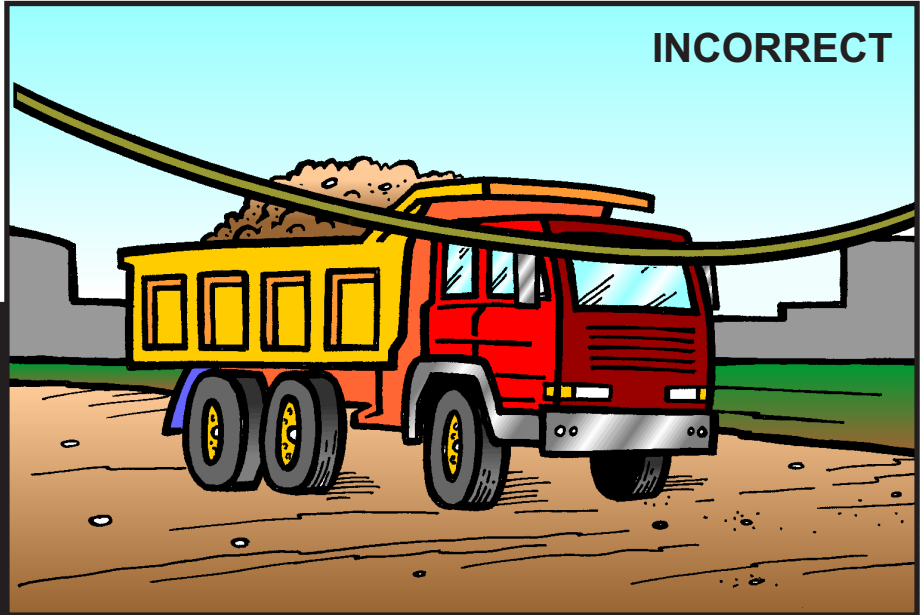
[A] 10 feet -- above finished grade, sidewalks, or from any platform or projection from which they might be reached.

[B] 12 feet -- over areas subject to vehicular traffic other than truck traffic.

[C] 15 feet -- over areas other than those specified in paragraph (c)(1)(ii)(D) of this section that are subject to truck traffic.

[D] 18 feet -- over public streets, alleys, roads, and driveways.

So anticipate the type of traffic you can expect and pick the height of clearance you will need to do the job safely.





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