

**Leicester
City Council**

**Local Authority - The Environmental Permitting
(England & Wales) Regulations 2010**

**Permit for coating and printing of metal packaging
and burning of waste oil in an appliance with
a rated thermal input of less than 0.4 MW**

**Crown Packaging UK Plc
Golf Course Lane
Braunstone
Leicester
LE3 1TX**

Permit Number- IPPC A202

Date - 18th September 2013

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Information Notes

The permit is issued under Regulation 13 of the Environmental Permitting (England & Wales) Regulations 2010 to operate an installation carrying out activities covered by the description in Schedule 1, Part 2, Section 1.1, Part B (b) (i) "Burning waste oil in an appliance with a rated thermal input of less than 3 Megawatts" and Section 6.4 A(2) (a) "Printing and Coating of Steel and Aluminium Food and Beverage containers using organic solvents, in plant with a consumption capacity of more than 150 kg per hour or more than 200 tonnes per year" (hereinafter referred to as the "Activity").

The permit includes conditions that must be complied with, but it should be noted that aspects of the operation of the installation which are not regulated by those conditions are subject to the Best Available Technique requirement. The Operator shall use the best available techniques for preventing or, where that is not practicable, reducing emissions from the installation 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, impair or interfere with amenities and other legitimate uses of the environment.

In most of the sections of this Permit the conditions require the Operator to use Best Available Techniques (BAT), in each of the aspects of the management of the installation, to prevent and where that is not practicable to reduce pollution. The conditions do not give detailed instructions on what is BAT in each circumstance. For details the operator should have particular regard to the equivalent section of the Integrated Pollution Prevention and Control (IPPC) sector guidance note SG3 titled "Secretary of State's Guidance for the A2 Ferrous Foundries Sector" and the appropriate Horizontal guidance (H1 to H4) and other guidance referred to in those documents. The guidance and the Operator's application will be used to assess whether improvements are needed. In the event of a prosecution, failure to act in accordance with either the guidance or the application may be used in evidence.

A non-technical description of the installation is given in the Application.

Superseded Licences / Authorisations / Consents relating to this installation:

Authority	Legislation	Date of Issue
Leicester City Council	Environmental Permitting Regulations 2007 Permit ref. IPPC A202/CP/09	15/09/2009
Leicester City Council	Environmental Permitting Regulations 2007 Permit ref. IPPC A202/CP/08	23/04/2008
Leicester City Council	Pollution Prevention & Control Regulations 2000 Permit ref. IPPC A202/CP	26/07/2004
Leicester City Council	Environmental Protection Act - Variation Notice. Ref. V032/98	12/03/1998
Leicester City Council	Environmental Protection Act- Authorisation ref. EPA 032/93	04/08/1993
Severn Trent	Water Industry Act 1991 Discharge to Sewer Consent	18/12/1978

Confidentiality

The Permit requires the Operator to provide information to Leicester City Council. The Council will place that information on to the Public Registers in accordance with the requirements of the 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 Regulations. To enable the Council to determine whether or not the information is commercially confidential, the Operator should clearly specify the information in question and provide clear and precise reasons for its confidentiality.

Variation to the Permit

This Permit may be varied in the future (by the Council serving a Variation Notice on the Operator) as per regulation 20 of the Environmental Permitting Regulations. If the Operator wishes to make a change in the operation of the installation the Council must be notified in writing at least 14 days before making the change. The notification must include a description of the proposed changes and if the Operator wants any of the Conditions in the Permit to be changed a formal Application to vary them must be submitted.

Conditions in this Permit will be reviewed periodically as per Regulation 34 of the Environmental Permitting Regulations.

Surrender of the Permit

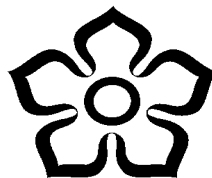
Before this permit can be wholly or partially surrendered, an Application to surrender the permit has to be made. For the Application to be successful, the Applicant must be able to demonstrate to the Council, in accordance to Regulation 24 of the Environmental Permitting Regulations, that there is no pollution risk and that no further steps are required to return the site to a satisfactory state.

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, in accordance with Regulation 21 of the Environmental Permitting Regulations. A transfer will be allowed unless the Council 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.

Contact Details

If you require any further details and applications forms mentioned above please contact the Pollution Team on 0116 252 6438 and speak to officer dealing with LA-IPPC installations.



Leicester
City Council

POLLUTION PREVENTION and CONTROL ACT 1999

PERMIT

The Environmental Permitting (England & Wales) Regulations 2010 Part 2

Permit Number - IPPC A202/CP

The Leicester City Council (hereinafter) referred to as the "Council", in the exercise of the powers conferred upon it by Regulation 13 of the Environmental Permitting (England & Wales) Regulations 2010 hereby authorises

Crown Packaging UK Plc ("the Operator")

Registered office address:

Borland Avenue
Botcherby
Carlisle
Cumbria
CA1 2TL

Company Registration Number: 178090

Ordinance Survey grid Reference: SK5452 0396

To Operate the Installation at:

Crown Packaging UK Plc
Golf Course Lane
Braunstone
Leicester
LE3 1TX

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

This Permit shall come into effect on 18th September 2013.

