



MANCHESTER
CITY COUNCIL

Permit with introductory note

Pollution Prevention and Control Act 1999
Environmental Permitting (England and Wales) Regulations 2007

**Sapphire Garage Ltd
Units 1 – 3 Quantum Trade Park
Monsall Road
Manchester
M40 8FX**

Permit Number

PPC/B/01/10/RM

Introductory Note

This introductory note does not form a part of the Permit

The following Permit is issued under Regulation 21 and 13 of the Environmental Permitting (England and Wales) Regulation 2007 ("the EP Regulations") to operate an installation carrying out one or more of the activities listed in Part 1 to Schedule 1 of those Regulations, to the extent authorised by the Permit.

The Permit includes the conditions that have to be complied with. It should be noted that aspects of the operation of the installation which are not regulated by those conditions are subject to the guidance and recommendations detailed within the Process Guidance notes 6/34b (06) as amended. 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.

Brief description of the installation regulated by this Permit

Summary

The purpose of the activity at the installation is the respraying of road vehicles involving the use of more than 1 tonne of organic solvents in any 12 month period, including all storage and handling activities, as defined in Part B of section 6.4 (Coating Activities) of Schedule 1 to the Environmental Permitting (England and Wales) Regulations 2007, SI 2007 No 3538, (as amended).

Confidentiality

The permit requires the Operator to provide information to the Environmental Health Division of Manchester City Council ('the Council'), which it will place onto the public register in accordance with the requirements of the EP Regulations. If the Operator considers that any information provided is commercially confidential, it may apply to the Council to have such information withheld from the register as provided in the EP Regulations. To enable the Council to determine whether the information is commercially confidential, the Operator should clearly identify the information in question and should specify clear and precise reasons.

Variations to the Permit

This Permit may be varied in the future. The Status Log within the Introductory Note to any such variation 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. 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."

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 only be allowed when the Council considers that the proposed holder will be the person who will have control over the installation or will ensure compliance with the conditions of the transferred Permit. If the Permit authorises the carrying out of a specified waste management activity, then there is a further requirement that the transferee is considered to be a "fit and proper person" to carry out that activity.

For definitions see section 6 of this Permit, 'Interpretations'.

Status log

Detail	Date	Comment
Request for Commercial Confidentiality	Not applicable	
Permit Granted	8 March 2010	

End of introductory Note.



MANCHESTER CITY COUNCIL

PERMIT

Environmental Permitting Regulations 2007

**Manchester City Council
Regulatory & Enforcement Services
Environmental Protection Group
1 Hammerstone Road, Gorton,
Manchester M18 8EQ**

Permit Number
PPC/B/01/10/RM

The Pollution Control Section, Regulatory and Enforcement Services at Manchester City Council in exercise of its powers under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2007, SI 2007 No 3538, hereby permits

Sapphire Garage Ltd (“the Operator”)

Whose Registered Office is:-

**Units 1 – 14, Enterprise Trading Estate
Lees Street, Gorton
Manchester
M18 8QU**

To operate an installation at

**Sapphire Garage Ltd
Units 1 – 3, Quantum Trade Park
Monsall Road
Manchester M40 8FX**

to the extent permitted by and subject to the schedule of this Permit.

Signed

Dated:

08 March 2010

Fiona Sharkey
Head of Regulatory and Enforcement Services

Permit Conditions

1. Emission Concentration Limits

- 1.1 The concentration of total particulate matter in the final discharge to air from each spray booth shall not exceed 10mg/Nm³.
- 1.2 The concentration of total particulate matter discharged from extracted sources other than from spray booths shall not exceed 50mg/Nm³.
- 1.3 All emissions shall be determined at the standard reference conditions of 273.15K and 101.3kPa, without correction for water vapour.
- 1.4 The introduction of dilution air to achieve emission concentration limits shall not be permitted. Dilution air may be added for waste gas cooling or improved dispersion where justified, but this must not be considered when determining the mass concentration of the pollutant in the waste gases.
- 1.5 The reference test method for particulate matter emissions in chimneys or ducts is that of British Standard BS 6069, Section 4.3 1992 and tests shall be carried out according to the main procedural requirements of that standard.
- 1.6 Emission limits for manufactured spray booths may be fulfilled by guarantee documentation supplied by the spray booth manufacturer, with agreement of the Council.
- 1.7 The operator shall keep records of inspections, test and monitoring in relation to the provisions of the above monitoring. In such cases:
 - current records shall be kept on site and made available for the regulator to examine
 - records shall be kept by the operator for at least two years
- 1.8 The operator shall notify the regulator at least 7 days before any periodic monitoring exercise to determine compliance with any emission limit values of this permit. The operator shall state the provisional time and date of monitoring, pollutants to be tested and the periods to be used.
- 1.9 Within 8 weeks of the completion of monitoring activities, the results of non-continuous emission testing shall be forwarded to the Council.
- 1.10 In the event of any adverse results from such monitoring activity in relation to the above emission limits, the operator shall investigate as soon as the results are received. The operator shall identify the cause and take corrective action, record details of the problem and the actions taken to rectify, and re-test to demonstrate compliance. The Council must be notified of such action.

