
Corby Borough Council
Environmental Services
Working towards a Cleaner Environment

PERMIT WITH INTRODUCTORY NOTE

Environmental Permitting (England and Wales)
Regulations 2010

Installation Address

British Car Auctions
1,3,4 Baird Road
Willowbrook North Industrial Estate
Corby
Northants
NN17 5AE

Contact Details: Corby Borough Council, Planning and Environmental Services,
Deene House, New Post Office Square, Corby, Northants,
NN17 1GD
Tel: 01536 464052 Fax: 01536 464644

**Pollution Prevention and Control Act 1999
Environmental Permitting (England and Wales) Regulations 2010
Schedule 1**

Permit Reference No. P9/6

Contents

Section

- 1. Introductory Note and Description of Permitted Installation**
- 2. Permit Conditions**
- 3. Location of Permitted Installation and Site Plan**
- 4. Explanatory Memorandum including Appeals Procedure.**

Section One

Introductory Note & Description of Permitted Installation

**Pollution Prevention and Control Act 1999
Environmental Permitting (England and Wales) Regulations 2010
Schedule 1**

Permit Reference No. P9/6

Introductory Note

Permit Holder:	British Car Auctions
Installation Address:	1,3,4 Baird Road Willowbrook North Industrial Estate Corby Northants NN17 5AE
Registered Address of Company:	Headway House Crosby Way FARNHAM Surrey GU9 7XG

Provenance	Date
Application for Authorisation (EPA 90)	25 th October 2000
Authorisation issued	20 th March 2001
Permit 'deemed' application	1 st April 2003
Permit Issued (P9)	1 st April 2004
Revised Permit issued (P9/2)	3 rd July 2006
Revised Permit issued (P9/4)	20 th December 2007
Revised Permit issued (P9/4)	22 nd April 2008
Permit Review (P9/5)	5 th July 2011
Permit Review (P9/6)	15 th October 2012
Permit Transfer	1 st February 2017

British Car Auctions is hereby permitted by Corby Borough Council to carry on a Vehicle Respraying Process as prescribed in Section 6.4(B), of Schedule 1, of The Environmental Permitting (England & Wales) Regulations 2010 as described below and within the installation boundary as marked red on the attached plan reference P9/4/plan and in accordance with the conditions detailed in Section 2 of this Permit.

Signed.....  Date 1st February 2017
Environmental Protection and Private Sector Housing Manager

1.0 Process Description

- 1.1 The process operated is the respraying of road vehicles using more than half a tonne of volatile organic solvent in 12 months. As a whole the installation falls within Sections 6.4(B) of Schedule 1 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (as amended). Vehicle respraying had previously been defined under the legislation as a Solvent Emissions Directive (SED) activity. However now that the Paints Directive has been introduced into national law (VOCs in Paints, Varnishes and Vehicle Refinishing Products Regulations 2005, SI 2005/2773 Regulations) the implications of SED has been withdrawn for vehicle refinishers as under the regulations it will be an offence to market vehicle refinish paints, varnishes and refinishing products which do not comply with the VOC content standards specified in annex IIB of the directive unless for use in a PPC installation which meets SED standards.

The majority of vehicle resprayers in the UK use complaint coatings utilising water based paint systems.

- 1.2 The respraying of road vehicles can be broken down into the following stages:-

- (a) Preparing of the vehicle
- (b) Mixing the coating
- (c) Loading the spray gun
- (d) Applying the coating
- (e) Cleaning the gun
- (f) Drying the coating
- (g) Curing the coating.

The operations at British Car Auctions are the fleet preparation of vehicles for retail sales or leasing. Large volumes of vehicles are received and then processed at the installation. Three dedicated spraying operations are located at different points on the site. These are identified as Corby 1, 3 & 4 and are dedicated to process VW, Renault and Ford vehicles on each of the lines.

- 1.3 The preparation of the vehicle may include cleaning, surface preparation and panel rectification. Any dust or particulate produced is collected in local extraction units.

- 1.4 A variety of materials are used in the process which would include:-

- (i) Paint
- (ii) Primers
- (iii) Thinners
- (iv) Hardeners
- (v) Special Products.

The products used at British Car Auctions are water based coatings.

