

Permit With Introductory Note

The Pollution Prevention and Control Act 1999
The Pollution Prevention and Control (England & Wales) Regulations 2000



Shell UK Ltd
Shell Centre
London
SE1 7NA

LAPPC Permit Ref No: 1.2/RJD/16/05

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Chronicle

Detail	Date	Comments
First authorised	25 June 1999	1.14/4/PB
Variation Notice	3 February 2003	1.4/7/4/V1
LAPPC Deemed Application	2 April 2005	Duly made
Temporary Permit	27 May 2005	1.2/RJD/16
Consultation Permit	24 October 2005	1.2/RJD/16/05
Permit Issued	22 November 2005	1.2/RJD/16/05

Permit issued by:

Environmental Protection Services
Room 409
Ipswich Borough Council
Civic Centre
Civic Drive
Ipswich
IP1 2EE

Telephone: 01473 433115
Fax: 01473 433062
Website: www.ipswich.gov.uk
Email: environmentalprotection@ipswich.gov.uk

INTRODUCTORY NOTE

This introductory note does not form part of the permit

The following Permit is issued under Regulation 10 of the Pollution Prevention and Control (England and Wales) Regulations 2000, as amended, to operate a scheduled installation carrying out an activity, or activities covered by the description in sections 1.2B(d) in Part 1 to Schedule 1 of the PPC regulations, to the extent authorised by the Permit.

Conditions within this Permit detail Best Available Techniques (BAT), for the management and operation of the installation, to prevent, or where that is not practicable, to reduce emissions.

Aspects of the operation of the installation that are not regulated by conditions in this Permit are subject to BAT through the condition implied by regulation 12(10) of the PPC Regulations.

In determining BAT, the Operator should pay particular attention to relevant sections of the LAPPC Process Guidance note 1/14(04), and any other relevant guidance. Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Note that the Permit requires the submission of certain information to the Regulator, and in addition, the Regulator has the power to seek further information at any time under Regulation 28 of the PPC Regulations provided that the request is reasonable.

Public Registers

Information relating to Permits, including the application, is available on public registers in accordance with the PPC Regulations. Certain information may be withheld from the public registers where it is commercially confidential, or if it is in the interest of national security to do so.

Variations to the Permit

The Regulator may vary the permit in the future, by serving a variation notice on the Operator. Should the Operator want any of the conditions of the Permit to be changed, a formal application must be submitted to the Regulator (the relevant forms are available from the Regulator). The Status Log that forms part of this introductory note 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.

Transfer of the Permit or Part of the Permit

Before the Permit can be wholly or partially transferred to another Operator, an application to transfer the Permit has to be made jointly by the existing and proposed Operators. A transfer will not be approved if the Regulator is not satisfied that the proposed Permit holder will be the person having control over the operation of the installation, or will not comply with the conditions of the transferred Permit. In addition, if the Permit authorises the Operator to carry out a specified waste management activity, the transfer will not be approved if the Regulator does not consider the proposed Permit holder to be a 'fit and proper person' as required by the PPC Regulations.

Surrender of the Permit

Where an operator intends to cease the operation of an installation (in whole or in part) the Regulator should be informed in writing. Such notification must include the information specified in Regulation 20(3) of the PPC Regulations.

Responsibility under Workplace Health and Safety Legislation

The permit is given in relation to the requirements of the PPC Regulations. It must not be taken to replace any responsibilities an Operator may have under the workplace health and safety legislation.

Appeal Against Permit Conditions

Any person who is aggrieved by the conditions attached to a Permit can appeal to the Secretary of State for Environment, Food & Rural Affairs. Appeals must be received by the Secretary of State no later than 6 months from the date of the decision (the date of the Permit).

Appeals relating to installations in England should be received by the Secretary of State for Environment, Food & Rural Affairs. The address is as follows:

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

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 and the Council;
- (e) 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; or
 - by both parties sending the Secretary of State written statements of their case (and having the opportunity to comment upon 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 appropriate Secretary of State that this had been done.

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 appropriate Secretary of State that this has been done.

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

Copyright of any Maps Provided with this Permit

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Talking to us

Please quote the Permit Number if you contact the Regulator about this permit. To give a notification, the Operator should telephone 01473 433012 or any other number notified in writing by the Regulator for that purpose.

