

Environmental Permit

Pollution Prevention and Control Act 1999
Environmental Permitting (England and
Wales) Regulations 2016



Spraytech Limited
12 Meads park Industrial Estate
Harlow
Essex
CM20 2SE

Permit Number
EPR/6.4/17/V1/Spraytech

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Detail	Date	Comment
EPR/6.4/17/V1/Spraytech	14 th November 2017	Draft Permit
EPR/6.4/17/V1/Spraytech	5 th December 2017	First authorised

Introductory Note

This introductory note does not form part of your Environmental Permit conditions, however it does provide useful information about the Environmental Permitting Regulations:

The following Permit is issued under Regulation 13(1) of the Environmental Permitting (England and Wales) Regulations 2016 (S.I 2016 No.1154), ("the EPR") to operate a scheduled installation carrying out an activity, or activities covered by the description in section 6.4 B (a) (1) of Part 2 to Schedule 1 of the EPR, to the extent authorised by the Permit.

Conditions within this Permit detail Best Available Techniques (BAT), for the management and operation of the installation, to prevent, or where that is not practicable, to reduce emissions.

In determining BAT, the Operator should pay particular attention to relevant sections of the LAPPC Process Guidance note [PG6/31 (13)] and any other relevant guidance. Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Note that the Permit may require the submission of certain information to the Regulator and in addition, the Regulator has the power to seek further information at any time under Regulation 60 of the EPR Regulations provided that the request is reasonable.

Public Registers

Information relating to Permits is available on public registers in accordance with the EPR. Certain information may be withheld from the public registers where it is commercially confidential or if it is in the interest of national security to do so.

Variations to the Permit

The Regulator may vary the Permit in the future, by serving a variation notice on the Operator. Should the Operator want any of the conditions of the Permit to be changed, a formal application must be submitted to the Regulator (the relevant forms are available from the Regulator). The Status Log that forms part of this introductory note will include summary details of this Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

Transfer of the Permit or part of the Permit

Before the Permit can be wholly or partially transferred to another Operator, an application to transfer the Permit must be made jointly by the existing and proposed Operators. A transfer will not be approved if the Regulator is not satisfied that the proposed Permit holder will be the person having control over the operation of the installation, or will not comply with the conditions of the transferred Permit. In addition, if the Permit authorises the Operator to carry out a specified waste management activity, the transfer will not be approved if the Regulator does not consider the proposed Permit holder to be a 'fit and proper person' as required by the EPR.

Talking to us

Please quote the permit number if you contact the Regulator about this permit. The regulator may be contacted by telephone by calling **01279 446111**, by email at env.health@harlow.gov.uk or in writing to; Harlow Council, The Water Gardens, Harlow, Essex. CM20 1WG.

Environmental Permit



Permit Number: *EPR/6.4/17/V1/Spraytech*

Harlow Council ("the Regulator") in exercise of its powers under Regulation 13(1) of the Environmental Permitting (England and Wales) Regulations 2016 (S.I 2016 No.1154), hereby authorises Spraytech Limited("the Operator") to operate an installation at:

***Spraytech Limited
12 Meads park Industrial Estate
Harlow
Essex
CM20 2SE***

To the extent authorised by and subject to the conditions of this Permit.

Signed

A handwritten signature in black ink, appearing to read "Norah F Nolan", is written over a horizontal line.

Dated this day

5th December 2017

**Norah F Nolan
Environmental Health Manager
The Authorised Officer for this purpose**

Harlow Council, Environmental Health Services, Civic Centre, The Water Gardens, Harlow,
Essex CM20 1WG. Tel. 01279 446111 Fax. 01279 446767

Spraytech Limited operates a powder coating activity for the manufacture of bespoke work in a range of colours.

Description of the Process Powder coating is the technique of applying dry paint in powder form to the item to be coated and then curing the item in an oven to melt the powder into a continuous film coating.

Items to be coated are hung on disposable jigs and manually loaded within an airflow water wash spray booth. Coating powder is delivered to the works and stored as supplied in 10-25kg polythene lined boxes. The coating powder is applied electro-statically to the dried pre-treated items then stoved within a gas operating box oven where the powder melts and reacts to form a high molecular weight polymer coating. A low level of solvent base (wet) coating is undertaken using a spray gun within a dry back filter booth.

Address of Installation; Spraytech Limited, 12 Meads Park Industrial Estate, Harlow, Essex CM20 2SE as marked in red (for identification purposes only) on the attached map, Appendix 1, forming part of the permit.