- 1.5 The materials are received in sealed containers and are stored in the paint store until required for use. Paint, clear lacquer and primers are activated in

the mixing room. Local fume extraction is provided in the mixing room to the outside.

- 1.6** All paint spraying takes place in the dedicated enclosed spray booths. The booths use a dry under floor particulate filters linked to the booth extraction systems. The booth will only operate under a negative pressure. The extracted air is discharged to atmosphere at a height of at least 3m above the roof ridge height of the building housing the booths. The booths/ovens heating is achieved by the combustion of natural gas. The system operated by Inchcape utilises two spray booths at each location. One booth is for application of primers. The vehicle is then pushed along on a 'skate' to the second booth where the base colour coat and laquer are applied. The vehicle is then pushed through into the second compartment of this booth where it is baked for approximately 20 minutes at 42°C.

The type and make of the booths at the site are as below:-

Business Line	Booth
Corby 1	Dalby - Primer and spray bake
Corby 3	Burntwood – Primer and spray bake
Corby 4	Burntwood – Primer and spray bake

- 1.7** Spray applications are carried out by the use of a high volume low pressure (HVLP) spray gun.
- 1.8** Any surplus material from the spraying operation not required for further use is stored in sealed containers in the paint mixing room.
- 1.9** Spray guns are cleaned after use in a fully enclosed gun cleaning machine in the mixing room.
- 1.10** The principal sources of releases to air from the process are:-
- (i) Particulates from preparation of vehicles
 - (ii) VOC emissions from storage of paint and preparation of paint
 - (iii) VOC emissions from paint spraying booths
 - (iv) VOC emissions from cleaning of spray guns.

Section Two

Permit Conditions

Pollution Prevention and Control Act 1999 Environmental Permitting (England and Wales) Regulations 2010 Schedule 1

Permit Reference No. P9/5

The conditions contained within this Permit are based upon Guidance Note PG 6/34 (11) 'Re-spraying of Road Vehicles'

The requirements of the conditions attached to this permit shall come into effect on the date indicated in the individual condition or if no date is indicated shall take effect forthwith.

1. Non – VOC emissions

1.1 Table 1 highlights the non- VOC limits that shall apply.

Table 1

Row		Source	Emission Limits/ Provisions	Type of Monitoring	Monitoring Frequency
1	Particulate Matter	From spray booths	10mg/Nm ³	By guarantee supplied by the spray booth constructor	None required
		[Abrasive blasting equipment and other sources (except spray booths)]	[50mg/Nm ³ for contained sources]	Manual extractive Testing in accordance with BS6069: Section 4.3 1992	[in accordance with the written plan]
2	Sulphur Dioxide	All processes/activities	1% wt/wt sulphur in fuel	Certification by supplier on first delivery, using test method astm d86 distillation	None required
		All processes/activities using gas oil as defined in the Sulphur Content of Certain Liquid Fuels Directive (1999/32/EC).	0.2% wt/wt sulphur in fuel (before 1/01/2008) 0.1% wt/wt sulphur in fuel (from 1/01/2008)		

1.2 All emissions shall be determined at the standard reference conditions of 273.15k and 101.3kPa, without correction for water vapour content.

- 1.3** 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.
- 1.4** All spray booths shall comply with the 10mg/m³ limit for particulate matter. A compliance certificate shall be obtained from the constructor with a guarantee that the booth will meet this emission concentration limit. This guarantee shall be accompanied by relevant and comprehensive test data supplied by the manufacturer and retained with the spray booth documentation.
- 1.5** The height of the chimney / vent from the spray booths shall not be less than 3 metres above the ridge of any building within 15 metres of the base of the chimney or vent.
- 1.6** The chimney/vent height of the spray booth shall take into account the need to render harmless any residual odour.
- 1.7** The chimneys shall not be fitted with any final opening restriction other than a cone fitted at the chimney exit to increase the efflux velocity. Discharge shall be vertically upwards.
- 1.8** The chimneys/vents shall all be inspected and cleaned regularly as necessary to prevent accumulations of material.
- 1.09** Dusty wastes shall be stored in closed containers and handled in a manner that avoids emissions.
- 1.10** Dry sweeping of dusty materials shall not be permitted unless there are environmental or health and safety risks in using alternatives.
- 1.11** The operator shall notify the regulator at least 7 days before any periodic monitoring exercise to determine compliance with emission limit values. The operator should state the provisional time and date of monitoring, pollutants to be tested and the methods used.
- 1.12** The results of non-continuous emission testing shall be forwarded to the regulator within 8 weeks of completion of the sampling.
- 1.13** Adverse results from any monitoring activity (both continuous and non-continuous) shall be investigated by the operator as soon as the monitoring data has been obtained. The operator shall identify the cause and take corrective action, clearly record as much detail as possible regarding the cause and extent of the problem, the remedial action taken, and re-test to demonstrate compliance as soon as possible, and inform the Regulator of the steps taken and the re-test results.
- 1.14** The Regulator shall be informed without delay, whether or not there is related monitoring showing any adverse results, if there is an emission that is likely to have an effect on the local community, or in the event of the failure of key arrestment plant.

