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London Borough of Hillingdon

Permit Ref: EPA/B2/17

**Environmental Permitting (England and Wales)
Regulations 2007 (as amended) SI 2007:3538**

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Installation Address

Thames Materials Ltd.
Skip Lane
Uxbridge,
Middlesex
UB9 6JW



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Contact Details:

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**Permit issued under the Environmental Permitting Regulations
2007**

Permit Reference: EPA/B2/17

London Borough of Hillingdon (the Regulator) in exercise of its powers under Regulation 13 of the Environmental Permitting Regulations 2007 (S.I. 2007 No. 3538) hereby permits

Thames Materials Ltd. Thames Materials Ltd. (“the Operator”),

Whose registered office is

Thames Materials Ltd.
Bruton Charles
Henley-on-Thames
Oxfordshire
RG9 4QG

To operate the installation at

Thames Materials Ltd.
Skip Lane
Uxbridge,
Middlesex
UB9 6JW

to the extent permitted by and subject to the conditions of this document (“the Permit”) and operated within the site boundary on the attached site plan.

Signed

Kathy Sparks
Head of Consumer Protection
Authorised Officer for London Borough of Hillingdon

Dated



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Brief description of the installation regulated by this permit

Mobile Plant for the crushing and screening of demolition materials and minerals, as prescribed by Schedule 1, Part 2, Section 3.5 of the Environmental Permitting Regulations 2007, utilising an Extec C-12 2000-2004 crusher as detailed in Schedule A, fitted with an integral water spray system for dust suppression.

CONDITIONS

EMISSION LIMITS AND CONTROLS

1. All emissions to air, other than condensed water vapour, shall be free from persistent visible emissions.
2. All emissions to air shall be free from persistent fume and free from droplets.
3. There shall be no visible emission of airborne dust, from the Crusher operation or material stockpiles, across the site boundary.

MONITORING AND MEASUREMENT OF EMISSIONS

4. There shall be no burning of any material at the site in connection with the permitted installation.
5. A visual assessment of particulate emissions from the mobile Crusher and Screening plant, specified in Schedule A, shall be made frequently, at least three times a day during operation (at start up and at least two additional times). The results of this assessment shall be recorded in the log book required to be kept in accordance with Condition 7.
6. A daily visual check on the condition of the aggregate stockpiles, with relation to dust emissions shall be carried out having consideration to the weather conditions and size of material being stored. The results of this assessment shall be recorded in the log book required to be kept in accordance with Condition 7.
7. A log book shall be kept containing a record of all visual assessments made in accordance with Condition 5, 6 and 8. The record shall include the time, date and location of the assessments, the result, and the name of the person undertaking the assessment. The log book shall be kept available with the



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mobile plant for inspection by the Regulator and shall contain at least the previous two years' records.

8. In the case of abnormal emissions, malfunction or breakdown leading to abnormal emissions the operator should:
 - a. investigate and undertake remedial action immediately
 - b. adjust the process or activity to minimise those emissions; and
 - c. promptly record the events and actions taken in the logbook required to be kept in accordance with Condition 7.

The regulator should be informed without delay if there is an emission that is likely to have an effect on the local community.

INSTALLATION OPERATIONS

9. Any dry and dusty feedstock shall be dampened using water prior to the crushing operation beginning in order to minimise dust emissions from the mechanical handling/ crushing operations.
10. Dust suppression equipment using water sprays shall be fitted and operation at all times over the feeding area (aperture) on the crusher and screening plant. This dust suppression equipment shall be adequate to suppress all of the dust generated by the crushing activity.
11. The point(s) of discharge from the crusher and screening plant to the conveyor shall be enclosed as far as practicable.
12. The conveyor(s) and transfer point(s) shall be fitted with adequate protection against wind whipping.
13. Conveyor belt(s) shall not be overloaded and shall be of sufficient capacity to handle maximum loads without spillage.
14. Belt scrapers shall be fitted to the crusher and screening plant for the cleaning of returning conveyors (*Where chevron belts are used, catch plates should be fitted to contain dust falling from the underside of the belt at the turning point*).
15. The last metre of the discharge conveyor and the first 0.5 metre of the freefall of material shall be enclosed as much as possible by fitting a full hood and with water suppression that is adequate to suppress any dust generated.
16. Water spray dust suppression shall be used on the final conveyor(s) discharge point to the stockpiles.