Conditions

Emissions

1. No visible particulate matter shall be emitted beyond the installation boundary.

Process controls

2. Odour emissions shall be minimised by:
 - I. Controlling oven temperatures to <210°C and limiting the curing/baking time to the minimum time required to manufacture the product,
 - II. Controlling acid fume emissions;
 - III. Operating the burn-off oven correctly in accordance with the manufacturer's instructions.
3. A record shall be kept of all powder coating material, and organic solvent used. The records shall be made available to the Regulator on request.

Powder storage and loading

4. Dusty materials (including dusty wastes) shall only be stored in the manufacturer's packaging or other no less suitable sealed container(s) within the production area. The storage and transfer of dusty material shall at all times be subject to management techniques to minimise dust emissions. No potentially dusty materials (including wastes) or finished products shall leave the site other than in sealed containers.

Monitoring

5. The emission requirements and methods and frequency of monitoring set out in **Table 1** shall be complied with. Sampling shall be representative.

- 6 Any monitoring display required for compliance with the permit shall be visible to operating staff at all times. Corrective action shall be taken immediately if any periodic monitoring result exceeds a limit in **Table 1**, or if there is a malfunction or breakdown of any equipment which might increase emissions. Monitoring shall be undertaken or repeated as soon as possible thereafter and a brief record shall be kept of the main actions taken.
- 7 All plant and equipment capable of causing, or preventing emissions and all monitoring devices shall be calibrated and maintained in accordance with the manufacturer's instructions. The plant and equipment shall be maintained by competent persons. Monitoring records shall be kept for not less than 2 years and be made available to the regulator on request.

Abnormal Events

- 8 In the case of abnormal events which may have an adverse effect on emissions to air the operator shall;
 - a. Investigate and undertake remedial action immediately,
 - b. Adjust or cease the process activity to minimise those emissions,
 - c. Record those events and actions taken,
 - d. The operator shall, in the case of abnormal emissions, inform the regulator without delay if there is an emission likely to have an effect on the local community.

Records and training

- 9 Written or computer records of all tests, operator inspections (including those for visible and odorous emissions) and monitoring shall be kept by the operator for at least 24 months. They shall be made available for examination by the Regulator on request.
- 10 Staff at all levels shall receive the necessary training and instruction to enable them to comply with the conditions of this permit. Records shall be kept of relevant training undertaken and made available on request.

Best available techniques

- 11 The best available techniques 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 installation which is not regulated by any other condition of this permit.
- 12 If the operator proposes to make a change in operation of the installation, he must, at least 14 days before making the change, notify the regulator in writing. The notification must contain a description of the proposed change in operation. It is not necessary to make such a notification if an application to vary this permit has been made and the application contains a description of the proposed change. In this condition 'change in operation' means a change in the nature or functioning, or an extension, of the installation, which may have consequences for the environment,
- 13 The operator shall have regard to Process Guidance Note 6/31(13)

Table 1 - Emission limits, monitoring and other provisions

Row	Substance	Source	Emission limits / provisions	Type of monitoring	Monitoring frequency
Whole site and all authorised emission points					
1	Visible emissions	Site	No visible emissions to cross site boundary	Operator observations	Once a day during operation
2	Particulate matter	Emissions from externally venting powder booths.	10mg/M ³	Manual extractive monitoring in accordance with BS6096	By 5 th June 2018 and annually
3	Particulate matter	Emissions from internally venting powder booths	10mg/M ³	Certification by the manufacturer that the equipment will meet the standard	On commissioning
4	Odour	Burn off oven	No offensive odour beyond the boundary	Operator assessment	At least once each time the oven is operated
<p>Notes</p> <p>All periodic monitoring results shall be checked by the operator on receipt and sent to the Council within 8 weeks of the monitoring being undertaken.</p> <p>The reference conditions for limits in Table 1 are: 273.1K, 101.3kPa, without correction for water vapour content.</p> <p>All periodic monitoring shall be representative and shall use standard methods. The Operator shall give not less than 7 days' notice of the date on which the monitoring shall take place.</p> <p>Emission limits do not apply during start-up and shut down. All emissions shall be kept to a minimum during these periods.</p>					

Right to Appeal

You have the right of appeal against this permit within 6 months of the date of the decision. You will normally be expected to pay your own expenses during an appeal.

You will be liable for prosecution if you fail to comply with the conditions of this permit. If found guilty, the maximum penalty for each offence if prosecuted in a Magistrates Court is £50,000 and/or 6 months imprisonment. In a Crown Court it is an unlimited fine and/or 5 years imprisonment. Our enforcement of your permit will be in accordance with the Regulators' Compliance Code

Where any condition of this Permit refers to the whole or parts of different documents, in the event of any conflict between the wording of such documents, the document with the most recent publication date shall be taken to be the most appropriate document to be used.