2. VOC emissions

- 2.1 Evidence shall be retained to show that “compliant coatings” are being used as defined in Table 2 of this Permit.
- 2.2 The determination of solvent usage shall be made every **six** months and the figure submitted in writing to the Senior Pollution Control Officer at Corby Borough Council on 1st April and 1st October each year

Table 2

	Solvent grams per litre
Gunwash	850
Pre cleaner	200
Wash primer	780
Precoat	540
Primer surfacer	540
Non-sand surfacer	540
Primers for wet-on-wet topcoat application	540
Topcoats	
1 coat conventional	420
2 coat base and clear	420
3coat topcoat systems	420
Special products	840

- 2.3 Surface preparation and painting operations shall be carried out using only coating materials, which are placed on the market for use in vehicle refinishing bodyshops (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”).
- 2.4 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.
- 2.5 All paint spraying operations shall only be carried out in the totally enclosed spray booths.
- 2.6 Coatings containing VOC shall be stored in closed storage containers.
- 2.7 Cleaning operations involving organic solvents shall be reviewed every two to three years, to identify opportunities for reducing VOC emissions. This will include identification of cleaning steps that can be eliminated or alternative cleaning methods. The regulator shall be provided with a report on the conclusions of the review, within eight weeks of it being completed.
- 2.8 All spray gun testing and spray out following cleaning shall be done into the equipment cleaning machine with the extraction system running, or into a separate chamber which is provided with extraction, and a receptacle shall be

provided to collect the solvent which is put through the spray gun. The receptacle used to collect the solvent shall be kept lidded at all times when not in use.

2.9 Dispensing of cleaning solvents when used on wipes, shall be dispensed by a piston type dispenser or similar contained device.

2.10 Pre-impregnated wipes shall be held within an enclosed container prior to use.

2.11 Suitable organic solvent containment and spillage equipment shall be readily available in all organic solvent handling areas.

3. Visible and Odorous Emissions

3.1 All potentially odorous waste materials shall be stored in suitable closed containers or bulk storage vessels, where appropriate vented to suitable abatement plant.

3.2 All emissions to air, other than steam or water vapour shall be colourless, free from visible mist and free from visible fume and droplets.

3.3 Emissions from combustion processes shall, in normal operation be free from smoke and in any case shall not exceed the equivalent of Ringelmann Shade 1 as described in British Standard BS 2742: 2002.

3.4 A visual and olfactory assessment of the emissions from the Dalby and Eurotechno spray booths shall be made daily within the first 10 minutes of use to assess whether there is an emission of visible particulate matter or odour from VOC's. The assessment shall be recorded in the logbook.

3.5 All emissions shall be free from offensive odour outside the installation boundary as indicated in red on the attached plan **P9/5/Plan**. This will be monitored on a daily basis downwind at the installation boundary.

3.6 A logbook shall be kept specifically and solely for the purpose of recording all monitoring carried out under Conditions 3.4 and 3.5 of this Permit. The records contained in the log book shall be retained for at least four years and shall be made available for inspection by an Officer of the Enforcing Authority on request.

3.7 All operations such as welding, sanding and mechanical grinding shall be carried out within a building.

3.8 The local extraction system shall be used on all power tools, which are likely to give rise to odour, fumes or particulate matter.