- 1.11 In the event of abnormal emissions, or malfunctions or breakdown leading to abnormal emissions, the operator shall:

investigate immediately and undertake corrective action

adjust the process or activity to minimise those emissions and promptly record the events and actions taken

notify the Council without delay if the emission is likely to have an effect on the local community.

2. VOC Emissions

- 2.1 Surface preparations and painting operations shall be carried out using only coating materials, which are placed on the market for use in vehicle refinishing body shops (as identified by a label on the container containing the following information – a description of the product by identification of the contents as a subcategory of Directive 2004/42/CE, the relevant VOC limit values in g/l as referred to in Annex II of Directive 2004/42/CE and the maximum content of VOC in g/l of the product in a ready to use condition). For information, the individual body shop products that are covered by this permit are listed in Appendix 4 of Process Guidance Note 6/34b (06).
- 2.2 The products used in coating shall be prepared and applied in accordance with the suppliers' instructions. Under no circumstances shall the product be thinned with more than the supplier's stated quantity or percentage of thinner. For information, the maximum, application-ready VOC contents for the individual categories of products are listed in Appendix 5 of Process Guidance Note 6/34b (06).
- 2.3 All paint spraying operations shall be carried out in totally enclosed spray booths so as to prevent fugitive emissions of odour and particulate matter. Booths shall be fitted with automatic means to prevent spraying operations from continuing in the event of positive pressure within the booth.
- 2.4 All spray guns and equipment cleaning shall be carried out in an automatic, totally-enclosed equipment cleaning machine or any other equipment cleaning machine which can achieve comparable lower emissions. The cleaning machine shall be provided with the minimum of exhaust ventilation that is necessary to prevent the fugitive emission of organic solvent vapour when the machine is opened for introduction or removal of equipment, or for changing of cleaning solvent.
- 2.5 All spray gun testing and sprayout following cleaning shall be carried out in either an equipment cleaning machine with the extraction running into a chamber which is provided with extraction which is running in accordance with a written procedure a copy of which shall be made available to the Council upon request. The operator shall inform the regulator in writing of any significant changes to the written procedure.

- 2.6 All full and partially full containers which hold or have held materials that contain organic solvents shall be stored tightly lidded. Solvent soaked wiping cloths shall be held in enclosed containers after use.
- 2.7 Cleaning solvents shall be dispensed by use of a piston type dispenser or similar contained device, when used on wipes.
- 2.8 Pre-impregnated solvent wipes shall be held within an enclosed container prior to use.
- 2.9 Solvent contaminated wipes and other wastes shall be handled appropriately, and in accordance with a written procedure a copy of which shall be made available to the regulator on request. The operator shall inform the Council in writing of any significant changes to the written procedure.
- 2.10 Organic solvent containment and spillage equipment shall be readily available in all organic solvent handling areas.
- 2.11 All solvent containing coatings, thinners and related materials and equipment cleaning materials shall be stored in the containers in which they were supplied, with the lids securely fastened at all times other than when in use within spillage collectors, of suitable impervious and corrosion-proof materials and capable of containing 110% of the largest container. Such storage should be away from sources of heat.
- 2.12 Cleaning operations involving organic solvents shall be reviewed every two years, to identify opportunities for reducing VOC emissions. This will include identification of cleaning steps that can be eliminated or alternative cleaning methods. The Council shall be provided with a report on the conclusion of the review, within eight weeks of it being completed.
- 2.13 A record shall be kept of all paint, hardener, organic solvent and substrate and equipment cleaning materials used, including the organic solvent content of all products purchased. These records shall be submitted to the Council at least once a year.
- 2.14 Spares and consumables, particularly those subject to continual wear shall be held on site, or shall be available at short notice from guaranteed suppliers, so that spray booth and abrasive plant breakdowns can be rectified rapidly.
- 2.15 Waste solvents and waste coatings shall be recycled off site. Copies of receipts of waste materials sold for recycling shall be kept for three years and available for inspection by the Council.

