

Worcester City Council

Permit with introductory note

**Environmental Permitting (England and Wales)
Regulations 2016**

Installation address

Wickens Engineering Ltd.

1 Shire Business Park

Wainwright Road

Warndon

Worcester

WR4 9FA

Permit Reference: PPC45/L50/3

Contact Details:
Worcestershire Regulatory Services
Technical Services
Wyre Forest House
Finepoint Way
Kidderminster
DY11 7WF
Tel: 01905 822799
wrsenquiries@worcsregservices.gov.uk

Introductory note

This introductory note does not form part of the permit

The following permit is issued under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016 (the "EP Regulations").

The Permit includes conditions that have to be complied with.

Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Process Guidance Note

The installation is designated as a Solvent Emission Activity and Process Guidance Note 6/23 (11) Revised June 2014 Secretary of State's Guidance for Coating of Metal and Plastic Processes applies.

Brief Description of the installation regulated by this permit

Coating of Metal and Plastic, as prescribed by part B of section 6.4 of Part 2 of Schedule 1 and Schedule 14 of the Environmental Permitting (England & Wales) Regulations 2016 (as amended).

Metal fabrications are sprayed with solvent containing coatings within one Haviland enclosed spraybooth and one Haviland semi-enclosed spraybooth. Parts are then dried in a gas fired drying oven. The process involves the use of between 5 and 15 tonnes per annum of solvents.

This permit consists of 10 pages including this explanatory note. The following plan is attached and forms part of the permit.

Appendix 1: Site plan showing the site boundary and spraybooth emission points

Annual subsistence charge

The holder of the permit is required to pay an annual subsistence charge, set by the Secretary of State. Failure to pay this fee could result in the revocation of this permit.

Variations to the permit

This permit may be varied in the future. If at any time the activity or any aspect of the activity regulated by the following conditions, changes such that the conditions no longer reflect the activity and require alteration, the regulator shall be contacted.

Surrender of the permit

Where an Operator intends to cease the operation of an installation (in whole or in part) the regulator should be informed in writing, such notification must include the information specified in Regulation 24(3) of the EP regulations.

Transfer of the permit or part of the permit

Before the permit can be wholly or partially transferred to another person, a joint application to transfer the permit has to be made by both the existing and proposed holders, in accordance with Regulation 21 of the EP regulations. A transfer will be allowed unless the Regulator considers that the proposed holder will not be the person who will have control over the operation of the installation or will not ensure compliance with the conditions of the transferred permit.

Responsibility under workplace health and safety legislation

This permit is given in relation to the requirements of the EP regulations. It must not be taken to replace any responsibilities you may have under Workplace Health and Safety legislation.

Appeal against permit conditions

Anyone who is aggrieved by the conditions attached to a permit can appeal to the Secretary of State for the Environment, Food and Rural Affairs. Appeals must be made in accordance with the requirements of Regulation 31 and Schedule 6 of the EP regulations.

Appeals should be received by the Secretary of State for Environment, Food and 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 6PN

Please note

An appeal brought under Regulation 31 (1) (b) and Schedule 6, in relation to the conditions in a permit 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 Regulator either to vary any of these other conditions or to add new conditions.

End of introductory note

Permit issued under the Environmental Permitting (England & Wales) Regulations 2016

Permit Number
PPC45/L50/3

Worcester City Council ("the Regulator") in exercise of its powers under Regulation 13 of the Environmental Permitting (England & Wales) Regulations 2016 hereby permits:

Wickens Engineering Ltd. (the Operator")

Whose registered office is:
1 Shire Business Park
Wainwright Road
Warndon
Worcester
WR4 9FA
Registered No. 1371393

To operate an installation at:

1 Shire Business Park
Wainwright Road
Warndon
Worcester
WR4 9FA

To the extent authorised and subject to the conditions of the permit the above named company is permitted to operate a metal/plastic coating process.



Signed
Mr.S.R.Williams
An Authorised Officer of the Council

Date 13.3.2018

PERMIT CONDITIONS

This permit is issued subject to compliance with the following conditions listed below. Unless otherwise stated, these conditions shall come into effect immediately:-

Emission Limits, Monitoring and other Provisions

1. All releases to air, other than condensed water vapour, should be free from persistent visible emissions.
2. All emissions to air should be free from droplets.
3. There should be no offensive odour beyond the site boundary, as perceived by the regulator.
4. All spraybooths should be continuously monitored to indicate the performance of the particulate filters, by using equipment such as a pressure drop indicator.
5. The operator shall keep records of inspections, tests and monitoring, including all non-continuous monitoring, inspections and visual assessments. The records shall be:
 - kept on site
 - kept by the operator for at least two years; and
 - made available for the regulator to examine
6. In the case of abnormal emissions, malfunction or breakdown leading to abnormal emissions the operator should.
 - investigate immediately and undertake remedial action
 - adjust the process or activity to minimise those emissions; and
 - promptly record the events and action taken
7. The regulator must be informed without delay if there is an emission that is likely to have an effect on the local community.