~ End of Introductory Note~

Permit

The Pollution Prevention and Control Act 1999
The Pollution Prevention and Control (England & Wales) Regulations 2000



LAPPC Permit Ref No: 1.2/RJD/16/05

Ipswich Borough Council in exercise of its powers under Regulation 10 of The Pollution Prevention and Control (England and Wales) Regulations, hereby authorises: **Shell UK Ltd**

Whose Registered Office is:

**Shell UK Ltd
Shell Centre
London
SE1 7NA**

to operate an installation at:

**Shell UK Ltd
Shell Orwell
Ipswich Bypass
A14 Westbound
Suffolk
IP10 0NZ**

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

Signature: 
Concepta Palk
Group Manager (Environmental Services)
The Authorised Officer for this purpose

Date: 23 November 2005

Permit issued by:

Environmental Protection Services
Room 409
Ipswich Borough Council
Civic Centre
Civic Drive
Ipswich
IP1 2EE

Telephone: 01473 433115
Fax: 01473 433062
Website: www.ipswich.gov.uk
Email: environmentalprotection@ipswich.gov.uk

OPERATING CONDITIONS

Process Description and General Information

The unloading of petrol into stationary storage tanks at Shell UK Ltd, Shell Orwell, Ipswich Bypass, A14 Westbound, Suffolk, IP10 0NZ, within the process boundary marked on the attached site plan 1.2/RJD/16/05/site plan.

The service station has 5 storage tanks.

The deliveries of petrol can occur at any time and may occur outside normal operating hours. The deliveries are directly supervised by a service station operator or controlled entirely by the road tanker driver.

Emission Limits, Monitoring and Other Provisions

1. Vapours displaced by the delivery of petrol into storage installations at service stations shall be returned through a vapour-tight connection line to the mobile container delivering the petrol. Unloading operations may not take place unless the arrangements are in place and properly functioning, subject to conditions 3, 4 and 5.
2. The Operator shall implement the following schedule of preventative maintenance. Once per year the Operator shall carry out the following checks and maintenance work.
 - (i) a visual inspection of fill pipe adaptors and caps and replace as required;
 - (ii) a visual inspection of the vapour connection point, including the condition of the adaptor, poppet valve and dust cover and replace as required.
 - (iii) a visual inspection of the position and clarity of the notices required by condition 18 of this permit.
 - (iv) a visual inspection of the pressure/vacuum relief valve and clean flame arrestor/gauges.

The inspections shall comprise checks for build up of deposits, wear, damage, blockage, leakage and correct operation.

Records of all maintenance checks shall be made and copies retained on site for a minimum of two years, and available for inspection by an authorised officer of Ipswich Borough Council.

3. All reasonably practicable steps shall be taken to prevent uncontrolled leaks of vapour from vents, pipes and connectors from occurring. Ipswich Borough Council shall be advised without delay of the circumstances of such a vapour leak if there is likely to be an effect on the local community, and in all cases such a vapour leak shall be recorded in the logbook required under condition 10.
4. The Operator shall advise Ipswich Borough Council of the corrective measures to be taken and the timescales over which they will be implemented in the event of a vapour leak described in condition 3.
5. Instances of vapour leak shall be recorded in the log book and, under the circumstances detailed in condition 3, Ipswich Borough Council be advised.
6. The procedures in condition 2 to 5 inclusive shall be reviewed in light of any modifications which occur to the facilities. Ipswich Borough Council shall be advised of any proposed alteration in operating procedures.
7. Petrol delivery and vapour return lines shall be tested in accordance with the following:
 - (i) when any modification is made to the system, or
 - (ii) if any leak or malfunction is suspected.
8. Pressure vacuum relief valves on petrol storage tank vents shall be checked for correct functioning, including extraneous matter, seating and corrosion at least once every three years.
9. The Operator shall maintain a log book at the authorised premises, incorporating details of all maintenance, examination and testing, inventory checking, installation and repair work carried out, along with details of training given to operating staff at the service station.
10. The log book shall also detail any suspected vapour leak together with action taken to deal with any leak, in conditions 3, 4 and 5.
11. Venting of the petrol vapour shall be through the vent pipes marked 1.2/RJD/16/05/site plan on the attached plan.

Control Techniques

12. The vapour collection systems shall be of a size and design, as approved by the regulator, to minimise vapour emissions during the maximum petrol and vapour flow, in accordance with conditions 1 and 13.
13. The number of tanker compartments being discharged simultaneously shall not exceed 2, excluding the diesel compartment(s).