Signed:

Date: 18th September 2013

Evan Davies - Authorised to sign on behalf of Leicester City Council.

DESCRIPTION OF THE PROCESS

The manufacture, coating and printing of steel and aluminium food and beverage cans from a feedstock of aluminium and steel coils as described in the application for Permit duly made by the Operator to the Council on the 11th September 2003.

The operation consists of five production lines, three for the manufacture of food steel cans and two for the production of beverage aluminium cans.

- Aluminium and Steel coils are de-reeled and lubricated, and then fed into a cupping press.
- The cups are then drawn out in a body maker and cut to the required size in a trimmer.
- Oil and Coolants are then washed off the cans.
- Beverage cans are decorated, internal lacquer applied and cured, neck formed, flanged, tested for damage and contamination, packed on pallets and stored in the warehouse.
- Food cans are flanged, beaded for extra strength, checked for leaks and internal lacquer applied, cured in bake ovens, inspected for damage and contamination, packed on pallets and stored in the warehouse.
- Waste water from the production line is fed into a water effluent treatment plant.
- Emissions of volatile organic compounds into the air are primarily from the ovens.
- There is no abatement to control emissions of Volatile Organic Compounds into the air.

PERMIT CONDITIONS

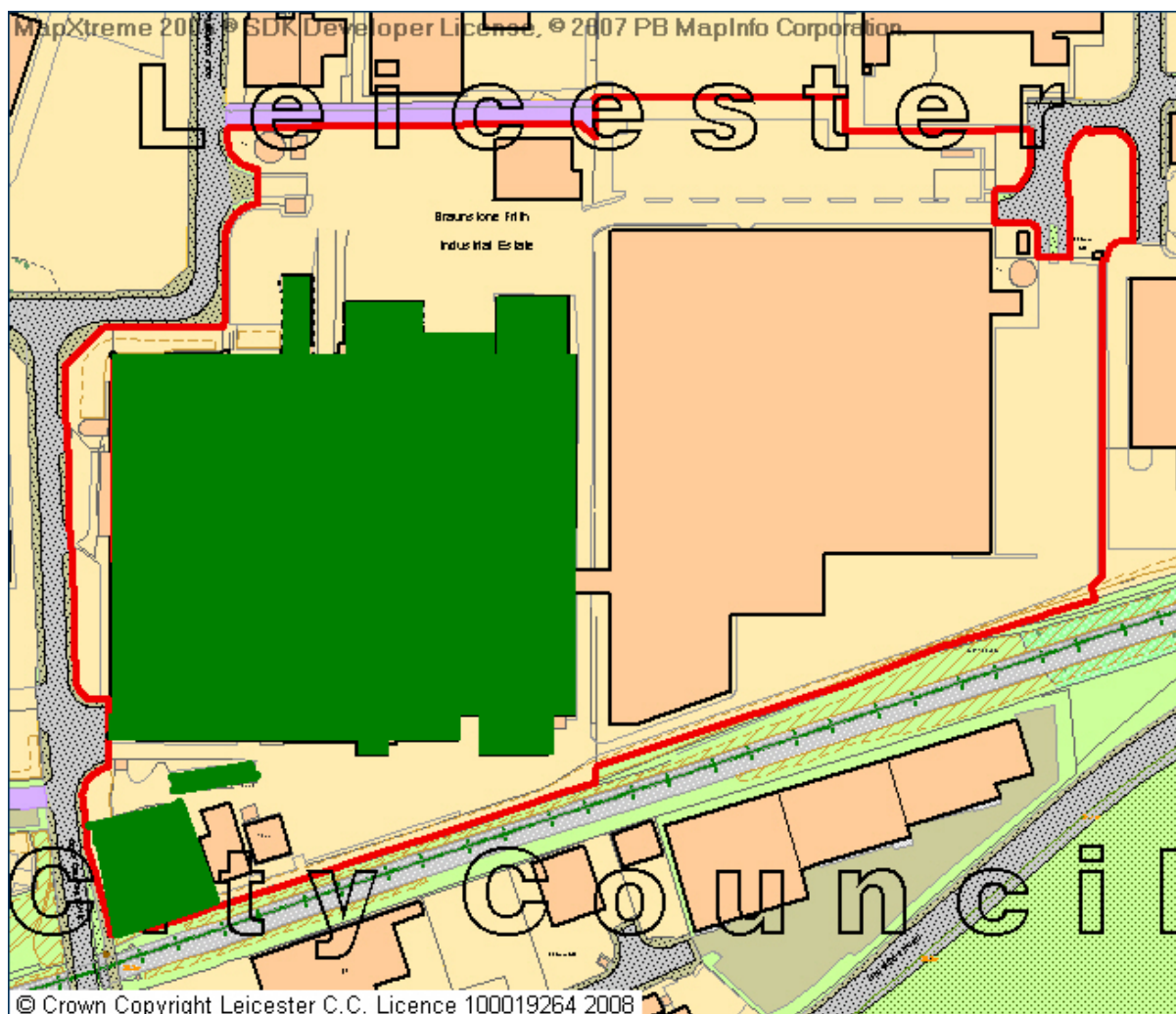
Condition 1

The operator is permitted to carry out the activities as specified in Table 1, within the site boundary outlined in red on Map 1. The 'Permitted Installation' is the shaded green area on the same map.