- 2.16 All solvent containing wastes shall be stored
- in suitably sealed containers with a securely fastened lid, and labelled so that all that handle them are aware of their contents,
- within spillage collectors, of suitable impervious and corrosion-proof materials and capable of containing 110% of the largest container.
- away from sources of heat
- 2.17 Spray applied coating shall be applied to vehicles using the following method:
- high volume low pressure (HVLP) (maximum atomisation pressure 67.5kPa) spraying equipment
- 2.18 Each spray booth shall be designed to meet the emission concentration limit for particulate matter in Condition 1.1. The Council shall be provided with a guarantee from the spray booth constructor that any newly installed booth will meet this emission concentration limit, and the guarantee shall be supported by emission test data for the spray booth type that the guarantee relates to.
- 2.19 Where problems of particulate matter emissions from a spraybooth are perceived, a particulate matter emission monitoring exercise shall be required, even if a manufacturers' guarantee is available for the booth.
- 2.20 Where emission monitoring is required, adequate facilities for sampling shall be provided on vents or ducts. Care is needed in the design and location of sampling systems in order to obtain representative samples.
- 2.21 The height of chimneys and vents from process and arrestment plant shall not be less than 3 metres above the roof ridge height of any building within 15 metres of the base of the vent.
- 2.22 Spray booth discharge vents shall be designed for an efflux velocity of not less than 15 metres/second in normal operation.
- 2.23 Chimney flues and the ductwork leading to the chimney shall be adequately insulated to minimise the cooling of waste gases and prevent liquid condensation on internal surfaces.
- 2.24 Process vents shall not be fitted with any restriction at the final opening, for example a plate, cap or cowl.

3. Visible and odourous emissions

- 3.1 All emissions to air, other than steam and condensed water vapour shall be free from droplets, persistent mist and fume.
- 3.2 There shall be no offensive odour beyond the site boundary, as perceived by the Council.
- 3.3 Emissions from combustion processes shall in normal operation be free from visible smoke and in any case shall not exceed the equivalent of Ringlemann Shade 1, as described in British Standard BS 2742:1969.
- 3.4 All arisings of dry dusty materials shall be stored in closed containers to prevent wind entrainment of such materials prior to removal from site.

