

Best Practice on ATEX Handling



WE CONTROL COMBUSTIBLE DUST

Dustcontrol



Preventing Explosive Atmospheres with Dustcontrol

Explosive atmospheres can be caused by flammable gases, mists, vapors, or combustible dusts. When these substances mix with air in sufficient quantities, all it takes is a source of ignition to trigger an explosion. Explosions can lead to loss of life, serious injuries, and significant property damage. It is crucial to prevent the risk of combustible dust and to eliminate potential ignition sources to avoid such catastrophic events.

Turn to Dustcontrol for safe solutions!



See our Checklist on Safe Handling of Combustible Material



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6 Advices for Handling Combustible Material



1. Control the Combustible Dust

Use effective dust extraction systems to capture particles where they are generated. Preventing accumulation reduces fire and explosion risks.

2. Maintain Cleaning Routines

Regularly clean surfaces, ducts, and hidden areas to avoid dangerous dust buildup. Even thin layers of dust can ignite if dispersed in the air. Don't take any shortcuts!

3. Eliminate Ignition Sources in Risk Areas

Ensure that equipment and tools are spark-proof and avoid open flames in dusty environments. Even static electricity can act as an ignition source. Stay antistatic!

4. Use Proper Equipment

Make sure that machinery, filters, and tools that are optimized for combustible dust areas (ATEX or equivalent). This ensures compliance and minimizes operational hazards.

5. Provide Adequate Training

Educate employees on the risks of combustible dust and safe handling practices. A well-trained team can recognize hazards early and respond appropriately.

6. Monitor and Inspect Regularly

Schedule routine inspections of dust control systems, safety devices, and high-risk areas. Proactive monitoring helps detect problems before they escalate.