Table 1: Permitted activities

Activity under Schedule 1 of the Regulations and Associated Activity	Description of specified Activity	Schedule 1 Activity Ref (if applicable)	Limits of specified activity
Storage and handling of raw materials	Storage, sorting, bailing, de-reeling and lubricating of steel and aluminium coils	Directly associated activity	Receipt of raw materials to transfer to a cupping press
Manufacture of two piece Steel and Aluminium cans. The activity includes "Printing and Coating" of steel and aluminium containers using organic solvents in plant with a consumption capacity of more than 150 kg/hr or more than 200 tonnes per year.	An integrated can manufacture process, which includes stamping from steel or aluminium plate, drawing to form the can followed by application of lacquer coats internally and external coating prior to printing. The can bodies are then cured in an oven to fix lacquers / remove solvents prior to packaging and dispatch.	Section 6.4 Part A (2) (a)	Receipt of raw materials through specified activities to dispatch of finished products including release points into air and controlled waters.
Finishing activities	All components of the process operate in series. Fully automated system which, includes cupping press, body makers, trimmers, washer and oven, coater and oven, decorator and oven, spray machines and oven, pre-necker, necker / flanger, tester, pressco, palletiser, can handling, coating and lacquer bulk distribution system, compressed air supply, vacuum supply, vacuum scrap systems, coolant systems, water treatment systems, gas booster pumps, heating, ventilation and lighting.	Directly associated activity	Receipt of de-rolled and lubricated steel and aluminium plates to finished and packed steel and aluminium cans used for the food and beverage industries.
Waste water treatment	Waste water treatment plant	Directly associated activity	From the generation of waste water to the point of discharge into the foul sewer, storage of sludge in the holding tank.
Water discharges to foul sewers	Discharge of process from the installation	Directly associated activity	From waste water treatment plant.
Water Treatment	De-ionised water plant	Directly associated activity	Receipt of towns water to the point of use of de-ionised water.
Process Waste	Storing and handling of solid and liquid wastes, including the concentrated waste effluent (sludge).	Directly associated activity	From waste generated to waste disposal or re-use.
Chemical Storage	Storing and handling of raw materials.	Directly associated activity	From receipt of raw materials to the point of use.
Emissions to Air	Point source and Fugitive emissions into the atmosphere.	Directly associated activity	From specific points and areas to air.

Map 1: Site Boundary (red outline) and Permitted Installation (green area)



EMISSION LIMITS, MONITORING PROCEDURE & SAMPLING PROVISIONS

EMISSIONS TO AIR

Condition 2

Process emissions shall:

- discharge through a stack, as specified in Table 2
- achieve a sufficient exit velocity during normal operating conditions to achieve adequate dispersion
- not exceed the limits specified in Table 3
- be monitored in accordance with the parameters and frequencies specified in Table 3

Table 2: Point Source Emissions

Stack / Emission Point Ref / Description		Source	Abatement Plant	Pollutants emitted
Line	Ref No.	Description	Discharge Height m	
1	1	L1 washer front extract	10.25	
1	2	L1 IBO cooling zone extract	11.65	
1	7	L1 IBO front extract	11.35	V
1	8	L1 LSM Extract	11.05	P, V
2	1	L2 Washer front extract	12.05	
2	2	L2 IBO cooling zone extract	11.35	
2	8	L2 LSM extract	11.15	P, V
3	7	L3 washer front extract	9.65	
3	8	L3 deco inker extract	10.1	P, V
3	9	L3 coater extract	10.55	P, V
3	10	L3 coater pre-dry frame extract	10.85	P, V
3	11	L3 deco pre-dry frame extract	10.25	P, V
3	16	L3 washer oven extract	9.4	
3	17	L3 deco cooler extract	10.55	P
3	18	L3 coater cooling extract	10.95	
4	1	L4 washer front extract	10.05	
4	2	L4 IBO cooling zone extract	13.25	
4	5	L4 Washer zone 1 Oven extract	11.1	
4	6	L4 LSM extract	11.55	P, V
4	8	L4 IBO front extract	10.95	V
4	11	L4 washer zone 2 oven extract	11.15	
5	2	Wash coater cooling zone	11.1	
5	5	Wash coater oven zone 2	10.85	P, V
5	6	IBO cooling zone	11.1	
		Common Extract	40	P, V
		All fixed over and underground solvent storage tanks	3	V
		HCL bulk storage tank		H

Pollutants emitted:

Particulates = P

VOC's = V

HCL = H

Table 3: Emission Sources, Limits and Monitoring Requirements

Pollutant	Source	Emission Limit	Type of monitoring and standard	Frequency of monitoring
Particulate	Point source emissions Line 1 - Ref No - 8 Line 2 - Ref No - 8 Line 3 - Ref No - 8, 9, 10, 11, 17 Line 4 - Ref No - 6 Line 5 - Ref No - 5 Common Extract	50 mg / m ³	Manual extractive monitoring to BS EN 13284-1 : 2002	Annually
HCL	Bulk storage tank	10 mg / m ³	Manual extractive monitoring to BS EN 1911 : 2010	Annually
Visible emissions	Point source emissions	Colourless, free from persistent visible fume and droplets.	Visual with any incidents / occurrences recorded in a log.	At least once per day
Monitoring to determine compliance with emission limit values should be corrected to the following standard reference conditions: temperature, 273.15 K (0oC), pressures 101.3 kPa (1 atmosphere) and measured wet, no correction for water vapour.				