4. General Conditions

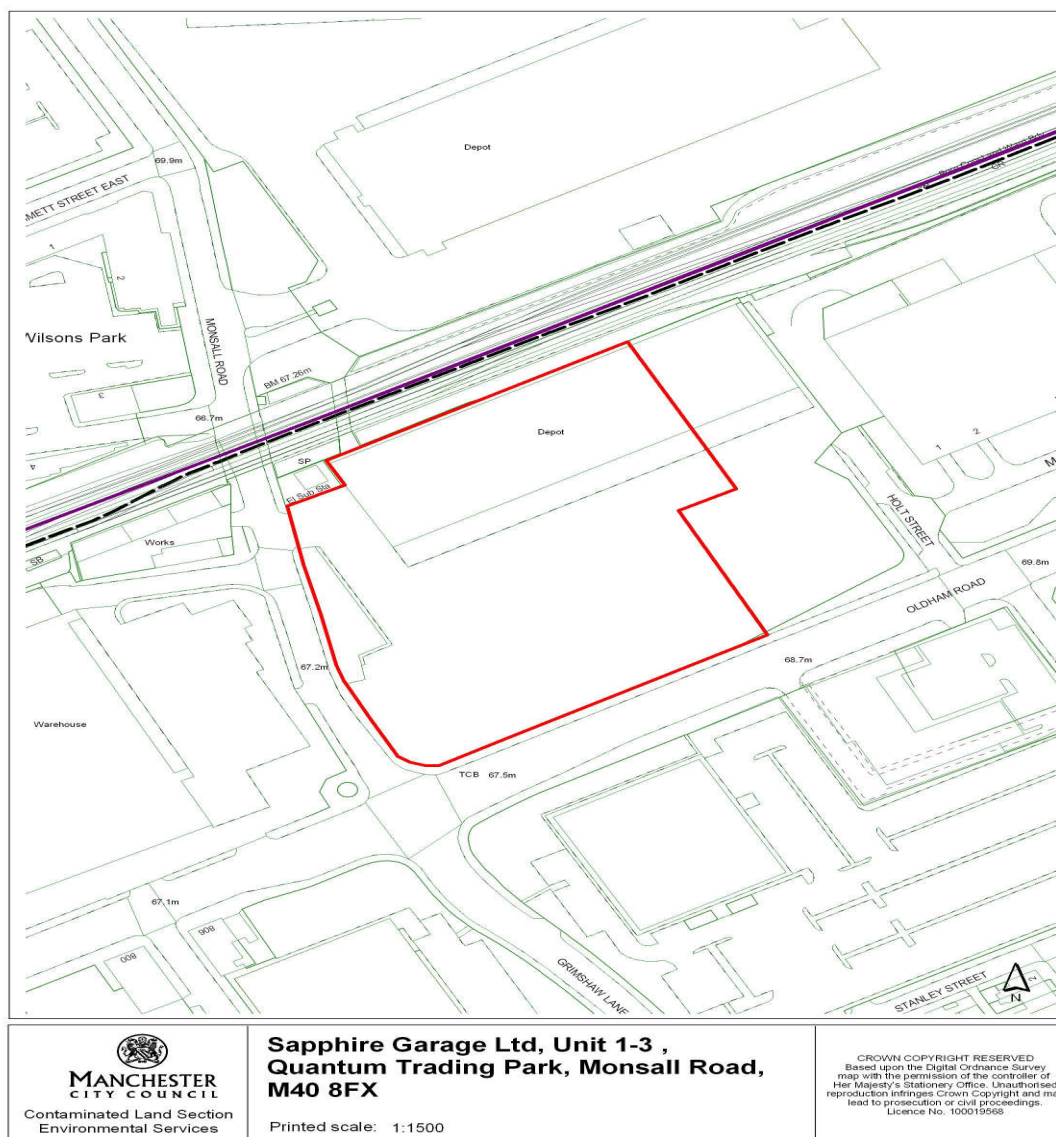
- 4.1 Preventive measures, such as the provision of power tools with extraction to arrestment equipment, shall be adopted to minimise fugitive emissions of odour and particulate matter to external air from operations such as grinding and sanding of fillers and painted surfaces.
- 4.2 The extract from such power tools shall be ducted to arrestment equipment capable of meeting the emission concentration limit for particulate matter in Condition 1.2. If the operation of such equipment is deemed to be causing nuisance an emission monitoring exercise shall be undertaken.
- 4.3 All spray booths at the installation shall be maintained in accordance with the manufacturers recommendations.
- 4.4 Dusty wastes shall be stored in closed containers and disposed of appropriately.
- 4.5 Dry sweeping of dust and dusty wastes shall not be used.
- 4.6 The operator shall implement a maintenance schedule a copy of which shall be made available to the Council upon request. The operator shall inform the Council in writing of any significant changes to the written procedure.
- 4.7 A written record of all maintenance carried out within the activity shall be kept and available to the Council on request. .
- 4.8 The activity shall operate in accordance with a recognised environmental management system (EMS). For information appropriate EMS are detailed in section 8 of the Process Guidance Note 6/34b (06), as amended.
- 4.9 A record of staff training and instruction, comprising the name of the trainee and the subject matter of the training, shall be maintained by the operator and sent to the Council on the 31 March once a year.

- 4.10 The operator shall maintain good house keeping throughout the premises of the installation.
- 4.11 The best available techniques (BAT) shall be used to prevent or, where that is not practicable, reduce emissions from the installation where this is not regulated by any other condition of this permit.

The Installation Boundary

- 5.1 The activities authorised within the Permit shall not extend beyond the Site, being the area shown highlighted on the plan below.

Map 1: Location of Sapphire Garage Ltd, Monsall Road, Manchester.
M40 8FX.