3.9 All drums shall be kept tight shut.

3.10 All empty tins shall be tight closed or dried.

3.11 Organic solvent contaminated wipes and other wastes shall be dried or stored in bins.

4. General Conditions

- 4.1** Spraybooths shall be serviced and maintained in accordance with the manufacturers' recommendations so as to maintain the validity of the guarantee of emission concentration limit.
- 4.2** Coatings other than topcoats shall be applied by high volume low pressure spray equipment at a maximum pressure of 67.5kPa or air assisted airless equipment or electrostatic equipment or any other method achieving at least 65% paint transfer efficiency
- 4.3** Dirty solvent and waste shall be recycled on or off-site, copies of any receipts shall be kept for three years.
- 4.4** The operator shall keep records of inspections, tests and monitoring, including all non – continuous monitoring, inspection and visual assessments. Records will be kept on site, for at least two years and readily available for the Regulator to examine. If any records are kept off-site they shall be made available for inspection within one week at the request for the regulator.
- 4.5** The operator shall have a written maintenance programme for all pollution control equipment and a record of maintenance that has been undertaken.
- 4.6** In the case of abnormal emissions, malfunction or breakdown leading to abnormal emissions the operator shall, investigate and undertake remedial action immediately, adjust the process or activity to minimise those emissions, and promptly record the events and actions taken.
- 4.7** The operator shall provide a list of key arrestment plant, and shall have written procedures for dealing with its failure, in order to minimise any adverse effects.
- 4.8** A high standard of housekeeping shall be maintained.
- 4.9** Effective preventive maintenance on all plant and equipment concerned with the control to the air.
- 4.10** Essential spare and consumables (especially those subject to continual wear) shall either be held on site or available at short notice from suppliers in order to rectify breakdowns rapidly.
- 4.11** Staff at all levels shall receive the necessary formal training and instruction in their duties relating to control of the process and emissions to air. A record of each person's training and instruction shall be kept for the duration of their employment connected with the equipment described within this Permit. These documents shall be made readily available to the regulator on request.
- 4.12** 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.

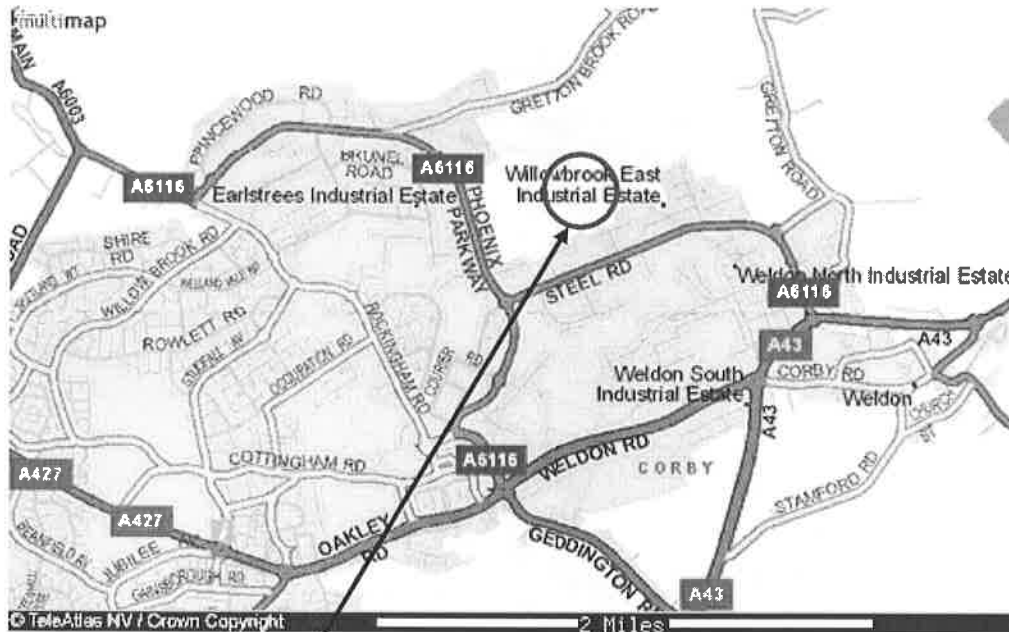
4.13 Complete and immediate access to the premises shall be granted to a duly authorised officer of the Local Authority upon request.