14. The connection points on the tank filling pipes and vapour return pipe shall be fitted with secure seals to reduce vapour leaks when not in active use. If apertures are provided on storage tanks for the use of a dipstick, these shall be securely sealed when not in active use.
15. The fittings for delivery and vapour return pipes shall be different to prevent misconnection.
16. Petrol storage tank vent pipe(s) shall be fitted with a pressure vacuum relief valve to minimise vapour loss during unloading and storage of petrol. The pressure vacuum relief valve shall be sized and weighted to prevent vapour loss, except when the storage tanks are subject to potentially hazardous pressurisation.
17. When connecting hose prior to delivery, the vapour return hose shall be connected before any delivery hose. The vapour return hose shall be connected by the road tanker end first, and then at the storage tank end.
18. Adjacent to each vapour return connection point for the storage tank, there shall be a clearly legible and durable notice instructing "Connect vapour return line before off-loading" or similar wording. The sign shall also refer to the maximum number of tanker compartments which may be unloaded simultaneously in accordance with condition 13. In this instance it is 2 compartments.
19. There shall be no dip testing of storage tanks or road tanker compartment before delivery.
20. A competent person shall remain near the tanker and keep a constant watch on hoses and connections during unloading.
21. All road tanker compartment vent and discharge valves shall be closed on completion of the delivery.
22. On completion of unloading, the vapour hose shall not be disconnected until the delivery hose has been discharged and disconnected. The delivery hose shall be disconnected at the road tanker end first. The vapour return hose shall be disconnected at the storage tank end first.
23. All connection points shall be securely sealed after delivery.
24. Storage tanks and road tanker compartments shall not be dipped after delivery.
25. Manhole entry points to storage tanks shall be kept securely sealed except when maintenance and testing are being carried out which require entry to the tank.

Management

26. The Operator shall be aware that important elements for effective control of emissions shall include:
 - (i) proper management; supervision and training for process operations
 - (ii) proper use of equipment
 - (iii) effective preventative maintenance on all plant and equipment concerned with the control of emissions to the air; and
 - (iv) it is good practice to ensure that spares and consumables are available at short notice in order to rectify breakdowns rapidly. This is important with respect to arrestment plant and other necessary environmental control. It is useful to compile a list of essential items.
27. The Operator shall keep spares and consumables on site, in particular those subject to continual wear, or shall be available at short notice from a guaranteed supplier.
28. The Operator shall implement suitable and sufficient management systems to provide an effective technique for ensuring that all pollution prevention and control techniques (BAT) are delivered reliably and on an integrated basis.
29. The Operator shall follow the procedures for safe operation for petrol unloading operations laid down in petroleum licence conditions and in the Carriage of Dangerous Goods by Road Regulations 1996, SI 2095.

Training

30. The Operator shall ensure staff at all levels need the necessary training and instruction in their duties relating to control of the process and emissions to air.
31. The Operator shall ensure that training of all staff with responsibility for operating the process shall include:
 - (i) awareness of their responsibility under the permit; in particular supervising and performing unloading operations of tankers
 - (ii) actions to minimise emissions during abnormal conditions
32. The Operator shall maintain a statement of training requirements for each operational part and keep a record of the training received by each person whose actions may have an impact on the environment. These documents shall be made available to an authorised officer of Ipswich Borough Council at their request.

Maintenance


33. The Operator shall employ an effective preventative maintenance on all aspects of the process including all plant, buildings and the equipment concerned with control of emissions to air. In particular:
- (i) a written maintenance programme shall be provided to the regulator with respect to pollution control equipment; and
 - (ii) a record of such maintenance shall be made available for inspection.