SOLVENT REDUCTION SCHEME

Condition 3

Emissions of Volatile Organic Compounds (VOC's) shall be as controlled by using the reduction scheme coating route as described in the Secretary of State's Sector Guidance Note SG6 (11).

A Solvent Management Plan (SMP) shall be submitted to the Council on an annual basis to determine compliance with the reduction scheme and shall be as described in Appendix 2 of SG6 (11).

The Operator shall demonstrate by calculation that the emission of Volatile Organic Compounds to the atmosphere is less than or equal to the 'Target Emission' value. This value is obtained by calculating 'Total Mass of Solids' used in coating products in a year x 0.58'.

Compliance with the Reduction Scheme is achieved if the Annual Actual Solvent Emission derived from the SMP is less than or equal to the Target Emission.

The Annual Actual Solvent Emission = I1 - O8 - O7 - O6 (- O5 if abatement has been used)

Where:

I1 - is the quantity of organic solvents, or their quantity in preparations purchased which are used as inputs into the activity (including cleaning solvents).

O8 - Organic solvents contained in preparations recovered for reuse but not as input into the activity as long as not counted under O7.

O7 - Organic solvents or organic solvents contained in preparations which are sold or are intended to be sold as a commercially valuable product.

O6 - Organic solvents contained in collected waste.

O5 - Organic solvents and/or organic compounds lost due to chemical or physical reactions (including for example those which are destroyed, e.g. by incineration or other waste gas or waste water treatments, or captured, e.g. by adsorption, as long as they are not counted under O6, O7 or O8).

Condition 4

All emission stacks and ductwork shall:

- not be fitted with any restrictions 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
- be of sufficient height to allow adequate dispersion under normal operating conditions
- be cleaned to prevent the accumulation of materials, as part of the routine maintenance programme
- be sufficiently lagged to prevent the condensation of liquids

ODOUR CONTROL

Condition 5

A visual and olfactory assessment of emissions from the installation shall be made not less than once a day when the process is in operation. A record shall be kept if any offensive odours are detected and / or any justified complaints are received. The regulator must be informed as soon as possible regarding adverse odour monitoring or justifiable complaints.

Condition 6

If operations are identified as resulting in an offensive odour, the operator shall devise an odour control programme and maintain an odour management plan.

FUGITIVE EMISSIONS TO AIR

Condition 7

The operator shall ensure that all reasonably practical steps are taken to control fugitive emissions from the installation. This shall include:

- Transferring volatile liquids into storage.
- Vent systems, chosen to minimise breathing emissions.
- Coating operations being carried out in contained conditions.
- Pre-impregnated solvent cleaning wipes shall be held within a closed container prior to use.
- Prior to removal from site used wipes and other items contaminated with organic solvent shall be placed in a suitably labelled metal bin fitted with a self-closing lid. Bins shall be emptied at least daily.
- Application of cleaning organic solvents shall be from a contained device or automatic dispensing system when applied directly.
- Closed cleaning systems shall be used wherever possible.
- Oven units and ductwork shall be enclosed and sealed to prevent fugitive loss of VOCs.
- All drying ovens shall be operated under balanced or negative pressure to reduce VOC emissions at entry and exit points. All other apertures within the oven shall be sealed sufficiently. Drying systems shall operate to maximise the drying efficiency. Complete drying reduces the fugitive emission level of organic solvents from products.

EMISSIONS TO SURFACE WATER AND FOUL SEWER

Condition 8

Emissions to surface water and foul sewer shall only arise from the source specified in Table 5 below and location drainage plan Ref. B1.3 submitted with the application.

Table 4: Emissions to water

Emission point source	Source	Receiving Water
SW1	Surface water from site directed to Penstock valve	Surface water drainage system to Braunstone Brook
SW2	Process Waters from the installation to Effluent Treatment Plant as described in Appendix G of the application	Foul sewer Severn Trent Water Plc

Condition 9

The effluent released into the foul sewer shall not exceed the limits of the discharge consent issued by Severn Trent Water.