4.14 A copy of this Permit shall be kept on the premises.

Section Three

Location of Permitted Installation and Site Plan

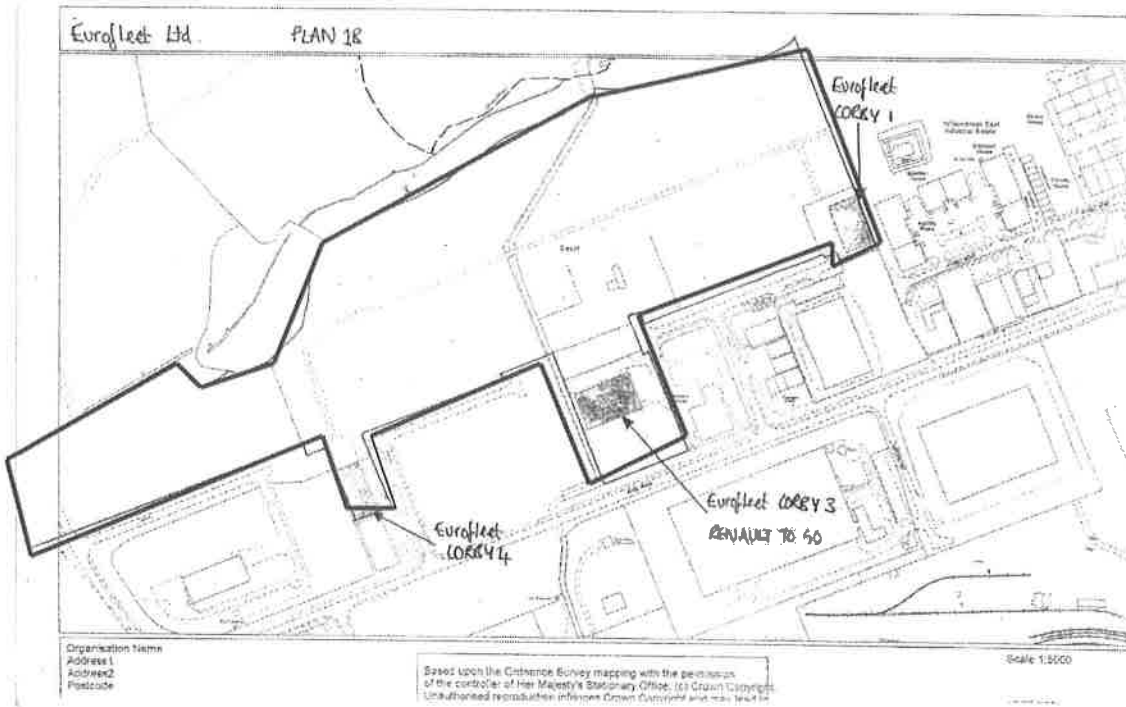
Site Location Map



British Car Auctions
Baird Road
Willowbrook North Industrial Estate
Corby
Northants
NN17 5AE

Site Plan P9/5/Plan

———— Site boundary in red



Section Four

Explanatory Notes And Appeals Procedure

Corby Borough Council
The Pollution Prevention Control Act 1999
The Environmental Permitting (England & Wales) Regulations 2010

EXPLANATORY NOTE

This note does not comprise part of this permit, but contains guidance relevant to it.

Health and Safety at Work and Other Statutory Requirements

This permit is issued under the Environmental Permitting (England & Wales) Regulations 2010. The responsibilities and duties you have under legislation for health, safety and welfare in the workplace remain in force. Activities must be operated in order to protect persons at work as well as the environment. In achieving conditions in this permit the operator must not adopt any course of action that would put at risk the health, safety or welfare of persons at work.

Similarly this permit does not detract from any other statutory requirement, such as:

- Hazardous substances consent from Corby Borough Council
- Discharge consent from the Environment Agency or Water Authority
- Building regulation approval from Corby Borough Council
- Waste management licence from the Environment Agency or
- Planning permission from Corby Borough Council.

Smoke Density Ringelmann Chart BS2742

A 'Ringelmann Chart' may be referred to in one or more of the conditions of this permit. This chart is used to determine the darkness of smoke. Ringelmann charts are available from BSI British Standards, 389 Chiswick High Road, London, W4 4AL, 020 8996 9001

The full size chart is viewed from at least 15 metres. A miniature chart (12mm x 6.9mm) is viewed from 1.5 metres usually at the end of a light rod. A micro version, less than postcard size and used at arms length is not recognised by the British Standard, although can be a practical and cost effective way in determining likely compliance.