The Solvent Reduction Scheme

8. The requirements of the 'Reduction Scheme' must be complied with.

To achieve compliance with the Reduction Scheme the operator shall demonstrate, annually, by calculation that the mass emission of VOC to atmosphere is less than or equal to the 'Target Emission'. The Target Emission being the mass of all solid coating materials multiplied by a factor to give the maximum allowable VOC emission as shown in Table 1.

Table 1

Solvent Consumption per Annum	Target Emission
5-15 Tonnes	Total Mass of Solids x 0.6
15 Tonnes or more	Total Mass of Solids x 0.37

Determination of Solvent Consumption

9. The operator shall construct an inventory of solvent use within the installation. This shall be used to determine the actual emissions annually in order to comply with condition 8.

The inventory shall be carried out by recording:

- The mass of organic solvent contained in coatings, diluents and cleaners in the initial stock (IS) at the start of the accounting period; plus
- The mass of organic solvent contained in coatings, diluents and cleaners in the purchased stock (PS) during the accounting period.
- Minus the mass of organic solvent contained in coatings, diluents and cleaners in the final stock (FS) at the end of the accounting period.

$$\text{Total Organic Solvent Input (I}_1\text{)} = \text{IS} + \text{PS} - \text{FS}$$

The inventory shall specifically and separately identify any VOC carrying any R-Phrases.

Having calculated total solvent input (I_1), the operator shall then calculate solvent consumption by subtracting from the input figures any solvent that is sent out for recovery.

$$\text{Hence: } C \text{ (consumption)} = I_1 - O_8 \text{ (recovered solvent)}$$

The inventory and consumption data shall be submitted to the regulator for the previous calendar year annually by the 1st February.

10. At no time shall the operator introduce any substance or preparation into the installation that is labelled with the Hazard Statement H340, H350, H350i, H360D, H360F, H341 or H351, without the prior written consent of the regulator. Substances or preparations already in use shall be replaced with non-designated substances, or controlled contained and limited in accordance with a scheme to be submitted to the regulator within 3 months of the issue of this permit.

Control Techniques

11. All potentially odourous waste should be stored in suitable closed containers.
12. Storage of coating materials should be within a bunded area and the bunding should
 - Completely surround the storage containers
 - Be impervious and resistant to the liquids in storage; and
 - Be capable of holding 110% of the capacity of the largest storage container.
13. Coatings containing VOC should be stored in closed storage containers.
14. Emissions from the mixing or transfer of materials should be adequately contained, preferably by the use of closed transfer systems.
15. Cleaning operations involving organic solvents should be reviewed at least every two years and the report on the conclusions forwarded to the regulator.
16. Application of cleaning solvents should be carried out using enclosed cleaning systems, wherever possible.
17. Suitable organic solvent containment and spillage equipment should be readily available in all organic solvent handling areas.
18. Stacks or vents should not be fitted with any restriction at the final opening such as a plate, cap or cowl, with the exception of a cone which may be necessary to increase the exit velocity of the emissions.
19. A high standard of housekeeping should be maintained.

Management

20. Training of all staff with responsibility for operating the process should include:
 - Awareness of their responsibilities under this permit; in particular how to deal with conditions likely to give rise to VOC emissions, such as in the event of spillage
 - Minimising emissions on start-up and shutdown
 - Action to minimise emissions during abnormal conditions.
21. The operator should 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 on the environment. These documents should be made available to the regulator on request.

22. A record of maintenance should be made available for inspection by the regulator.
23. 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 the permit has been made and the application contains a description of the proposed change. In this condition 'change in operation' means change in the nature or functioning, or an extension, of the installation, which may have consequences for the environment.
24. The operator shall use the best available techniques for preventing, or where this is not practical, reducing emissions from the installation.

References

1. The Secretary of State's Guidance PG 6/23 (11) Revised June 2014 Coating of Metal and Plastic Processes.
2. The Secretary of State's General Guidance Manual on Policy and Procedures for A2 and B installations.

APPENDIX 1

