

Wood Dust Explosion Hazard

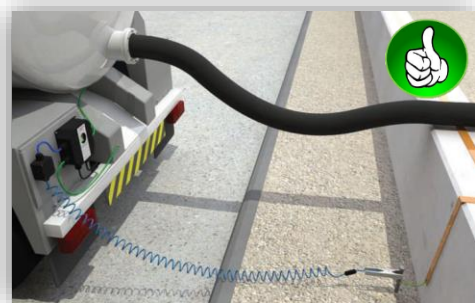
Static Electricity from Vacuum Trucks can Cause a Wood Dust Explosion

Vacuum trucks and their hoses can generate enough static electricity to ignite combustible dust. The static electricity is generated from the friction of dust flowing through the hose during the vacuuming process.



The following are steps to prevent an explosion while utilizing a vacuum truck to remove wood dust:

- **Avoid using hoses with ridged or corrugated interiors**
- **Do not use plastic hoses unless they are embedded with a static wire**
- **Only use hose that conducts electricity and is properly grounded**
- **Only use conductive hoses, nozzles and connectors that are designed to be used for vacuuming wood dust**
- **Ensure the grounding and bonding of all equipment**
- **Verify resistance (<100 megohms) utilizing a ohmmeter or megommeter**
- **Inspect and maintain all equipment**



For More Information on Wood Dust

CHECK OUT POLICY #23 ON TREELINE



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