FUGITIVE EMISSIONS TO WATER

Condition 10

The operator shall:

- hold a clear diagrammatic record of the routing of all installation drainage for surface water and process effluent, to include subsurface pipework, the position of any sumps and storage vessels, including the type and broad location of the receiving environment.
- carry out an inspection and maintenance programme for all subsurface structures.
- ensure that all operational areas are equipped with an impervious surface, spill containment kerbs, sealed construction joints, and connection to a sealed drainage system. These controls shall be regularly inspected and any defects repaired promptly.
- ensure that all tanks containing liquids whose spillage could be harmful to the environment are contained. Bunds shall be impermeable and resistant to the stored materials and have no outlet and drain to a blind collection point. Pipework shall be routed within bunded areas with no penetration of contained surfaces. Bunds shall be designed to have a holding capacity of at least 110% of the largest tank and be located more than 10m from watercourses.
- ensure that bunds are fitted with a high-level probe and an alarm as appropriate and are inspected regularly by the operator. Where practicable rainwater shall be prevented from entering bunds. Any spills and rainwater accumulations shall be removed as soon as possible.
- ensure all storage tanks shall be fitted with high-level alarms or volume indicators to warn of overfilling. Where practicable the filling system shall be interlocked to the alarm system to prevent overfilling. Tanks shall have delivery connections located within a bunded area, fixed and locked when not in use and have their integrity inspected, recorded and documented, particularly where corrosive substances are involved. These inspections shall be included in the maintenance schedule.

EMISSIONS TO LAND

Condition 11

There shall be no emissions to land or ground water from the permitted installation.

Condition 12

The operator shall notify the Council as soon as practicable, of any new information concerning the state of the site with regards to contamination of land and ground water. This notification shall be read in conjunction with the "IPPC Phase 1a and 1b Site Condition Report - Braunstone Facility (May 2003)", submitted with the application reference IPPCA202/CP, as part of section B3.1.

MONITORING, SAMPLING AND EVALUATION

Condition 13

The operator shall:

- monitor emissions, make tests and inspections of the process and keep records. In particular the operator shall keep records of audits, inspections, tests and monitoring, including all non-continuous monitoring, inspections and visual assessments. Monitoring may include process variables and operating conditions where relevant to emissions.
- notify the Council at least 7 days in advance before any periodic monitoring exercise to determine compliance with the emission limit values in Table 3. The Operator shall state the provisional time and date of monitoring, pollutants to be tested and the methods to be used.
- forward the results of all non-continuous emissions tests to the Council within 8 weeks of the completion of the sampling, this includes both air and water emissions.
- include details of process conditions at the time of monitoring, monitoring uncertainty as well as any deviations from the procedural requirements of standard reference methods and the error invoked from such deviations.
- immediately investigate results exceeding the emission limit value from any monitoring activity and malfunction or breakdown leading to abnormal emissions and take immediate corrective action. The investigation shall include:
 - Identifying the cause and taking appropriate corrective action.
 - Recording the cause and any corrective action taken.
 - Notifying the Council
 - Suspending activity where there is immediate danger to human health.
- ensure that the monitoring equipment or techniques are certified to MCERTS certification scheme unless the Council agrees otherwise in writing.
- ensure that adequate facilities for sampling are provided on the stacks or ducts and safe means of access to other sampling points is also available.

Condition 14

Extractive testing shall be carried out over a minimum period of 2 hours, with at least three results being obtained. The following requirements shall also be met:

- no daily mean of all 15-minute mean emission concentrations shall exceed the specified emission concentration limits during normal operation (excluding start-up and shutdown); and
- no 15-minute mean emission concentration shall exceed twice the specified emission concentration limits during normal operation (excluding start-up and shutdown).

Condition 15

The introduction of dilution air to emissions to comply with concentration limits shall not be permitted. However it may be added for waste gas cooling or improved dispersion where justified, but this shall not be considered when determining the mass or concentration of the pollutant in the waste gases.

RECORDS

Condition 16

A record shall be made of:

- Any malfunction, breakdown or failure of plant, equipment or techniques (including down time and any short term and long term remedial measures) that may have, has had, or might have had, an effect on the environmental performance of the permitted installation. These records shall be kept in a log maintained for this purpose.
- All monitoring and sampling undertaken in accordance with the conditions of this permit and any assessment or evaluation made on the basis of such data.

Condition 17

All records shall:

- be legible
- be made as soon as reasonably practicable
- indicate any amendments, which have been made and shall include the original records wherever possible
- be retained for a minimum period of two years from the date when the records were made
- be made available for inspection by the Council at any reasonable time

Condition 18

A record shall be made at the permitted installation of any complaints concerning the installation's effect or alleged effect on the environment. The record shall give the date of complaint, time of complaint, a summary of any investigation and the result of such investigation. Such records shall be made in a log kept for this purpose.

MANAGEMENT TECHNIQUES AND CONTROL

Condition 19

A copy of this permit and those parts of the application referred to within it, shall be available at all times for reference by all staff carrying out work which is subject to the requirements of the permit.

TRAINING

Condition 20

The permitted installation shall be supervised by a competent member of staff who is suitably trained and fully conversant with those aspects of the permit conditions. All members of staff shall be provided with appropriate written operating instructions to enable them to carry out their duties.

Condition 21

The operator shall maintain a statement of the skills and training requirements for each job, which may have an impact on the environment and shall keep records of all relevant training.

