



Toolbox Safety Talks

Dust & Fumes

- 1)** What are the hazards/injuries involved with dust and fumes?
 - a. Acute & chronic health affects
 - Silicosis
 - Cancer

- 2)** What hazards should be recognized?
 - a. Materials being worked on
 - b. Ventilation
 - c. Heated materials

- 3)** What safe practices should be used when working near dust and fumes?
 - a. Dusts arise from cutting, sanding and grinding operations, and can also be found when working with old lead pipes (lead oxide dust) or stripping out fibrous insulation (a prime, and very dangerous example being asbestos)
 - b. Fumes arise from a wider source of origins including welding operations, use of hazardous substances, heating metals such as lead, burning off old paints, etc
 - c. Where practicable, plan operations/tasks to eliminate exposure to dust and fumes
 - d. Use tools with dust extraction systems if possible
 - e. Consider the use of portable extraction equipment
 - f. Consider use of local exhaust ventilation where practicable
 - g. As a last resort use personal protective equipment/respiratory protective equipment.
 - h. Always remember other workers in the area – they may also require protection

- 4)** What are our sources of dust? What are our sources of fumes?
- 5)** Do we do a good job to minimize exposure or do we need improvements? Any suggestions
- 6)** Are we ever exposed to silica or asbestos? Where? How do we prevent or limit the exposure?
- 7)** Does anyone know someone who has developed problems from exposure to dust or fumes?



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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
