

## Class II: Combustible dusts

<b>Dust Group Comparison</b>	
<b>Class II, Division 1 and 2</b>	<b>Zone 20, 21 and 22</b>
E (metals – Division 1 only)	None
F (coal)	
G (grain)	

### Division 1 & 2 Dust Groups

- **Group E:** Atmospheres containing combustible metal dusts, including aluminum, magnesium, and their commercial alloys, or other combustible dusts whose particle size, abrasiveness, and conductivity present similar hazards in the use of electrical equipment.
- **Group F:** Atmospheres containing combustible carbonaceous dusts that have more than 8 percent total entrapped volatiles (see ASTM D 3175-02, *Standard Test Method for Volatile Matter in the Analysis Sample for Coal and Coke*, for coal and coke dusts) or that have been sensitized by other materials so that they present an explosion hazard. Coal, carbon black, charcoal, and coke dusts are examples of carbonaceous dusts.
- **Group G:** Atmospheres containing combustible dusts not included in Group E or F, including flour, grain, wood, plastic, and chemicals.

### Zone 20, 21 & 22 Dust Groups

- **None**

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