



CHARNWOOD BOROUGH COUNCIL

POLLUTION PREVENTION AND CONTROL ACT 1999

**ENVIRONMENTAL PERMITTING (ENGLAND AND WALES)
REGULATIONS 2016**

PERMIT REF. NO. 150

Charnwood Borough Council hereby permits, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

J C Metalworks Ltd

whose registered office is:

**J C Metalworks Ltd Bishop Meadow Road Loughborough Leicestershire
LE11 5RE**

To operate a Powder coating Process at:

**J C Metalworks Ltd Bishop Meadow Road Loughborough Leicestershire
LE11 5RE**

subject to the conditions outlined in this document. The conditions contained herein shall apply from the date of the Permit unless otherwise stated.

Name	Date
Ann Green	06/03/17

Authorised on behalf of Charnwood Borough Council

Permit issued by:
Regulatory Services, Environmental Protection Southfields, Southfields Road,
Loughborough, Leicestershire LE11 2TX

Introductory note

This introductory note does not form a part of the permit

The permit is issued under the Environmental Permitting (England and Wales) Regulations 2016 (SI 2016/1154) as amended, ("the EP Regulations"), to operate an installation carrying out activities covered by the description in Section 6.4 ,Schedule 1 of the EP Regulations, namely any process that apply dry coating powders (hereinafter referred to as the 'Activity').

Status Log

The status log of the permit sets out the permitting history, including any variations issued.

Status Log

<i>Detail</i>	<i>Date</i>	<i>Comment</i>
Application 150	Received 28 October 2012	Duley Made 28 November 2012
Permit determined	28 November 2012	
Draft Permit issued	30 Jan 2013	Not issued due to review of guidance note
Permit issued	31 March 2014	Permit Issued
Variation Notice	6 March 2017	Varied Permit Issued

Origins of the conditions contained in the permit

The Secretary of State has issued various guidance notes to local authorities to assist with determining conditions. The conditions within this permit have been derived from the following guidance note;

PG 6/31 (13) Statutory Guidance for Powder Coating Including Sherardizing and Vitreous Enamelling Dry.

Activity Description

The purpose of the installations is to provide a full integrated manufacturing and metal fabrication service including laser cutting, punching, forming, powder coating, assembly and packing.

The process includes a pre-treatment plant which uses a degreaser/phosphate solution to clean metal prior to coating, together with curing and drying ovens.

Plant Operation

The Pre-Treatment Plant, The degreaser/phosphate solution is diluted with water and sprayed in a contained environment at the products as there are transported though the booth. The concentration is controlled by an automatic dosing system.

Powder Coating Plant. Powder coating is applied in ITW Gema fully enclosed and automated system

Principle Emissions

There are 5 stacks serving the installation , two service the drying and curing ovens with 3 vents carrying emissions from the Phosphate Cleaning Plant.

The installation boundary and key items of equipment mentioned in permit conditions are shown in the Appendices attached to this permit.

End of Introductory Note.

The above named company is authorised to operate the activities and /or associated activities as specified below:-

Activity listed in Schedule 1 of EPR regulations/ associated activity	Description of specified activity	Limits of specified activity
Storage and handling of raw materials	Storage of Powder Coating, phosphate solutions, paints and solvents	Receipt and storage of raw materials
Surface cleaning	Preparation of components for powder coating activities using phosphate degreasing solution	Preparation activities within the buildings outlined in site layout plant .Appendix 2
Coating activities using powders	Coating of components	Coating of components in sealed coating plant
Storage and handling of solid and liquid wastes	Storage of waste including pre-treatment solutions, coating and paint	From separation of waste to dispatch from installation

Subject to compliance with the following conditions:

Permit conditions

Emissions

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

Process controls

2. Odour emissions shall be minimised by:
 -) controlling oven temperatures;
 -) controlling acid fume emissions;
 -) not using curing ovens to clean jigs
3. The operator shall ensure that mist eliminators shall be fitted where there is potential for mist emissions.

