

144

Application for Authorisation Environmental Protection Act 1990, Part I

Section A: General Information

1. Name and address of premises where process is/will be carried out

Whitley Service Station, London Rd, Whitley, Coventry, West Midlands
Post Code CV3 4AA

Telephone Number 01203 502000 Contact Name Andrew Corner
Position Licensee

2. Name and address of applicant[s]

Esso Petroleum Company Ltd, Esso House, Ermyn Way, Leatherhead, Surrey
Post Code KT22 8UX

Telephone Number See Item 5 Contact Name See Item 5
Position See Item 5

3. Name and address of registered office (if applicable). In the case of partnerships, names and home addresses of the partners.

Esso Petroleum Company Ltd, Esso House, Ermyn Way, Leatherhead, Surrey
Post Code KT22 8UX

Telephone Number See Item 5 Contact Name See Item 5
Position See Item 5

4. Name of the ultimate holding company (if applicable)

Exxon Corporation, 5959 Colinas Boulevard, Irving, Texas, USA

5. Address for correspondence if different from (1) above

Michael G Wigmore RIBA, Kevin Neary Associates
Phoenix House, 215b & 217b High Road
Benfleet, Essex, SS7 5HZ
Telephone 01268 794388

6. Enclose a map / plan with the application showing the location where the process is/will be carried out. Where the process is/will be carried out on only part of the premises please indicate the exact location on the plan enclosed.

Drawing No. 2253/T.REP/010

7. Is the service station located under permanent living quarters or working areas? See Clause 9

YES	NO
-----	----

8. When was vapour balancing equipment installed or when will it be installed?

May 1998

Section B: Process and Control Information

9. Volume of petrol unloaded into the service station in each of the last three calendar years (see Clause 9 of this Note for the relevant timescales); in cubic metres (i.e. litres divided by 1000). Circle the appropriate band

YEAR	VOLUME OF PETROL / m ³			
	<1000	100 – 500	501 – 1000	>1000
1995	<1000	100 – 500	501 – 1000	>1000
1996	<1000	100 – 500	501 – 1000	>1000
1997	<1000	100 – 500	501 – 1000	>1000

10. Are deliveries "Driver Controlled"

YES	NO
-----	----

11. At a maximum, how many tanker compartments discharge into storage tanks at any one time, or will do so once a vapour balancing system is in place. If the latter information is not known, a statement of what assessment will be made to determine this information and within what timescale. The information supplied under item 11 should be supplemented by a site specific assessment. (See Clause 17).

Three (excluding Diesel)

12. Measures taken or to be taken for vapour emission control, both during unloading and in storage

Stage 1 Vapour Recovery

13. Please attach process diagrams and plans of vapour balancing equipment (including height and location of tank vent pipes)

Drawing No. STD 114 E

14. Unloading procedure and instructions (please attach)

See Esso 'Blue Book' Esso Management of Motor Fuels for Retailers and their Staff.

All to be in accordance with the Petroleum Licence Conditions and the Carriage of Dangerous Goods by Road Regulations 1992 and HS(a) 41.

15. Details of Supervision, Training and Qualifications of Operating Staff [Details should be specific to on-site staff and include general statements concerning delivery drivers]

The Site Manager/Licensee/Agent has undergone training by Esso Petroleum Co Ltd in relation to Petroleum Product Deliveries and Regulations and has a certificate to this effect in turn selected members of staff are trained by him/her and listed as approved for supervising deliveries.

16. Schedule of maintenance of vapour balancing controls [please attach]

All Vapour Balancing Controls are maintained on an annual schedule by specialist Engineers.

The P & V valves are replaced every three years.

This is recorded in the Site Register.

17. Schedule of examination and testing for vapour balancing controls [please attach]

The Vapour Balancing Controls, couplings, seals, lines and signage are examined and tested on a yearly basis.
This is recorded in the Site Register.

18. Procedures or contingency measures in the event of vapour containment equipment failure. [please attach]

No deliveries will be made until the failure has been rectified.
An Unsatisfactory Delivery Conditions Report (UDCR) is made out by the Delivery Technician and reported to the Specialist Engineer.
This is recorded in the Site Register.

You may also supply any other information you wish the Local Authority to take into account when considering your application.