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6. Interpretation

6.1 In this Permit, the following expressions shall have the following meanings:

“Daily”

means a 24 hour period commencing at 00.00 hours

“Monitoring”

includes the taking and analysis of samples, instrumental measurements (periodic and continual), calibrations, examinations, test and surveys

“Organic solvent”

means any VOC which is used alone or in combination with other agents, and without undergoing a chemical change, to dissolve raw materials, products or waste materials, or is used as a cleaning agent to dissolve contaminants, or as a dissolver, or as a dispersion medium, or as a viscosity adjuster, or as a surface tension adjuster, or a plasticiser, or as a preservative.

“Permitted Installation”

means the activities and the limits to those activities in the respraying of road vehicles involving the use of more than 1 tonne of organic solvent in any 12 month period, and any ancillary operations including all storage and handling activities.

“Permit”

means the written permission to operate an installation prescribed for EPR – Environmental Permitting Regulations (the replacement for authorisation under (LAPPC and LAPC – Local Air Pollution Control).

“EP Regulations”

means the environmental Permitting (England and Wales) Regulations 2007 and words and expressions defined in the EP Regulations shall have the same meanings when used in this Permit.

“Staff”

includes employees, directors or other officers of the Operator, and any other person under the Operator's direct or indirect control, including contractors

“Volatile Organic Compound (VOC)”

means any organic compound having at 293,15 K a vapour pressure of 0.01 kPa or more, or having a corresponding volatility under the particular conditions of use. For the purpose of the Solvents Directive, the fraction of creosote which exceeds this value of vapour pressure at 293.15 K shall be considered as a VOC

“year”

means calendar year ending 31 December.

7. Written agreement to changes

7.1 When the qualification “or as otherwise agreed in writing” is used in a condition of this Permit, the Operator shall seek such agreement in the following manner:

- a** the Operator shall give the Council written notice of the details of the proposed change, indicating the relevant part(s) of this Permit; and
- b** such notice shall include an assessment of the possible effects of the proposed change (including waste production) on risks to the environment from the Permitted Installation.

7.2 Any change proposed and agreed in writing by the Council shall not be implemented until the Operator has given the Council prior written notice of the implementation date for the change. As from that date, the Operator shall operate the Permitted Installation in accordance with that change, and any relevant documentation referred to in this Permit shall be deemed as amended.

7.3 The address for writing to the Council shall be as follows,

Manchester City Council
Regulatory & Enforcement Services
Environmental Protection Group
1 Hammerstone Road, Gorton,
Manchester M18 8EQ

Contact Officer:	Rob Macdonald
Telephone Number:	0161 234 5166
Fax Number:	0161 274 7245
e-mail	<i>r.macdonald@manchester.gov.uk</i>

or as otherwise notified by the Council.

End of Permit

Appeal Against Permit Conditions

Anyone who is aggrieved by the conditions attached to a Permit can appeal to the Secretary of State for Environment, Food and Rural Affairs. Written appeals must be sent to the Secretary of State's delegate (the Planning Inspectorate) no later than six months from the date of issue of the Permit to the following address:

The Planning Inspectorate
Environment Appeals Administration
Room 4/19 – Eagle Wing
Temple Quay House
3 The Square
Temple Quay
Bristol BS1 6PN

The letter of appeal must include the following:

- A statement of the grounds of appeal;
- A statement indicating whether the appellant wishes the appeal to be dealt with by written representations or at a hearing;
- A copy of the relevant application;
- A copy of any relevant Permit;
- A copy of any relevant correspondence between the appellant and the and the regulator

At the same time, a copy of the appeal document including the first two items above must be sent to the Council at the following address

Manchester City Council
Regulatory & Enforcement Services
Environmental Protection Group
1 Hammerstone Road, Gorton,
Manchester M18 8EQ

Contact Officer:	Rob Macdonald
Telephone Number:	0161 234 5166
Fax Number:	0161 274 7245
e-mail	r.macdonald@manchester.gov.uk

Note:

An appeal will not suspend the conditions of the Permit from coming into effect.

In determining the appeal the Secretary of State, or the Planning Inspector, may direct the Local Authority to vary, remove or add conditions to the Permit and not solely make comment on those conditions that are the subject of the appeal itself.