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17. Deposits of dust on external parts of the crusher and screening plant shall be cleaned off at the end of each operational day in order to minimise the potential for wind entrainment.

MATERIAL HANDLING/ STOCKPILE MANAGEMENT

18. The construction and management of stockpiles shall be carried out in such a manner so as to avoid the creation of air-borne dust. Care shall be taken to profile and position the stockpiles to prevent any dust becoming wind-entrained. Water suppression shall be employed when necessary.
19. No material shall be stored in the open except for:
- (a) material that has been screened to remove material of 3mm and under;
 - (b) sand;
 - (c) scalplings;
 - (d) material used for road sub-bases (commonly known as "MOT material") that has been conditioned before deposition;
 - (e) crusher run material or blended material that has been conditioned before deposition;
20. The loading to and from stockpiles shall be carried out in a manner so as to minimise the generation of airborne dust. Water suppression techniques shall be employed when necessary.
21. Drop heights from conveyors to the crusher, screening plant or stockpiles shall be minimised.
22. Processed materials likely to generate dust shall be conditioned with water prior to internal transfer around the site.
23. Dust emissions from the loading of processed material into road vehicles shall be minimised by water dampening, as conditions require, and by minimising material drop heights.
24. Vehicles under the control of the installation operator shall be sheeted as necessary or otherwise enclosed when carrying dusty materials (less than 75mm in size).
25. Conditions 9, 10, 15, 16, 18, 20, 22, 23 and 26 relating to the use of water for the purpose of dust suppression must be complied with by utilising a piped supply on site.



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MAINTENANCE, MANAGEMENT SYSTEMS AND TRAINING

26. To avoid the carry over of dirt to public roads and to control the dust generated by site traffic, roadways shall be sprayed with water and swept on regular basis.
27. An effective preventative maintenance programme shall be employed on all aspects of the activity including all plant and machinery likely to either prevent or cause emission to air of any substance listed in The "Air" list of Schedule 5 of the Pollution Protection and Control (England and Wales) Regulations 2000 (as amended). A written maintenance programme shall be available to the regulator with respect to pollution control equipment. A record of this maintenance work should be recorded in the logbook and be available for inspection by the Regulator.
28. Essential spares and consumables shall be held (*or available locally at short notice*) for the plant, or alternatively:
- A service contract for the plant, which includes a priority attendance requirement for equipment failure, shall be held with a suitable contractor.
 - A mobile service and repair engineer, carrying essential spares and consumables, is employed by the Company.
29. An appropriate environmental management system (EMS) is recommended. This is an important component of BAT and of achieving compliance with the conditions in this permit. The EMS requires a commitment to establishing objectives, setting targets, measuring progress and revising the objectives according to results. This includes managing risks under normal operating conditions and in accidents and emergencies. This can take the form of adopting published standards (ISO 14001 or the EU Eco Management and Audit Scheme [EMAS]) or by setting up a system tailored to the nature and size of the specific process.
30. All staff whose duties include the operation of plant and machinery likely to either prevent or cause emission to air of any substance listed in The "Air" list of Schedule 5 of the Pollution Protection and Control (England and Wales) Regulations 2000 (as amended) shall receive the appropriate training, supervision and instructions as specified in clause 6.16 of Process Guidance Note PG3/16(04). The operator shall maintain a statement of training requirements for each operational post and keep a record of the training received by each person whose actions may have an impact upon the environment. These documents shall be made available to the Regulator on request.



