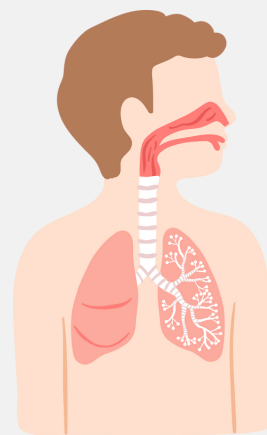




## Toolbox Talk: Dust Control Briefing



12,000 lung disease deaths each year are estimated to be linked to past exposure to chemicals or dust at work.



Larger **Inhalable** dust particles, deposit themselves in our nose and throat, and often make conditions such as Asthma worse. These particles may make you cough and sneeze, and it may be difficult to breathe.

Smaller **Respirable** dust particles can lodge themselves deep into your lungs where they can cause fatal lung diseases such as; Silicosis, Asbestosis COPD and Cancer.

### WARNING

#### ALL DUST IS DANGEROUS

- ✓ Silica dust
- ✓ Organic dust
- ✓ Wood dust
- ✓ Metal dust
- ✓ Fibrous dust

Dust particles range in size from 1 to 400 microns; to put this into perspective, our visible limit is 10 to 40 microns - this means that some of the smallest, most hazardous, dust particles aren't even visible to us!



#### WEARING RPE

Ensure you are clean shaven. Always check the edges are tight around your face, & that you have a snug fit around your nose & chin.

Ensure straps are not twisted & are correctly positioned.

Work Exposure Limits can be found in EH40/2005.



Dust Suppression units are ideal for spraying a fine mist of water over groundworks or demolition work to control airborne dust.



#### CAPTURE, CONTAIN, CONTROL

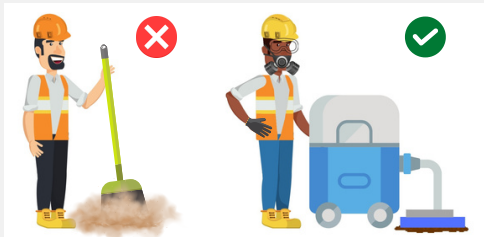
**Capture:** Position the extractor hood as close as possible to the activity to capture the dust at source.

**Contain:** Seal off the work area or erect an enclosure, to avoid dust migrating outside of the work zone.

**Control:** You may need additional control measures such as positive/ negative pressure ventilation to control the direction of airflow or dilute residual contaminants.



\*LEV Units must have a TExT every 14 months



The **HSE** explain that, "dry sweeping concrete dust and other building debris can produce high levels of dust". It is therefore recommend to use an M-Class or H-Class vacuum with a floor bar or hand-held attachment, rather than a broom.



PLAY NOW

This Toolbox Talk is available as a video, [watch it online now!](#)



RVT Group Copyright© - Published April 2024