CAL Construction LTD

Dust Management plan

Introduction

This plan is set out to describe measures and strategies with the demolition and construction process. In order to reduce and minimize dust generated throughout the project. In the hope of achieving:

- Elimination
- Control
- reduction

The following applicable legislation will be taken into account when deemed necessary:

- Pollution prevention and control act 1993
- Air quality standards/limit values
- Noise and statutory nuisance act 1993
- clean air act 1993
- Road traffic vehicle emissions regulation 2002
- Environment act
- Road vehicles regulations act 1986

Related Health and safety legislation as follows will be considered at all times:

- Health and safety at work act 1974
- control of substances hazardous to health 1994

Action plan:

1. Identification of source of dust:

Potential construction and demolition processes that are likely to create dust can be listed as:

- Vehicles and construction machinery.
- Handling, storage, disposal of materials.
- Site preparation.
- Demolition
- Construction implementation

2. Asses level of risk of dust:

Construction/demolition workers are to assess the level being created and decide whether methods are required to be implemented.

3. Carry out best method of control:

When dust levels are deemed to be an unacceptable level. Identify and carry out best method of control to eliminate, control or reduce the source of dust via:

- Water suppression via a fine mist
- dedicated scaffold protected cutting areas
- on tool extraction with an H/M extraction unit

- damping down
- personnel safety equipment

4. Monitor effectiveness of dust control method

Site specific requirements

The site specific requirements are outlined below:

- Neighbors are to be notified to whom the site manager is.
- Temporary Hoarding shall be used to exposed perimeters with debris netting.
- A temporary on site mains water supply shall be used to create the water mist and used as a wheel wash area.
- Waste stockpile areas shall be covered or damped down as much as practical. Sheeted waste removal vehicles shall be requested.
- Materials that are to be taken to ground outside the perimeter of the dwelling shall be done so with the use of chutes
- Burning of waste materials on site will be avoided.
- All appropriate material shall be crushed off site in designated areas.

Conclusion

The dust management plan is to be followed by all site personnel as much as practical. Site personnel are to asses the effectiveness of control measures and adjust accordingly. In order to reduce the negative effects that dust creates on construction sites.