MAINTENANCE

Condition 22

All equipment, the failure of which could lead to adverse impact on the environment, used in the permitted installation shall:

- be maintained in good operating condition
- be included in a (written or electronic) maintenance programme; and all maintenance carried out shall be recorded.

OPERATING PROCEDURES

Condition 23

The operator shall implement and maintain written procedures for:

- Taking prompt remedial action, investigating, communicating and reporting actual or potential non-compliance with operating procedures or emission limits.
- Investigating, communicating and reporting environmental complaints and prompt implementation of appropriate actions.
- Investigating incidents, (including any malfunction, breakdown or failure of plant, equipment or techniques, down time, any short term or long term remedial measures and near misses) and prompt implementation of appropriate actions.
- Any complaints received concerning the installation's effect or alleged effect on the environment shall be recorded in a log and kept on site at the installation.
- Appointing a competent person to liaise with the Council with regards to complaints.

EFFICIENT USE OF RAW MATERIALS AND WASTE PRODUCTION

Condition 24

The operator shall maintain an inventory of:

- all raw materials used on site.
- all waste produced, this shall include the nature, quantity, origin and where relevant, the destination, frequency of collection, mode of transport and treatment method of any waste which is disposed of or recovered.

WASTE MINIMISATION AUDIT

Condition 25

The operator shall:

- establish internal waste benchmarks that can be used to assess improvements to resource efficiency.
- carry out an annual review to demonstrate that the best environmental options are being used for minimising raw material usage and dealing with waste, including investigation of potential markets for recovery, re-use and recycling.
- carry out a waste minimisation audit at least every four years. The methodology used and an action plan for optimising the use of raw materials shall be submitted to the regulator within 2 months of completion of the audit. Specific improvements resulting from the recommendations of audits shall be carried out within a timescale approved by the regulator.

STORAGE AND HANDLING OF RAW MATERIALS AND WASTE

Condition 26

The operators shall ensure that:

- liquid raw materials and waste are stored in sealed containers in bunded areas
- bulk storage tanks are fitted with level indicators and high level alarms with automatic cut-off to prevent overfilling of all bulk storage tanks
- spill kits are provided where appropriate
- areas containing liquid raw material or waste, shall have an impervious surface, spill containment kerbs, sealed construction joints and are connected to a sealed drainage system
- waste is stored in suitable containers
- waste is segregated by type and incompatible wastes are kept separate
- waste storage areas are clearly marked and signed, and that containers are clearly labelled
- where appropriate, waste is stored under cover or in sealed containers (this also applies to empty containers)

WATER

Condition 27

The operator shall:

- submit a water use audit to the council at least every four years. The methodology used, and an action plan for reducing the use of water shall be submitted to the Council within 2 months of completion of the audit
- measure the volume of mains water used in the activity once a month, when the installation is operating. All measurements shall be recorded and made available for inspection
- hold on site a clear diagrammatic record of the routing of all the drains, subsurface pipe work, sumps and storage vessels, including the type, and location of the receiving environment
- evaluate / determine the potential risk to the environment from the drainage systems, and shall devise an inspection and maintenance programme having regard to the nature and volume of waste waters, groundwater vulnerability, and proximity of drainage systems to surface waters
- seal all surface drains

ENERGY

Condition 28

The operator shall:

- subject to the conditions in this Permit, use energy as described in the Environmental Management System
- notify the Council immediately of any changes to Climate Change or equivalent agreements
- forward to the Council the Energy Efficiency Plan, and respective targets collated in the above Climate Change Agreement
- produce a report annually on the energy consumption of the installation and include additional carbon purchased. The report shall be forwarded to the Council within 28 days (of the date the report is due as detailed in Table 5).

ACCIDENT PREVENTION AND CONTROL

Condition 29

The operator shall:

- subject to the conditions of this Permit, prevent and limit the consequences of accidents as specified in the site environmental management system.
- operate in accordance with an Accident Management Plan, which identifies potential events, or failures, the consequences of which might be harmful to human health or lead to an adverse environmental impact. The plan shall be continuously updated by the Operator and be available for inspection by the Council.

The Plan shall identify:

- A written procedure for investigating accidents, incidents and near misses, including identifying suitable corrective action and follow up.
- The likelihood of, and the action to be taken to minimise these potential events.
- The environmental consequences and an action plan to deal with such occurrences.

Condition 30

In case of abnormal emissions arising from an accident, for instance a spillage, the operator shall:

- investigate immediately and undertake remedial action as soon as practicable
- promptly record the events and action taken
- ensure that the Council is notified of the accident or an incident, and the subsequent remedial action taken, as soon as reasonably practicable

NOISE & VIBRATION

Condition 31

- The operator shall, subject to the conditions of this Permit, control noise and vibration as specified in the Environmental Management System.

Condition 32

The permitted installation shall be designed, operated and maintained so as to avoid reasonable cause for offence from noise and vibration. For this purpose the operator shall:

- Identify key plant and equipment with a potential to give rise to a noise nuisance.
- Document maintenance systems for the identified key plant and equipment.
- Install if practicable noise attenuation system on plant and equipment.