Bulk, loose, dry material - storage and loading

4. Dusty materials (including dusty wastes) shall only be stored in locations as detailed on the plan 02/150 attached to the end of this permit. Their storage and transfer shall be subject to suppression and management techniques to minimise dust emissions. No potentially dusty materials (including wastes) or finished products shall leave the site other than by use of sealed bags or lidded containers.

Monitoring provisions

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

Table 1.

Substance	Source	Emissions Limit / Requirement	Type of monitoring (see notes a-d)	Frequency
Waste gases	Curing & Drying ovens	No visible emissions	Operator observations	At least once during pre-treatment operation
Droplets, persistent visible emissions and odour	All releases to air (except steam and condensed water vapour)	No droplets, persistent visible emissions or other abnormal emission outside site boundary	Operator olfactory assessment	At least daily

Notes:

- a) *The reference conditions for limits in Table 1 are 273.1k,101.3kpa without correction for water vapour content.*

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. Records shall be kept of such maintenance.
8. 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 and monitoring shall be kept by the operator for at least 24 months. They shall be made available for examination by the Regulator. Records shall be kept of operator inspections, including those for visible and odorous emissions.
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.

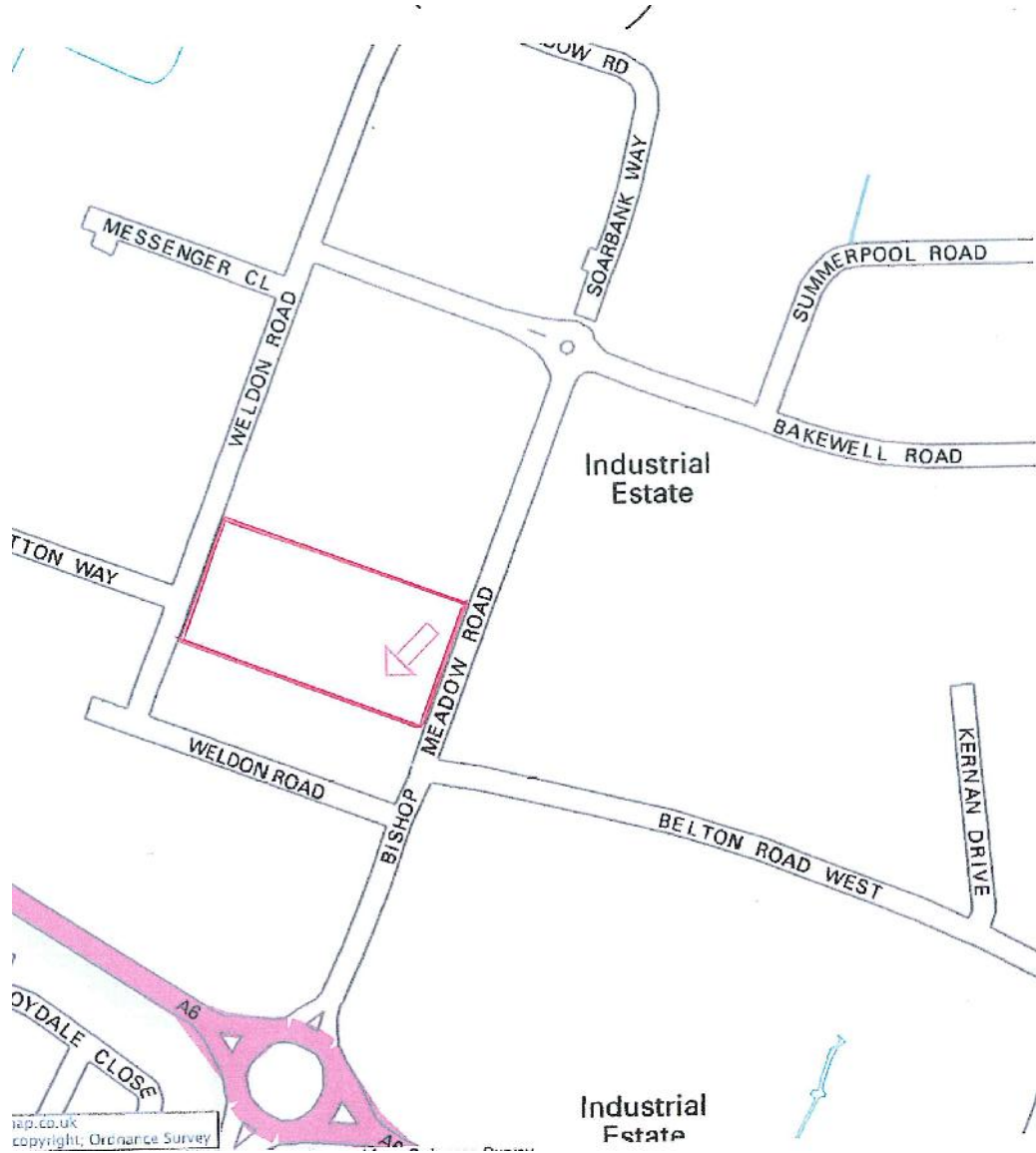
Best available techniques

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.

End of conditions

Appendix I

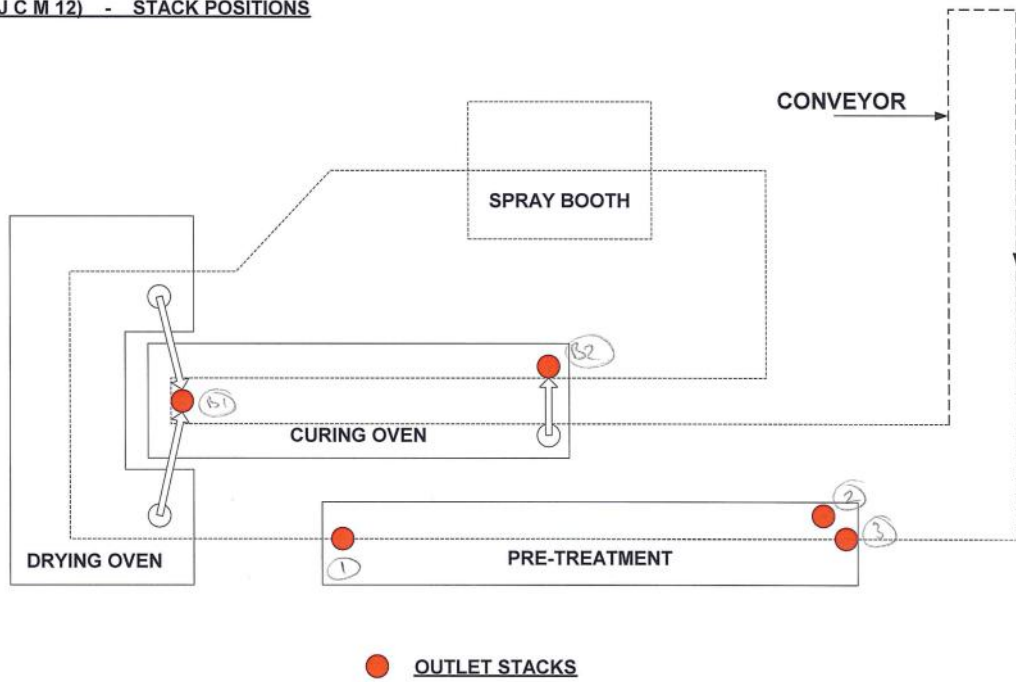
Site Location Plan (01/150)



Appendix 2 Site Layout (2/150)

J C METALWORKS LIMITED

(J C M 12) - STACK POSITIONS



Explanatory Notes

These notes do not comprise part of the permit but contain guidance relevant to it.

Inspections

Regular inspections will be made by officers of Charnwood Borough Council (without prior notice), in order to check and ensure full compliance with this permit.