The process involves the delivery of petroleum products to a retail petrol service station. Vapours displaced from the storage installation whilst new stocks are being introduced are conveyed to a mobile delivery container via a temporary vapour-tight connection line.

I hereby certify that I am authorised to sign this application and all the information contained in this application is correct to the best of my knowledge and belief.

Name (BLOCK CAPITALS): MICHAEL G WIGMORE

Signature



Date

30.10.1998

Designation Agent for Esso Petroleum Co Ltd.

Fee attached (cheque payable to Coventry City Council).

£ £100.00

Your Reference :
Our Reference :
Please ask for :
Direct Dialling No :
Date :

CERTIFICATE OF SERVICE BY HAND
I, [redacted] being employed
as a *Envil Protection Off* in the Housing and
Environmental Services Directorate of
Coventry City Council hereby certify that the
Notice of which this is a copy was
served/delivered by me to *Barry Price*
of *Whitley Service Station* Coventry,
on *23/12. 1998*
Signed .. [redacted]

Improving our Living Environment



City of **Coventry**

HOUSING AND ENVIRONMENTAL
SERVICES DIRECTORATE

Director Howard T. Farrand
Providing Housing, Environmental and
Client Agency Services

Michael J. Green
City Environment Officer
Broadgate House
Broadgate
Coventry, CV1 1NH

Telephone : 01203 83 1832/34
Telecom Gold Mailbox : 76 : END042
Fax : 01203 83 1831

THE ENVIRONMENTAL PROTECTION ACT 1990, Part I

The Environmental Protection (Prescribed Processes and Substances) Regulations 1991, SI 472 (as amended)

The Environmental Protection (Application, Appeals and Registers) Regulations 1991, SI 507 (as amended)

Authorisation No: 144
Application Received: 5th November 1998

Notice is hereby given that under the Environmental Protection Act 1990 Coventry City Council (hereinafter called the Authority) gives authorisation to:

Esso Petroleum Company Limited
Esso House
Ermyn Way
Leatherhead
Surrey

Register in England No: 26538

for the unloading into storage of petrol from mobile containers at a service station as described on Page 2 at:

Whitley Service Station
London Road
Coventry

subject to the conditions specified on the attached pages, Nos 2 to 4, and within the process boundary as indicated on Plan No. 2253/T.REP/010.

Signed .. [redacted] Dated *23rd* day of *December* 199*8*
City Environment Officer



1. **DESCRIPTION OF PROCESS**

- 1.1 This authorisation is for the operation of a process for the unloading into storage of petrol from mobile containers at a service station as defined in Part B of Section 1.4 of Schedule 1 to the Environmental Protection (Prescribed Processes and Substances) Regulations 1991, SI 472 as amended and as described below in accordance with the following conditions.
- 1.2 The unloading of petrol into stationary storage tanks at a service station within the process boundary outlined in red on the attached plan reference 2253/T.REP/010. The service station has 9 storage tanks.

2. **CONDITIONS**

- 2.1 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 2.3, 2.4 and 2.5.
- 2.2 The operator shall implement the schedule of preventative maintenance provided as part of the application for authorisation dated 30th October 1998.
- 2.3 All reasonably practicable steps shall be taken to prevent uncontrolled leaks of vapour from vents, pipes and connectors from occurring. The Authority 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 log book required under condition 2.24.
- In this condition and in condition 2.4 a vapour leak means any leak of vapour excepting those which occur through the vent mentioned in condition 2.11 during potentially hazardous pressurisation.
- 2.4 The operator shall advise the Authority 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 2.3.
- 2.5 Instances of vapour lock shall be recorded in the log book and under the circumstances detailed in condition 2.3 be reported to the Authority.
- 2.6 The procedures in conditions 2.2 to 2.5 inclusive shall be reviewed in light of any modifications which occur to the facilities. The Authority shall be advised of any proposed alteration in operating procedures.
- 2.7 The vapour balancing systems shall be of a size and design, as approved by the Authority, to minimise vapour emission during the maximum petrol and vapour flow in accordance with conditions 2.1 and 2.8 (ie, when most tank compartments are being simultaneously discharged).
- 2.8 The number of tanker compartments being discharged simultaneously shall not exceed 2, excluding the diesel compartment(s).