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31. The Operator shall give written notification as soon as practicable of any changes to either the equipment specified in the schedules to this permit, or any other changes likely to have an effect on emissions from the installation.
32. The Best Available Techniques (BAT) shall be used to prevent or, where that is not practicable, reduce emissions from the installation in relation to any aspect of the operation of the mobile plant which is not regulated by any other condition of this permit.
33. Where any condition of this permit appears to conflict with either planning restrictions or the conditions of a Waste Management License, the more stringent conditions shall be applied.

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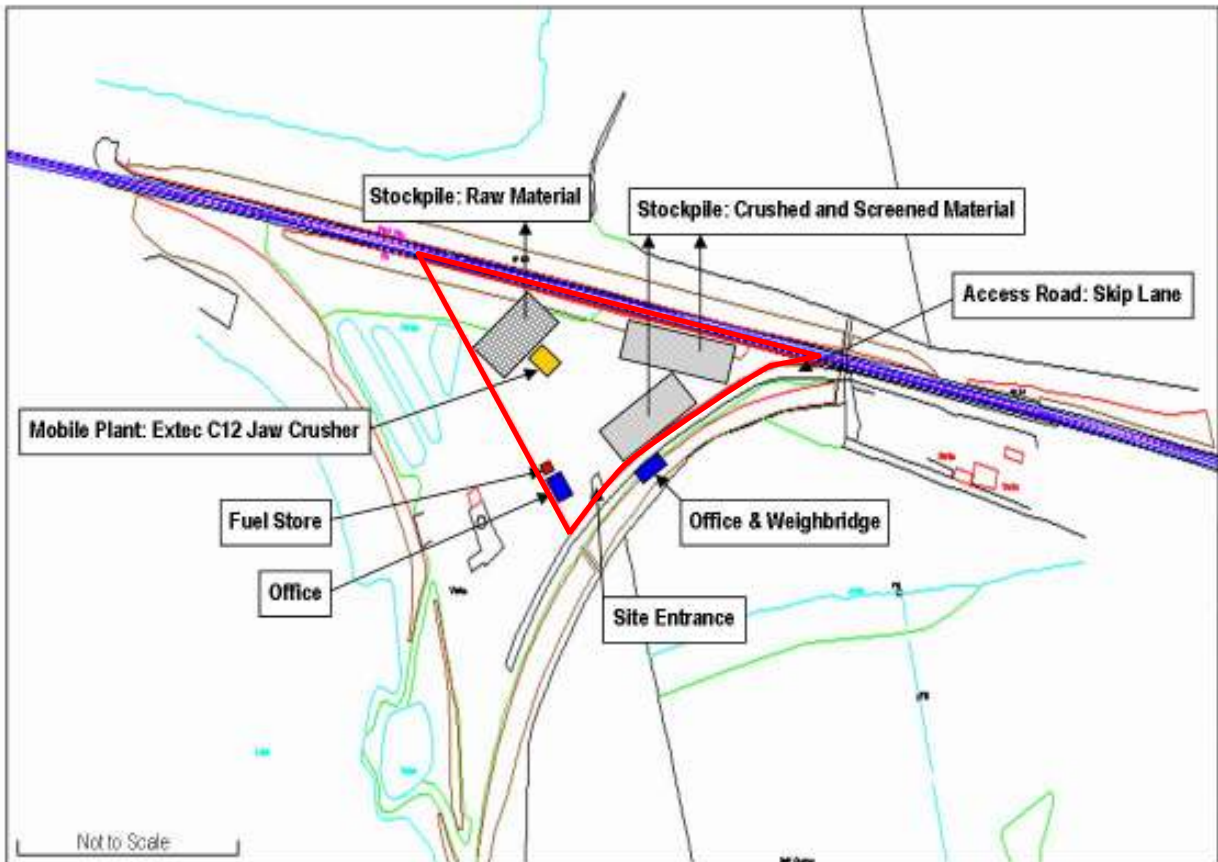


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SCHEDULE A	
Plant Detail	Description
Primary Crusher	Extec C-12 2000-2004 mobile crusher Mobile crushing unit, utilising diesel fuel with integral water suppression Jaw dimensions 50" X 30".

Site Plan, site boundary marked in red



End of Permit