The use of the charts is described in the British Standard or in brief in the current edition of the Pollution Control Handbook (published by Environmental Protection UK, 44 Grand Parade, Brighton, East Sussex, BN2 9QA, Tel: 01273 878 770).

Noise

This permit does not include the control of noise. Statutory noise nuisance is regulated separately under the provisions of Part III of the Environmental Protection Act 1990 and is also enforced by the local authority.

Variation of Permit

Under Section 20 of the Regulations, the Council has powers to vary the permit at any time. Section 20 of the Regulations also allows holders of a permit to apply to the Council to make changes to the conditions of their permit. Operators will be liable to enforcement action if they make a change without approval such that:

- either the activities (as changed) are not the activities which were originally permitted **or**
- a condition of the permit is not being complied with as a result of the change being made.

If either of the above points apply, contact Corby Borough Council to request the necessary forms.

The Secretary of State's "General Guidance Manual on Policy and Procedures for A2 and B Installations" (January 2008) gives advice on the variation procedure. Holders should be aware that it might take up to 4 months to determine an application for substantial variation. A copy of this guidance can be downloaded from

<http://www.defra.gov.uk/environment/quality/pollution/ppc/localauth/pubs/guidance/documents/ggmanual-2008-parta.pdf>

Permit Reviews

This permit shall also be subject to review from time to time by Corby Borough Council, in accordance with section 34 of the Regulations. The timing of this will be at the discretion of Corby Borough Council, but will relate to:

- A time period set by legislation, guidance or risk assessment,
- changes in the legislation/guidance,
- significant changes to the installation and the necessary updating of conditions and plans etc or
- new accepted standards of technology.

These reasons are not exclusive.

Change of Permit Holder

Section 21 of the Regulations allows the holder of a Permit to transfer it to a person who proposes to carry on the permitted activity in the holder's place. Both the current operator and the proposed transferee are required to make a joint application to the Council. The Council may request additional information prior to affecting the transfer. A fee must be paid to Corby Borough Council for a transfer. This fee is revised annually.

Statutory Guidance

The following guidance is relevant to your permit:

- General Guidance Manual on Policy and Procedures for A2 and B Installations (January 2008)

Both of these documents are available from Her Majesty's Stationery Office (HMSO), Publications Centre, P.O. Box 276, London, SW8 5BT. Telephone 0207 873 9090 or by downloading from

<http://www.defra.gov.uk/environment/quality/pollution/ppc/localauth/pubs/guidance/documents/ggmanual-2008-parta.pdf>

Annual Subsistence Charge

The annual subsistence charge for this activity now varies according to the perceived environmental risks of the installation. The subsistence charge is due on the 1st April each year and you will receive prior notification of the level of payment which you are required to make.

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. Appeals must be sent to the Secretary of State no later than 6 months from the date of the decision (normally the date at the end of the permit). Any Appeal is governed by Section 31 and Schedule 6 of the Regulations.

Appeals relating to processes in England should be sent to the:

Planning Inspectorate, Environmental Appeals Team, Room 4/04 Kite Wing, Temple Quay House, 2 The Square, Temple Quay, Bristol BS1 6PN.

Guidance on the appeals procedure is contained in chapter 30 of the aforementioned "General Guidance Manual on Policy and Procedures for A2 and B Installations", Defra (January 2008).

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 grounds 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:-
 - (i) by a hearing attended by both parties and conducted by the Planning Inspectorate or
 - (ii) by both parties sending the Planning Inspectorate written statements of their case (and having the opportunity to comment on 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 Secretary of State that this has been done.

Please note:

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 either to vary any of these other conditions or to add new conditions.

Contact Numbers

During office hours, Corby Borough Council can be contacted on 01536 464052, or by Fax on 01536 464644

Correspondence Address

All correspondence to Corby Borough Council relating to this information shall be addressed and marked for the attention of the Senior Pollution Control Officer:

**Corby Borough Council,
Environmental Quality
Deene House
New Post Office Square
Corby
Northamptonshire
NN17 1GD**