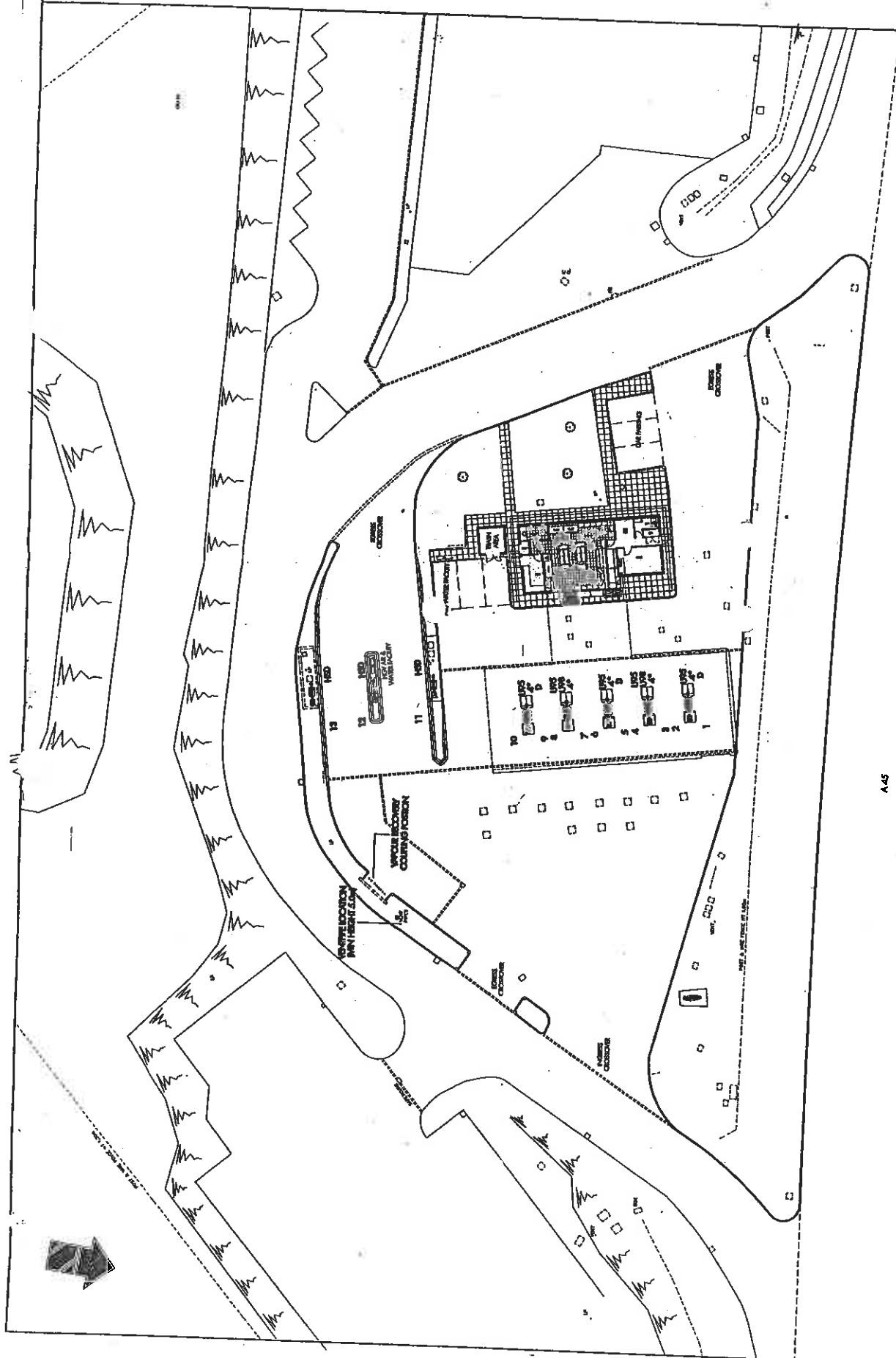
Notifications

34. The Operator shall notify Ipswich Borough Council without delay of:-
- (i) the detection of any malfunction, breakdown or failure of plant or techniques which has caused, is causing or has the potential to cause significant pollution; and
 - (ii) any accident, which has caused, is causing or has the potential to cause significant pollution.
35. The Operator shall give written notification as soon as practicable prior to any of the following:-
- (i) permanent cessation of the operation of part or all of the Permitted Installation;
 - (ii) cessation of operation of part or all of the Permitted Installation for a period likely to exceed one year; and
 - (iii) resumption of the operation of part or all of the Permitted Installation after a cessation has been notified.
36. The Operator shall notify the following matters to Ipswich Borough Council in writing within 14 days of their occurrence:
- (i) any change to the operation capable of altering the substances from the operation;
 - (ii) any change in the Operator's trading name, registered name or registered office address;
 - (iii) any change to particulars of the Operator's ultimate holding company (including details of an ultimate holding company where an Operator has become a subsidiary);
 - (iv) any steps taken with a view to the Operator going into administration, entering into a company voluntary arrangement, or being wound up.

1.2/ P-50/16/05/ site plan.

1.4/411

DATE	
PROJECT	SHELL ORWELL PSWICH BYPASS, NACTON, SUFFOLK, P10 CNZ.
TITLE	VAPOUR RECOVERY INSTALLATION.
 SHELL UK LIMITED DOWNSTREAM OIL PRODUCTS DIVISION SHELL OILS, POLYMER SERVICES LEWISDALE, WICKLEIGH ROAD.	
DATE	15/04/05.
SCALE	1:500.
DATE	27.10.05
FILE	S:\ORWELL\ORWELL\PSWICH\ORWELL.P10
NO.	308230
REV	01



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