- 2.9 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.
- 2.10 The fittings for delivery and vapour return pipes shall be different to prevent mis-connection.
- 2.11 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.
- 2.12 When connecting hoses 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.
- 2.13 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 2.8.
- 2.14 If dip testing of storage tanks or road tanker compartments is performed before delivery, the dip openings shall be securely sealed prior to the delivery taking place.
- 2.15 Road tanker compartment dip testing shall not be performed whilst the vapour hose is connected.
- 2.16 A competent person shall remain near the tanker and keep a constant watch on hoses and connections during unloading. (A competent person is one who has received training in accordance with Clauses 13 and 35 of the Secretary of State's Process Guidance Note PG1/14(96).)
- 2.17 All road tanker compartment vent and discharge valves shall be closed on completion of the delivery.
- 2.18 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.
- 2.19 All connection points shall be securely sealed after delivery.
- 2.20 If the storage tanks or road tanker compartments are dipped after delivery, the dip openings shall be securely sealed after dip testing.
- 2.21 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.
- 2.22 Petrol delivery and vapour return lines shall be tested in accordance with the provided as part of the application for authorisation dated 30th October 1998 and in accordance with schedule EH/EP/144 attached.

2.23 Pressure vacuum relief valves on petrol storage tank vents shall be checked in accordance with the notes provided as part of the application for authorisation dated 30th October 1998 and in accordance with schedule EH/EP/144 attached.

2.24 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.

The log book shall also detail any suspected vapour leak together with action taken to deal with any leak, in accordance with Clauses 2.3, 2.4 and 2.5.

2.25 Venting of the petrol vapour shall be through the vent pipes marked "7 No. Tank Vents (high level vapour balanced)" on the attached plan reference 2253/T.REP/010.

This is not part of the Authorisation

SUPPLEMENTARY NOTES

1. Your attention is drawn to your obligation under Section 7(2)(a) of the Environmental Protection Act 1990 to ensure that in the carrying out of the prescribed process the best available techniques not entailing excessive cost (BATNEEC) will be used:
 - (i) For preventing the release of substances prescribed for any environmental medium into that medium or, where that is not practicable by such means, for reducing the release of such substances to a minimum and for rendering harmless any such substances which are so released.and
 - (ii) For rendering harmless any other substances which might cause harm if released into any environmental medium.

2. The Authority for contact purposes shall be taken to mean the Head of the Pollution Control Section, telephone 831832 during office hours, 832222 outside office hours.

Schedule of Inspection, Testing and Maintenance

Routine Checks

During ordinary operations, visual checks shall be made to ensure that the system is in good working order.

Annual Checks

1. Fill-pipe and vapour-recovery couplings shall be examined and tested for wear, damage or faulty operation, and repaired or replaced as necessary.
2. Pressure vacuum valve(s) shall be examined and tested for wear, damage or faulty operation, and shall be cleaned, adjusted, repaired or replaced as appropriate.
3. All signs relating to the vapour-recovery system shall be examined to ensure that they are clean, securely fixed, and clearly legible during ordinary operations.
4. The system shall be tested for vapour-tightness up to pressure vacuum valve threshold pressure.
5. The results of these checks and tests shall be recorded in the Site Register.

Triennial Checks

In addition to the above:-

1. Pressure vacuum valves shall be replaced.
2. Fill pipes, vapour-recovery pipes and petrol-delivery pipes shall be examined, as far as may be, for wear, damage, blockage or leakage.
3. The results of these checks and tests shall be recorded in the Site Register.

144

COVENTRY CITY COUNCIL

ENVIRONMENTAL PROTECTION ACT 1990, SECTIONS 8(8), 12

NOTICE OF REVOCATION

To: Esso Petroleum Company Ltd
Esso House
Ermyrn Way
Leatherhead
Surrey

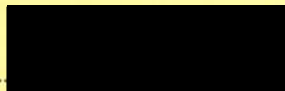
Coventry City Council ("the Council"), in exercise of the powers conferred on it by section 8(8), 12 of the Environmental Protection Act ("the Act"), hereby gives you notice as follows:

(for section 12(1) notices)

1. The authorisation reference **144** is hereby revoked with effect from **11th December 2001**.

Site:- Whitley Service Station, London Road, Coventry

Signed on behalf of Coventry City Council



.....
Assistant Director, Environmental Services
The officer appointed for that purpose

Date: