

VIOLET HOMES LTD

Construction Environmental Management Plan (CEMP)

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|---|---|
| Site Name and address- Old Lane / Taylor Lane Scapegoathill Huddersfield, HD7 4ND | Scope of works – The work involves the construction of 2 no new residential homes |
| Key Dates- Proposed commencement: TBC Proposed completion: TBC Duration weeks | Working Hours- 07:30-17:30 Monday-Friday 08:00-13:00 Saturday Any other times to be confirmed with the local LPA |

Signed: *J Bradley*

Director

Dated: November 2024

Review Date: November 2025 or as required.

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There will be no radios, shouting or other unnecessary noise allowed on site. All plant will be selected with low noise unidirectional reversing alarms. The “Directional Sound” reversing alarm is localized only in the danger area behind the vehicle and is perceived as quieter and less disturbing to neighbouring properties and will still serving as an effective safety device. The noisiest activities which are likely to be cutting disc tools from time to time, designated areas will be provided for the use of these tools which will be at the furthest point from the public. There will be regular communication with neighbours when required with respect being given to events to avoid unnecessary disturbance. Consideration will be given to continuous low-level noise and disturbance this may cause therefore there will be times of the day were there will be a lull in noisy activities. HSE guidance document - Noise at work: A brief guide to controlling the risks INDG362 - will be followed including the selection of quieter machinery, provision of hearing protection with the correct SNR rating. Regular noise readings may be required to ensure the daily and weekly exposure limit (lower exposure action value) is not exceeded to individuals. It is not very likely that peak sound pressure levels on the chart below will be achieved however this will also be taken into consideration when selecting hearing protection and considering duration of noisy activities.

The use of the modern silenced plant available in the industry for the task. This reduces the amount of noise emissions from machinery.

We will ensure that 75db is not exceeded between Monday to Friday 07:00 to 18:00 and Saturday 08:00- 13:00. All plant and equipment to be used for the works to be properly maintained, silenced where appropriate, and operated to prevent excessive noise and switched off when not in use where practicable;

- Plant will be certified to meet relevant current legislation as defined by [BS](#)

[5228:2009+A1:2014 Part 1: Noise](#)

| | Lower exposure action Value (decibels) | Upper exposure action Value (decibels) |
|--|--|--|
| Daily or weekly personal noise exposure (LEP,d or LEP,w) | 80 | 85 |
| Peak sound pressure (LCpeak) | 135 | 137 |

2. Minimisation of dust

HSE guidance document – Construction dust CIS36 will be followed to ensure dust is minimised from creating both a nuisance and a significant health risk.

HSE Control of exposure to silica dust - INDG463 - will also be followed to prevent the risk of silicosis. To achieve compliance with the above documents the selection of work equipment will take into consideration dust suppression/ extraction. The aim will always be to suppress dust at source including machine connected water suppressant systems (like the equipment below).



There will be regular cleaning up of the site to minimise dust drying out and becoming airborne. Vehicles will be regularly cleaned using wheel washes where applicable to minimise dust and dirt going on to the access roads and main roads. There will be a road sweeper used should any mud or other contaminants end up on the slip road or public roads. The frequency of its use will be dependent on volume of traffic movements, volume of works and the efficiency of any wheel washing. Its use will also be agreed with the local Borough council when used on public highways as required.

The sweeper will have sweeping brushes; water spray and suction as required ensuring the roads are efficiently cleaned.

If required, wheel washers will be used.

Please make reference to:

- [Institute of Air Quality Management - Guidance on the assessment of dust from demolition and construction 2014 \(v1.1 2016\)](#).

3. Minimisation of vibration

Hydraulic techniques for breaking to be used in preference to percussive techniques where practical to reduce vibration effects.

No piling activities are to be carried out within this scheme.

The main risks associated with vibration include hand arm vibration syndrome (HAVS), vibration white finger syndrome, whole-body vibration syndrome, vibration effects on structures including premature and unplanned collapse. The Vibration Regulations will be complied with all times to prevent the above.

Low vibration work equipment will be selected, and vibration exposure will be monitored using vibration meters.

The exposure action value (EAV) is a daily amount of vibration exposure above which employers are required to take action to control exposure. The greater the exposure level, the greater the risk and the more action employers will need to take to reduce the risk. For hand-arm vibration the EAV is a daily exposure of 2.5 m/s² A(8).

There is also a level of vibration exposure that must not be exceeded. This is called the exposure limit value.

The exposure limit value (ELV) is the maximum amount of vibration an employee may be exposed to on any single day. For hand-arm vibration the ELV is a daily exposure of 5 m/s² A(8). It represents a high risk above which employees should not be exposed.

The above will be achieved by monitoring, training, and supervision.

Additional considerations are

- . 1) Protect the residents, users of buildings close by and passers-by from nuisance or harm.
- . 2) Protect buildings and their contents from physical damage in accordance with item (b) below.