DECOMMISSIONING

Condition 33

The operator shall:

- subject to the conditions of this permit, make provisions for decommissioning the installation as specified in the Environmental Management System or as agreed in writing by the Council.

- obtain prior approval from Severn Trent Water before de-commissioning any pipelines or vessels on site. A copy of the approved de-commissioning notification shall be forwarded to the Council
- design, maintain, and operate the permitted installation so as to prevent or minimise any pollution risk, including the generation of waste, on closure and decommissioning in particular by:
 - ❖ Attention to the design of new plant or equipment.
 - ❖ The maintenance of a record of any events which have or might have impacted on the condition of the site along with any further investigation or remediation work carried out.
- maintain a site closure plan to demonstrate that in its current state the installation can be decommissioned avoiding any pollution risk and returning the site of operation to a satisfactory state. The site closure plan shall:
 - ❖ be kept updated as material changes occur and the Council notified of the results of the update
 - ❖ be implemented on final cessation or decommissioning of the permitted activities or part thereof. At least 14 days notice shall be given in writing to the Council of the intention to carry out decommissioning / closure.

NOTIFICATIONS & REPORTING

Condition 34

The operator shall:

- provide information required under provisions of Article 5 of the E.C. Regulation No 166 / 2006 for the European Pollutant Release and Transfer Register.

ENVIRONMENTAL MANAGEMENT

Condition 35

The operator shall:

- maintain and operate an effective Environmental Management Scheme (EMS) which, includes annual improvement targets.
- provide a summary report of the previous year's results against EMS targets. The report shall document key findings, conclusions and any recommendations for potential environmental improvements, as a result of measuring, monitoring, audits and review of the EMS.
- review and update the EMS at least every 36 months.
- submit the findings of any EMS review to the Council.

Condition 36

The operator shall give written notification as soon as practicable, of any of the following:

- Permanent cessation of the operation, of any part of, or all of, the permitted installation.
- Cessation of the operation of any part of, or all of, the permitted installation for a period likely to exceed 1 year, and
- Resumption of the operation, or any part of, or all of, the permitted installation after a cessation notified under the above.

Condition 37

The operator shall notify the following matters to the Council in writing within 14 days of their occurrence:

- Any change in the operator's trading name, registered name or registered office address.
- A change of any particulars of the operator's ultimate holding company (including details of an ultimate holding company where the operator has become a subsidiary).
- Any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement, or being wound up.

WASTE OIL BURNERS

The above named company is permitted to operate three waste oil burners:

One Thermobile SB60 with a rated thermal input of 0.06 MW

Two Thermobile AT400 each with a rated thermal input of 0.04 MW

as covered by the description in Schedule 1, Part 2, Section 1.1 Part B (b) (i) Burning waste oil in an appliance with a rated thermal input of less than 3 Megawatts (hereinafter referred to as the "Activity").

The following conditions shall be complied with immediately, unless specified otherwise in the condition.

Condition 38

Only hydrocarbon based oils arising from the draining of engines, gearboxes and other lubrication systems at the Installation shall be burned on the appliance.

Condition 39

The following shall at no time be burned on the appliance:

- Any halogenated materials.
- Polycyclic or polyaromatic compounds arising other than by use as a lubricating oil.
- Low temperature flash point fuels, oils or solvents (less than 40°C determined by the Pensky-Marten closed cup method).
- Surface coating materials, e.g. paint.

Condition 40

Where any modification to the combustion appliance is intended, with the exception of the fitting of standard replacement parts, details of the modification shall be notified to the regulator and approval obtained prior to the modification being undertaken.

Emission limits and controls

Condition 41

All emissions to air shall be free from visible smoke and in any event shall not exceed the equivalent of Ringelmann Shade 1 as described in British Standard BS 2742:1969. In the case of lighting from cold, emissions of smoke shall not exceed Ringelmann Shade 1 for more than **10** minutes.

Emission monitoring

Condition 42

Where the operator observes smoke emissions, which contravene the provisions of condition 41 above, the operator shall record the date and time that the emission occurred in a log book. Records of such emissions shall be retained for a minimum of 3 years.

Process controls

Condition 43

Where smoke emissions occur, with the exception of the allowance for lighting from cold in condition 42 above, the appliance shall be switched off and the cause identified and rectified before the appliance is re-lit.

Condition 44

The appliance, including the fuel feed system and stack, shall be thoroughly inspected once a week to ensure that there are no defects, which could lead to excessive smoke emissions. The weekly examination shall include an assessment of the smoke emission from the appliance during lighting from cold and in normal operation.

Condition 45

The handling and storage of waste oil shall be carried out to minimise the emission of odorous vapours to the air.

Condition 46

The appliance shall only be re-fuelled when cold.

Condition 47

The appliance shall be cleaned and ash shall be removed in accordance with the manufacturer's instructions.

Condition 48

Suitable precautions shall be taken in the handling and disposal of ash, dust or other residues to minimise any emission to atmosphere. The material shall be collected, contained and transported in sealed bags or other dust tight containers.

Condition 49

Clear instructions shall be available at all times on or near the appliance detailing the correct operation and maintenance of the equipment.

