



# Procedure (040)

## Management of Construction Dust

### 1. Introduction

Construction dust is not just a nuisance; it can seriously damage your health and some types can eventually even kill. Regularly breathing these dusts over a long time can therefore cause life-changing lung diseases.

Construction Dust is a general term used to describe different dusts that you may find on a construction site. There are three main types:

- silica dust
- wood dust
- lower toxicity dusts

Anyone who breathes in these dusts should know the damage they can do to the lungs and airways. The main dust-related diseases affecting construction workers are:

- lung cancer;
- silicosis;
- chronic obstructive pulmonary disease (COPD);
- asthma.

This procedure sets out the management controls that will be in place to manage the risks around construction dust generally on a Gleeson Homes site and ensure compliance with associated law, and industry guidance listed at the end of this document.

### 2. Scope

This procedure aims to identify and set out the control measures that will be implemented to manage dust generated from both work and environmental factors on Gleeson Homes sites

### 3. Training & Competencies

Job Role	Course / Qualification	Valid for
Technical Teams	Construction Dust Awareness	3 years
Commercial Teams	Construction Dust Awareness	3 years
Buying Teams	Construction Dust Awareness	3 years
Construction Heads	Construction Dust Awareness	3 years
Contracts Managers	Construction Dust Awareness	3 years
Site & Assistant Site Managers	Construction Dust Awareness	3 years
Customer Care Teams	Construction Dust Awareness	3 years

### 4. Hazard Awareness

Construction Dust is an integral hazard which is foreseeable across the life of a development and may fall into the following categories:

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- Site Related
  - Type of ground conditions
  - Nature of terrain, vegetation cover etc
  - Weather conditions
- Work activity related
  - Soil strip activities
  - Muck shift operations
  - Silica Product cutting, Concrete pipes, roof tiles etc.
  - Wood cutting, including soft & hardwood dusts
  - Road cutting
  - Plot cleaning / sweeping activities

## 5. Management Controls




For each of the hazards noted above it is imperative that Industry standard controls are in place to manage the dust generated by these operations / conditions across all live sites, these would typically be as follows

Activity / Dust Source	Minimum Control Measure	By Whom
Airborne Environmental Dust	<ul style="list-style-type: none"> <li>• <b>Damping of site roads</b></li> <li>• <b>Road sweeper</b> for maintaining clean site roads during muck shift operations</li> <li>• <b>Debris Netting</b> to perimeter fences to minimise local resident exposure</li> <li>• Damping down prior to demolition or muck shift operations</li> </ul>	Gleeson  Gleeson / Agreed Contractor  Gleeson  Contractor
Cutting of Concrete Pipes / Roof Tiles / Road surfaces etc	<ul style="list-style-type: none"> <li>• <b>Water Suppression</b> as per CIS 36 HSE Guidance</li> <li>• <b>Respiratory Protective Equipment (RPE)</b> for operatives with full <b>face fit certification</b></li> </ul>	Sub-Contractor  Agreed controls to be detailed in RAMS
Wood cutting operations – both hardwood & softwood products	<ul style="list-style-type: none"> <li>• <b>On tool Extraction</b> as per CIS On-tool extraction HSE guidance</li> <li>• <b>M/H class extraction minimum</b></li> <li>• <b>RPE Minimum FFP3 + face fit test</b></li> </ul>	Sub-Contractor  Agreed controls to be detailed in RAMS
Plasterboard / low toxicity dust cutting	<ul style="list-style-type: none"> <li>• Respiratory Protective Equipment (RPE) for operatives with full <b>face fit certification</b></li> </ul>	Sub-Contractor  Agreed controls to be detailed in RAMS
Plot Cleaning	<ul style="list-style-type: none"> <li>• <b>M class Hoover / extraction</b></li> <li>• Either 110v or battery</li> <li>• Respiratory Protective Equipment (RPE) for operatives with full face fit certification</li> <li>• Damping down of floor to prevent dust becoming airborne</li> </ul>	Gleeson Homes

Customer Care Activities	<ul style="list-style-type: none"> <li>• <b>M class Hoover / on tool extraction</b> (110v or battery)</li> <li>• Respiratory Protective Equipment (RPE) for operatives with full face fit certification</li> <li>• Damping down of floor to prevent dust becoming airborne</li> </ul>	Gleeson Homes
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## 6. Responsibilities & Actions

Job Role	Responsibilities
Land & Partnerships teams	Highlight potential Environmental Dust liabilities during pre-construction period
Technical Teams	Highlight potential Environmental Dust liabilities during pre-construction period and include in Pre-construction information (PCI)
Commercial Teams	Highlight dust management risk during pre-tender negotiations with sub-contractors and ensure allowance is made for compliance at pre-start stage
Procurement / Buying Teams	Ensure all sites have access to the prescribed level of equipment / PPE available to manage the risk
Customer Care Teams	Ensure customer care operatives adopt standards of protection as set out above
Construction Heads	Ensure during RAMS approval that prescribed controls are set out by the sub-contractors and are available on site
Contracts Managers	Ensure during RAMS approval that prescribed controls are set out by the sub-contractors and are available on site & monitor general compliance
Site Managers	Ensure during RAMS approval that prescribed controls are set out by the sub-contractors and are available on site for Employees & sub-contractors
Assistant Site Managers	Monitor site activity with RAMS for compliance on dust management
SHE Team	Monitor compliance of the procedure during site visits and report non-compliance to regional management teams

Minimum Equipment & PPE Standards for all sites	Specification
M class Hoover for plot cleaning	<ul style="list-style-type: none"> <li>V-TUF MIGHTYHSV110 Mighty HSV M-class</li> </ul>  <p><u>NB: Transformer or Generator &amp; Drip Tray will be needed for this hoover if no there is no power supply.</u></p> <p>Ensure the above is ordered along with the hoover</p> <ul style="list-style-type: none"> <li>V-TUF RUCKVAC Cordless M-Class Rated Backpack Vacuum Cleaner - with Lung Safe Hepa Filtration (Battery Operated)</li> </ul> 
Water Damping Sprays	<ul style="list-style-type: none"> <li>Water Pressure Spray - 5 Litre</li> </ul>
Respiratory Dust Protection (RPE)	 <ul style="list-style-type: none"> <li>FFP3 Disposable single use disposable respirator or</li> <li>JSP Force 8, P3 half mask respirator</li> </ul> <p><b>All persons to have Face fit test for specific mask type being used</b></p>

## 7. Review & Document References

### 7.1 Regulations & Guidance references

- Control of Substances Hazardous to Health 2002
- Management of H&S at work regulations
- [CIS 36 Construction Dust](#)
- [CIS 69 On tool extraction](#)

**7.2** This procedure will be reviewed periodically or in the event of a change in the guidance reference material

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