



Safety Message of the Day for IMEA Members



Lightning Safety Message

Did you know that about 25 million cloud-to-ground lightning strikes occur in the United States each year or that construction work has the second highest fatality rate for lightning strikes? Lightning can strike as far as 25 miles away from its parent storm; so if you hear thunder, you are within striking distance! According to the National Weather Service, only about 10% of people struck by lightning are actually killed. The other 90% must live with discomfort and disability, sometimes for the rest of their lives.

OSHA requires that employers adequately train all workers on lightning safety. Training should be provided for each outdoor worksite so that supervisors and workers know in advance where a worksite's safe shelters are and the time it takes to reach them. Employers should train supervisors and workers to provide lightning safety warnings in sufficient time for everyone to reach a worksite's safe shelters and take other appropriate precautions.

Watch for dark clouds and increased wind; or if you hear thunder, it's time to seek shelter. Other safety measures include:

- Avoid leaning against cars, fences, gates, construction equipment, or trees. Avoid standing on scaffolding or metal ladders as each of these items may be energized if struck by lightning.
- Refrain from touching concrete surfaces. Lightning can travel through the metal wires or bars in concrete walls and flooring.
- If inside a vehicle, roll up the windows and avoid contact with any conducting paths leading to the outside of the vehicle (e.g. metal surfaces, ignition, and portable electronic devices plugged in for charging).