



Toolbox Safety Talks

High Voltage

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- 1) What are the hazards involved with high voltage?
 - a. Electrocution resulting in serious injury or death

- 2) What hazards should you look for before working near high voltage?
 - a. PPE
 - b. Training
 - c. Rated tools
 - d. Body positioning
 - e. Lockout/Tagout

- 3) What safe practices should be used when working near high voltage?
 - a. Always wear safety shoes with nonconductive soles
 - b. Always wear headgear insulated to withstand 20,000 volts
 - c. Wear voltage-rated insulated gloves covered by leather gloves to protect against piercing
 - d. Wear clothing that is NOT made of synthetic materials (e.g., polyester, rayon, or nylon); these can melt and cause severe burns
 - e. Always remove any jewelry that can be conductive
 - f. Never exceed your limits of knowledge and training
 - g. Set up barricades to keep non-qualified personnel away from the work site
 - h. Use only properly rated tools
 - i. Always stand to the side when opening or closing any electrical disconnect
 - j. Check blue prints and naming configurations to determine voltage levels and places of live wires
 - k. Always be sure to de-energize a unit if possible and use Lockout/Tagout
 - l. Always use a test meter to confirm that there is no power
 - m. Always install grounding conductors, where applicable

- 4) Who on our site is trained and certified to work with high voltage?
- 5) Do we have proper PPE for working with high voltage?
- 6) Can someone explain our lockout/tagout procedures
- 7) Has anyone had an accident or near-miss while working with high voltage?



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Make Time for Safety, Everyday! – Yes, production is important, *but the focus must be on Safe Production!* Keep that in the back of your mind. Don't take risky chances and stay out of harm's way. Nobody goes to work thinking *'I'm going to get hurt or killed on the job, today!'* But every day 15,000-17,000 workers suffer disabling injuries on the job and another 11-17 are killed. ***What are you doing to make sure it doesn't happen on your shift?***

Keep stoking the fire; we can't let the 'Safety Train' run out of steam!

Date Presented: _____

Presented By: _____

Attendance Sheet
