



Newlands, Drakes Lane, Little Waltham, Chelmsford, Essex CM3 3ND

RISK ASSESSMENT

H : High Risk M : Medium Risk L : Low Risk I : Insignificant

Hazard /Work Activity Assessed:	Assessment No:			
CONTROL OF DUST AND EMISSIONS DURING DEMOLITION	1			
Persons at Risk:				
Employees	Contractors	Visitors	Others	
<input type="checkbox"/> X	<input type="checkbox"/> X	<input type="checkbox"/> X	<input type="checkbox"/> X	
Hazards involved with the Activity/Process: (Most significant determines Risk Rating.)				
SIGNIFICANT RISKS				
	H	M	L	I
1. Sensitivity of area to dust effects on people and property	X			
2. Sensitivity of area to human health impacts	X			
3. Sensitivity of area to ecological impacts		X		
4. Risk of dust impacts demolition	X			
5. Asphyxia			X	
6. Skin contamination			X	
7. Inhalation of contaminants			X	
8. Ingestion of contaminants			X	
Initial Rating: Likelihood (of accident) x Severity = Rating (See Page 2) 6 x 1 = 6				
Existing Safety Measures/Controls:				
<ol style="list-style-type: none"> 1. Two dust monitoring sensitive receptors to be installed adjacent to Maria Fidellis School – external consultants to set up an automatic particulate monitors at the site boundary to measure representative PM10 Levels. Fortnightly reports will be provided to the Council detailing any exceedances of the threshold and measures that are implemented to address these. 2. Soft strip inside buildings prior to demolition (retaining walls and windows to the building to provide a screen against dust. 3. Buildings to be demolished mechanically (no explosive blasting). 4. COSHH data sheets checked for those materials producing dust, any toxic material identified, assessment to be made as to who, what, where and when work shall be completed. 5. Bag and remove any biological debris or damp down such material prior to demolition. 6. Dust emissions to be minimized and/or contained to boundaries of the site. 7. Dustboss to be used during demolitions of Former Met Police Depot. 8. Wind blown dusts to be minimized by damping down. Water to be used from fire hydrant on footpath on Drummond Crescent. 9. Clean down as you go policy to be adopted. 10. Adequate means of monitoring / measuring toxic dusts to be provided and maximum exposure limits (WEL's) to be checked. 				
Information Instruction and Training:				

1. Operatives to be briefed regarding the hazards of dust to their health.
2. Operatives to be briefed regarding PPE and Toxic dust

Personal Protective Equipment * Always as a last resort

Safety Helmet	X	Harness		Dust Masks	X
Safety Boots	X	Rescue Equipment		Partial Respirators	
Goggles / Visor	X	Monitoring Equipment		Breathing Apparatus	
Overalls	X	Hi visibility coat / waistcoat	X		
Gloves	X				
Ear Defenders					

Revised Risk Rating: Likelihood x Severity = (Rating No)
 $3 \times 1 = 3$

Additional Controls Required:

Assessor:
BRADLEY HARRIS

Signature:
B Harris

Date:
13-Jan-16

Risk Rating

Rating Action Bands

LIKELIHOOD

SEVERITY OF INJURY

RATING BANDS AND ACTION REQUIRED

1. Most unlikely
2. Unlikely
3. Possible
4. Likely
5. Very Likely
6. Certain

1. Trivial injuries
2. Minor injuries
3. Major injuries to the person
4. Major injuries to several people
5. Death to one person
6. Multiple deaths

- | | | |
|---------|--------------|--|
| 1 - 3 | Minimal Risk | - Maintain controls |
| 4 - 6 | Low Risk | - Fine tune controls |
| 8 - 10 | Medium Risk | - Improve controls |
| 12 - 36 | High Risk | - Improve controls NOW
consider stopping work |

To establish RISK RATING, multiply LIKELIHOOD by the SEVERITY