In establishing these measures, the Company will consider the following factors:

- . a) Human exposure – The Company will comply with the current British Standard, Evaluation of Human Exposure to vibration in buildings (1Hz to 80Hz). The standards for vibration assessment are defined in this British Standard.
- . b) Protection of structures and contents – The Company's operation activities will be carried out so that vibration arising will not damage adjacent structures and contents.

Where deemed necessary vibration monitors will be available.

Additional safeguards or tighter controls will be necessary or in sensitive locations e.g. hospital, educational establishments etc.

[Reference should be made to BS 5228:2009+A1:2014 Part 2:Vibration.](#)

4.Traffic management

There will be a combined access / egress point for the works vehicles which will be via access points off Old Lane.

All delivery vehicles will access site via Taylor lane.

All deliveries to take place between 08:00 and 16:00 and all deliveries will be unloaded on site to minimise the impact on the local roads and residents.

Delivery vehicles will range from small vans to 16 t wagons.

All contractors will be encouraged to use the nearby bus services where practical. Contractors not based in Golcar and surrounding areas will drive where public transport is not an option and encouraged to car share.

Car parking for contractors will be on site and at the carpark at the top of old lane.

There will be a banksman at the entrance/exit when required and the routes will always be maintained and kept clear.

Due to nearby residential properties, signage, induction training and banksman intervention will be used to manage the movement of vehicles in pedestrianised areas.

Construction traffic will adhere to the existing speed restriction areas and will be advised in advance of these. Any failure to comply with these will result in action taken against the contractor.

All skip wagons will be covered over to contain waste

All construction traffic contractors will familiarise themselves and their drivers with local height/width restrictions, will adhere to highway/site rules.

All maintenance and statutory inspections of plant and vehicles will be done by minimising noise and pollution due to engines being switched off much as is possible.

5. Dealing with complaints

The principal contractor will set up and manage a complaints procedure which will deal with any complaints relating to the construction activity, traffic movements or other relevant activities. This will be a written procedure backed up by policy, requiring investigation into all complaints made. Feedback to complainants will also be part of the policy with the intention of satisfying complainants. Telephone number and contact name will be displayed on the site hoarding indicating the complaints procedure this will also include how to contact the local Authority and will include the following email addresses warren@Violet-homes.co.uk Site manager – W. Bland

Director – J. Bradley, James@violet-homes.co.uk

6. Storage of Material/ Prevention of pollution

Where required temporary bunds will be used around any stockpiles of material stored on site. This will be using a silt fence, staked in position and the base of the fence will be buried to 200 mm in the ground.

A bunded fuelling station will also be created to prevent ground contamination.

Waste materials, including empty containers, paper, waste or debris, shall be placed in designated waste disposal skips placed around the site and not allowed to be blown about the site and adjacent area. Bricks, concrete etc. where possible will be re used as hard core. All wastes will be segregated with re-use, reclamation and recycling where possible.

Waste removed from the site shall be classified in accordance with the Environmental Protection Act 1990 and transfer documentation shall be authorised by the Contractor.

7. Ecological

All works shall be undertaken in accordance with any ecological assessments issued. All relevant surveys will be carried out as recommended.

No tree works shall be carried out during the bird breeding season – 01/03 to 31/08 Inc. should any tree work be required during this period; additional surveys will be carried out and reported.

All contractors on site are to be made aware that if any European protected species are found, all works shall cease immediately.

Advice will then be sought from a licensed specialist. See list of European Protected Species.

8. Training

Staff training is included in the risk assessments, method statement and construction phase plan.

All operatives will undergo Contractor site induction and the principal contractor's site inductions.

Site inductions will be conducted by a competent person recorded and will include information on the following:

- Contractor Induction
- Permit to work system
- Traffic management

- Security arrangements
- Safe zones
- Mobile phone use
- Zero Harm/Safe Behaviour briefing
- Contractor Safety Rules
- Site specific hazards and controls
- Emergency procedures (including spill procedures)
- Fire arrangements
- First aid arrangements
- Welfare arrangements
- PPE
- Method statements and risk assessments
- Accident/incident reporting

Visitors will be inducted similarly with a preference for being escorted by a competent person whilst on site.

On-site training

On-site training will include but may not be limited to:

- HS&E induction
- Zero harm/Safe Behaviour briefings
- Asbestos operative's induction (where applicable)
- Toolbox talks (at least weekly and to include all trade contractors)
- Safe Behavioural Discussions
- On site NVQ assessment (where applicable) (CCDO or CPCS)
- Environmental responsibilities and management

Training records are available on-line using Safety Agenda Training Manager Software. Management will have access to all staff training including printable copies of certificates.

All plant and equipment operators will receive training and will carry on them their competency cards for plant and equipment they use on site.