BAT (Best Available Techniques)

The Permit includes conditions that have to be complied with. It should be noted that aspects of the operation of the installation which are not regulated by conditions of the Permit are subject to the implied condition that the Operator shall use the best available techniques for preventing or, where that is not practicable, reducing emissions from the installation. Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Change in Operation of the Installation

If you, the operator proposes to make a change in operation of the installation you must at least 14 days before making the change, notify Charnwood Borough Council 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. A 'change in operation' means a change in the nature or functioning, or an extension, of the installation, which may have consequences for the environment.

Health and Safety at Work and Other Statutory Requirements

The responsibility you have under legislation for Health, Safety and Welfare in the workplace remains in force. In addition, the Permit does not relieve you of your obligations to obtain planning permission, hazardous substances consent, discharge consent from the Environment Agency, Building Regulations approval, or some Waste Disposal Licences.

Submission of Information

Note that the Permit requires the submission of certain information to the Local Authority (LA). In addition, the LA has the power to seek further information at any time under the EP Regulations provided that it acts reasonably.

Public Registers

Considerable information relating to Permits including the Application is available on public registers in accordance with the EP Regulations. Certain information may be withheld from public registers where it is commercially confidential or contrary to national security. The onus is on the Operator to provide a clear justification for each item to be kept from the register. Applications for information to be excluded from the Public Register on grounds of National Security should be made to the Secretary of State.

Variations to the Permit

This Permit may be varied in the future (by the LA serving a Variation Notice on the Operator). If the Operator itself wants any of the Conditions of the Permit to be changed, it must submit a formal Application. The Status Log within the Introduction 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.

Surrender of the Permit

Where the Operator intends to cease the operation of an installation (in whole or in part) The LA should be informed in writing, such notification must include the information specified in the EP Regulations.

Transfer of the Permit or part of the Permit

Before the Permit can be wholly or partially transferred to another person, an Application to transfer the Permit has to be made jointly by the existing and proposed holders. A transfer will be allowed unless the LA considers that the proposed holder will not be the person who will have control over the operation of the installation or will not comply with the conditions of the transferred Permit.

Annual Subsistence Fee

Under the EP Regulations the holder of a permit is required to pay a fee for the subsistence of the permit. This fee is payable annually on 1st April. You are advised that under the provisions of the EP Regulations, if you fail to pay the fee due promptly, Charnwood Borough Council may revoke the permit. You will be contacted separately each year in respect to this payment.

Talking to us

Please quote the Permit Number if you contact Charnwood Borough Council about this Permit. To contact Charnwood Borough Council please use the telephone number 01509 634636 or any other number notified in writing to the Operator by Charnwood Borough Council for that purpose.

Right To Appeal

Anyone who is aggrieved by the conditions attached to a Permit can appeal to the Secretary of State. Appeals must be sent within 6 months from the date of the permit (normally the date on the bottom of the permit).

Appeals should be addressed as follows:-

The Planning Inspectorate
Environmental Appeals Administration
Room 4/19 Eagle Wing
Temple Quay House
2 The Square
Temple Quay
Bristol BS1 6PN

An appeal will not suspend the effect of the conditions appealed against; the conditions must still be complied with.

There are no forms or charges for appealing. However for an appeal to be valid, appellants are legally required to provide information detailed below:

- i. A statement of the grounds of appeal
- ii. A copy of any relevant permit
- iii. A copy of any relevant correspondence between the appellant and the regulator
- iv. A statement indicating whether the appellant wishes the appeal to be in the form of a hearing or dealt with by way of written representations.

At the same time, the notice of appeal and documents (i) and (iv) must be sent to the Council.

In determining an appeal against one or more conditions, the Regulations allow the Inspector or Secretary of State to affirm or quash conditions or to add new conditions

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 an unlimited fine and/or 12 months imprisonment. In a Crown Court it is an unlimited fine and/or a 5 years imprisonment.

Our enforcement of your permit will be in accordance with the Regulator's Compliance Code.