Appeals relating to installations in England should be received by the Secretary of State for Environment, Food & Rural Affairs. The address is as follows;

The Planning Inspectorate
Environment Team, Major and Specialist Casework
Room 4/04 – Kite Wing
Temple Quay House
2 The Square
Temple Quay
Bristol, BS1 PN

The appeal must be in the form of a written notice or letter stating that the person wishes to appeal and listing the condition(s) which is/are being appealed against. The following five items must be included;

- (a) A statement of the ground of appeal;
 - (b) A copy of any relevant application;
 - (c) A copy of any relevant Permit;
 - (d) A copy of any relevant correspondence between the person making the appeal ("the appellant") and the Council;
 - (e) A statement indicating whether the appellant wishes the appeal to be dealt with.
- By a hearing attended by both parties and conducted by an inspector appointed by the Secretary of State; or
 - By both parties sending the Secretary of State written statements of their case (and having the opportunity to comment upon one another's statements).

At the same time, the notice of appeal and documents (a) and (e) must be sent to the Council, and the person making the appeal should inform the appropriate Secretary of State that this has been done.

- An appeal will not suspend the effect of the conditions appealed against; the conditions must still be complied with.
- In determining an appeal against one or more conditions, the Act allows the Secretary of State in addition to quash any of the other conditions not subject to the appeal and to direct the local authority to either vary any of these conditions or to add new conditions.

Interpretations and Explanatory Notes

These interpretations and explanatory notes does not form part of your Environmental Permit conditions, however they do provide useful information about the Environmental Permitting Regulations:

In relation to this Permit, the following expressions shall have the following meanings:

<i>"Activity"</i>	An activity listed in Part 2 of Schedule 1 to the EP Regulations which will form part of an EP installation or be a mobile plant
<i>"The EPR / EP Regulation"</i>	Means the Environmental Permitting (England and Wales) Regulations 2016 (S.I 2016 No.1154) and words and expressions defined in the EPR shall have the same meanings when used in this Permit save to the extent they are explicitly defined in this Permit.
<i>"Change in Operation"</i>	In relation to an installation or mobile plant, a change in its nature or functioning or an extension which may have consequences for the environment.
<i>"Enforcement notice"</i>	A notice served by a local authority to enforce compliance with the permit conditions or require remediation of any harm following a breach of any condition.
<i>"Installation"</i>	A stationary technical unit where one or more activities listed in Part 2 of Schedule 1 to the EP Regulations are carried out and any other location on the same site where any other directly-associated activities are carried out, and any activities that are technically linked. The terms 'regulated facility' and 'installation' are, in effect, interchangeable for A(2) and B activities.
<i>"Operator"</i>	The person who has control over the operation of the installation/regulated facility (EP Regulation 7).
<i>"Permit"</i>	A permit granted under EP Regulation 13 by a local authority allowing the operation of an installation subject to certain conditions.
<i>"Pollution"</i>	Any emission as a result of human activity which may be harmful to human health or the quality of the environment, cause offence to any human senses, result in damage to material property, or impair or interfere with amenities and other legitimate uses of the environment (EP Regulation 2(1)).
<i>"Revocation notice"</i>	A notice served by the Regulator under EP regulation 22 revoking all or part of a permit.
<i>"Permitted Installation"</i>	Means the activities and the limits to those activities described in this Permit.
<i>"Monitoring"</i>	Includes the taking and analysis of samples, instrumental measurements (periodic and continual), calibrations, examinations, tests and surveys.
<i>"MCERTS"</i>	Means the Environment Agency's Monitoring Certification Scheme.
<i>"Fugitive Emission"</i>	Means an emission to air or water (including sewer) from the Permitted installation that is not controlled by an emission limit imposed by a condition of this Permit.
<i>"Regulator"</i>	Means any officer of Hertsmere Borough Council who is authorised under Section 108(1) of the Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in Section 108(1) of that Act.
<i>"Best Available Techniques (BAT)"</i>	<p>Best available techniques means the most effective and advanced stage in the development of activities and their methods of operation which indicates the practical suitability of particular techniques for providing in principle the basis for emission limit values designed to prevent, and where that is not practical, generally to reduce emissions and the impact on the environment as a whole.</p> <p>For those purposes:</p> <p>"Available techniques" means those techniques which have been developed on a scale which allows implementation in the relevant industrial sector, under economically and technically viable conditions, taking into consideration the cost and advantages, whether or not the techniques are used or produced inside the United Kingdom, as long as they are reasonably accessible to the Operator;</p> <p>"Best" means, in relation to techniques, the most effective in achieving a high general level of protection of the environment as a whole;</p> <p>"Techniques" includes both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned. Schedule 2 of the Regulations shall have effect in relation to the determination of best available techniques.</p>



The boundary of the site is shown in red.

