

68691 – Land off Victoria Avenue, Whitefield

Dust from Engineering Works

All reasonably practicable measures shall be adopted to ensure that dust emissions from the site and access roads are kept to a minimum and any dust nuisance abated forthwith.

Reason

To protect the amenities of occupiers of nearby properties.

Engineering Work

Best Practicable Means

The contractor shall employ the “best practicable means” as defined in the Control of Pollution Act 1974 to minimise noise and vibration resulting from operations and shall have regard to BS5228 : 2009 (Code of practice for noise and vibration control on construction and open sites), especially Part 1 (Noise)

Vehicles

The contractor shall ensure that all vehicles, plant and machinery used during the operations are fitted with effective exhaust silencers and that all parts of such vehicles, plant or machinery are maintained in good repair and in accordance with the manufacturer’s instructions and are so operated as to minimise noise emissions.

Only “sound reduced” compressors shall be used and any equipment or panel fitted by the manufacturer for the purpose of the reduction of noise shall be maintained and operated so as to minimise noise. Any pneumatically operated percussive tools shall be kept in good repair: damped steels shall be used wherever practicable.

The engines of motors or machines which will be out of use for a period exceeding 15 minutes shall be turned off.

Piling

The developer and builder should have due regard to the advice offered in BS 5228: 2009 Parts 1 and 2 (Code and practice for noise and vibration control on construction and open sites).

Any proposed piling or vibroflotation/vibrocompaction or vibroreplacement/vibrodisplacement or dynamic consolidation to be carried out on the site as part of or in preparation to the development of the site shall be undertaken to the satisfaction of the Local Authority: the method and equipment chosen shall be the one which minimises the amount of vibration and noise produced.

Unless site or geological conditions dictate otherwise, then hydraulic/jack-piling and/or continuous flight auger piling shall be the methods used on the site.

Any proposal to use an alternative piling method to the ones mentioned above shall include, in the written submission to the Local Authority, a technical appraisal of the alternative method, together with a detailed and technical statement as to why jack-piling or continuous flight auger piling may not be used.

If an alternative method to use jack-piling or continuous flight auger piling is to be employed, then an evaluation of the risk of vibration-induced damage to nearby buildings shall be undertaken by the developer and/or builder prior to the work commencing, in accordance with the guidelines provided by BS 7385 Part 2:1993 (Evaluation and Measurement for Vibration in Buildings) (Annex B).

Details of the scheme, including the method and equipment to be used and the results of any vibration damage risk assessment survey/report undertaken in accordance with item 1b as above, shall be submitted to the Local Authority, for approval, not less than one month before such operations are due to commence.

Reason

To protect the amenities of occupiers of nearby properties.

Pollution Control Section