

West Fraser Safety Policies

#23

West Fraser Safety Policy #23 (Wood Dust Mitigation & Control)

Definitions

Combustible dust: A combustible dust is a particulate solid that presents a fire or deflagration hazard when suspended in air over a range of concentrations. NFPA Standard 664 (2012), defines deflagrable wood dust is “wood particulate with a median particle size of 500 microns or smaller” and less than 25% moisture content.



Deflagration: Subsonic combustion that usually propagates through thermal conductivity. Hot burning material heats the next layer of cold material and ignites it.

Explosion: The bursting or rupture of an enclosure or a container due to the development of internal pressure from deflagration.



For More Information

CHECK OUT POLICY #23 ON TREELINE



West Fraser Mills Ltd.

Supervisor
Crew
Talk