Condition 50

Each appliance shall be serviced regularly in accordance with the manufacturer's instructions. Records of manufacturer's or contractor's servicing shall be retained for a minimum of 3 years.

Stack**Condition 51**

The appliance shall be permanently ducted to a stack, which shall terminate at least 6m above ground level. The stack shall discharge vertically upwards, and shall not be fitted with any restriction at the final opening, such as a plate, cap or cowl.

General operations**Condition 52**

All staff who are nominated to operate the appliance shall be trained in, and fully conversant with, its operation, especially lighting up from cold. Only nominated persons shall operate the appliance.

Condition 53

A supply of a suitable oil-absorbent material shall be maintained on the site, and any liquid spillages shall be cleaned up immediately.

END OF PERMIT

Table 5: Documents required to be submitted to the Council

Report	Date Report Due & Subsequent Frequency
Emissions to Air Monitoring - Condition 2	October 2013 Then annually
Waste Minimisation Audit - Condition 25	March 2014 Then every 4 years
Water Audit - Condition 27	June 2014 Then every 4 years
Energy - Condition 28	October 2013 Then annually
Environmental management System - Condition 35	October 2013 Then every 3 years

SUBSTANTIAL CHANGE IN ACTIVITIES

Definition of 'substantial change' as specified in the solvent emissions directive:

“- for all other installations, shall mean a change of the nominal capacity leading to an increase of emissions of volatile organic compounds of more than 10%. Any change that may have, in the opinion of the competent authority, significant negative effects on human health or the environment is also a substantial change.”

Periodic reviews are likely to be needed if the pollution from the installation is of such significance that the existing emission limit values for the permit need to be revised or new emission limit values need to be included in the permit.

NOISE LEVELS

A BS4142 noise assessment shall be carried out if the activity is changed significantly such that an increase in noise levels is likely.

APPEAL AGAINST PERMIT CONDITIONS.

Anyone who is aggrieved by the conditions attached to a permit can appeal to the Planning Inspectorate. The Planning Inspectorate must receive appeals no later than six months from the date of the decision (normally the date on the bottom of the authorisation). The address to which the appeal should be sent to is as follows:

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

Guidance on the appeal procedures is contained in the "Pollution Prevention and Control Act 1999, General Guidance Manual on Policy and Procedures for A2 and B installations: Appeals", (ISBN0-85521-028-1) available from any HMSO bookshop.

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 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 copy of any decision or notice which is the subject matter of the appeal
- f) 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 for the Environment, Food and Rural Affairs; or
 - by both parties forwarding to the said inspector, 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 (f) must be sent to the Council and the person making the appeal should inform the Planning Inspectorate that this has been done.

Please Note:

An appeal will not suspend the effects of the conditions appealed against; the conditions must still be complied with. In determining an appeal against one or more of the 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.

Appellants should state whether any of the information enclosed with the appeal has been the subject of a successful application for commercial confidentiality under regulation 49 of the Environmental Permitting Regulations, and provide relevant details. Unless such information is provided, all documents submitted will be open to inspection.

To withdraw an appeal - the appellant must notify the Planning Inspectorate in writing and copy the notification to the Council.

EXPLANATORY MEMORANDUM

This memorandum is not part of the permit.

Objectives of the permit

The Pollution, Prevention and Control Act 1999 and the Environmental Permitting (England and Wales) Regulations 2007 (as amended), establish a system of pollution control whereby for those processes prescribed for local control, the local authority district council is responsible for ensuring that pollution of the environment due to releases of substances to air is prevented or minimised.

It is an implied general condition (residual duty) that the person carrying on the process must use the Best Available Techniques (BAT), which implies available techniques of achieving compliance with the Permit conditions. It requires a commitment of establishing of objectives, setting targets, measuring process and revising the objectives according to latest technical developments.

The Residual Duty

The residual duty applied to any aspect of the process not regulated by the conditions set out in the permit. In particular:

- a) Persons employed on the premises, whether employed by the company or otherwise, and supervision as is necessary for the achievement of compliance with the permit. Matters covered by such information and training shall include:
 - i. Start up and shut down of process operations
 - ii. Plant failure and other emergencies
 - iii. Inspection and monitoring as specified in the conditions attached to the permit
 - iv. A record of training undertaken
- b) A preventative maintenance programme shall be used for all plant and equipment where applicable.

Interface with the Health and Safety Legislation

This permit is issued under Pollution, Prevention and Control Act 1999 and associated regulations for the purposes of achieving environmental protection it does not:

- a) Replace any responsibility the company may have under the Workplace, Health and Safety Legislation.
- c) Replace any other statutory requirements; such as the need to obtain planning permission, hazardous substances consent, discharge content from the Environment Agency, building regulation approval, waste disposal licence etc.

Sector Guidance Note

The Secretary of State's guidance note relevant to this process is IPPC SG6 (11) 'Surface Treatment Using Solvents'

<http://archive.defra.gov.uk/environment/quality/pollution/ppc/localauth/pubs/guidance/notes/snotes/documents/sg6-11.pdf>