



Part B Application form
APPLICATION FOR A PERMIT
FOR A SERVICE STATION

Local Authority Pollution Prevention and Control
Pollution Prevention and Control Act, 1999
Environmental Permitting (England and Wales) Regulations 2010

Introduction

When to use this form

Use this form if you are applying for a permit to operate service station defined in Section 7 of Schedule 1 to the Environmental Permitting Regulations.

Relevant parts of the form may also be used where the retrospective fitting of a 'Stage 2' petrol vapour recovery system is the subject of an application for a non-substantial variation (in which case, no fee will be payable).

The appropriate fee must be enclosed with the application to enable it to be processed further. When complete, send the form and the fee and any additional information to:

Environmental Protection Services
Ipswich Borough Council
Grafton House
15-17 Russell Road
Ipswich, IP1 2DE

If you need help and advice

We have made the application form as straightforward as possible, but please get in touch with us at the address given above if you need any advice on how to set out the information we need.

LAPPC application form, to be completed by the operator		
For Local Authority use		
Application reference	Officer reference	Date received

A1.1. Name of the premises

Asda Ipswich Stoke Park

A1.2. Please give the address of the premises

Asda Stores Ltd, Stoke Park Road, Ipswich, Suffolk

Postcode IP2 9EG Telephone 01493 01473 5560 00

A1.3. Do you have an existing permit for a waste oil burner or another activity such as vehicle respraying?

No

A2.1. The Applicant - Please provide the full name of company or corporate body or the name of the sole trader or the names of the partners

Asda Stores Ltd

Trading/business name (if different)

Registered Office address

Asda House Southbank, Great Wilson Street

Leeds

Postcode LS11 5AD Telephone 0113 826 116

A2.2. Holding Companies

Is the operator a subsidiary of a holding company within the meaning of section 1159 of the Companies Act 2006?

No?

Yes? Name of ultimate holding company

Ultimate holding company registered office address

.....
.....
.....

PostcodeTelephone.....

A3 Who can we contact about your application?

It will help to have someone who we can contact directly with any questions about your application. The person you name should have the authority to act on behalf of the operator - This can be an agent or consultant.

Name Tim Ellis.....

Position Senior Project Manager.....

Address

C + A Design, 2B + 3B Hathersage Business Park,
Heather Lane, Hathersage.....
.....

Postcode S32 1DP.....Telephone 01433 652210.....

Fax number email address Tim.Ellis@cad-ltd.co.uk

B. About the installation

B 1.1 Why is the application being made?

the installation is new

it is an existing Part B installation permitted under the Environmental Permitting Regulations for which a substantial change is proposed within 4 months of the transitional date and an LAFPC permit is required

B2.1 Is the service station located under permanent living quarters or working areas (see section 2 of PG1/14(06))?

No

Yes

B2.2 When was equipment for vapour collection during filling of underground storage tanks installed or when will it be installed?

B2.3 Volume of petrol unloaded into the service station in each of the last three calendar years (see Section 2 of PG1/14(06) for relevant timescales) in cubic metres (ie litres divided by 1000). Please circle the appropriate band.

Year	Volume of petrol/m ³				
	<100	100-500	501-1000	1001-3500	>3500
	<100	100-500	501-1000	1001-3500	>3500
	<100	100-500	501-1000	1001-3500	>3500

B2.4 Are deliveries "Driver controlled"/"Driver Assisted"?

No

Yes

B2.5 At a maximum, how many tanker compartments discharge into storage tanks at any one time, or will do so once a vapour collection system is in place? If the latter information is not known, a statement of what assessment will be made to determine the information and within what timescale. The information supplied under item B2.10 should be supplemented by a site specific assessment (see Section 6 of PG1/14(06)).

Two.....

B2.6 Are diesel storage tanks connected to the vapour balance system?

- No
- Yes

B2.7 Measures taken or to be taken for vapour emission control, both during unloading and in storage?

Stage 1B and Stage 2 vapour recovery to be provided.

B2.8 Please attach process diagrams and plans of vapour collection equipment (including height and location of tank vent pipes). This should include equipment for the recovery of vapours during filling of underground storage tanks and for installations that are required to have a "Stage II" vapour recovery system in place, for filling of vehicle petrol tanks.

Doc Reference GFA Drawing ref A16-FHSP (200) 06- PFS Fuel lines_Rev C

B2.9 Please attach unloading procedure and instructions

Doc Reference Please refer to associated document item B2.9

B2.10 Please state or attach details of supervision, training and qualifications of operating staff (details should be specific to "on site" staff and include general statements about delivery drivers).

Please refer to associated document item B2.10.....

Doc Reference

B2.11 Please state or attach the schedule of maintenance of vapour collection control (including the system for vapour recovery during filling of vehicle petrol tanks for installations that are required to have a "Stage II" vapour recovery in place).

Please refer to associated document item B2.11

.....
.....

Doc Reference

B2.12 Please state or attach the schedule of examination and testing for vapour collection controls (including the system for vapour recovery during filling of vehicle petrol tanks for installations that are required to have a "Stage II" vapour recovery in place).

Please refer to associated document item B2.12

.....
.....

Doc Reference

B2.13 Please attach procedures and contingency measures in the event of vapour containment equipment failure (including the system for vapour recovery during filling of vehicle petrol tanks for installations that are required to have a "Stage II" vapour recovery in place).

Doc Reference *Please refer to associated document item B2.13*

B2.14 For petrol stations that are required to have a "Stage II" vapour recovery system in place only, please provide a certificate to confirm conformity with approval for use under the regulatory regimes of at least one European Union or European Free Trade Association country and to confirm that the hydrocarbon capture efficiency of the equipment is not less than 85% (ie that at least 85% of the displaced vapours are recovered, according to the relevant 'type approval' test (see Section 5.16 of PG1/14(06)), expressed as the ratio of the volume of hydrocarbon vapours displaced to the volume of petrol discharged.

Doc Reference *Certificate number 85-2.127-1*

B2.15 For petrol stations that are required to have a "Stage II" vapour recovery system in place only, please provide details of testing of the vapour containment integrity in accordance with the manufacturer's specifications (to be undertaken prior to commissioning and periodically at least once every 3 years thereafter and always following substantial changes or significant events that lead to the removal or

replacement of any of the components required to ensure the integrity of the containment system.

Doc Reference ~~Caltenco~~ ~~Leader Root TIS~~ ~~SSD Tank Gauge System~~

B2.16 For petrol stations that are required to have a "Stage II" vapour recovery system in place only, is an "automatic monitoring system" installed to automatically detect faults in the proper functioning of the petrol vapour recovery system including the automatic monitoring system; to indicate faults to the operator; and to automatically cut off the flow of fuel on the faulty delivery system if the fault is not rectified within 1 week?

- No
- Yes

B3 Impact on the Environment

B3.1 Provide an assessment of the potential significant local environmental effects of the foreseeable emissions (for example if there is a history of complaints, is the installation in an air quality management area?)

Doc Reference N/A.....

B3.2 Are there any sites of Special Scientific Interest (SSSIs) or European Sites, which are within 500 metres of the installation?

- No
- Yes. Please give the names of the sites

.....
.....
.....

Doc Reference:

B3.3 Provide an assessment of whether the installation is likely to have a significant effect on such sites and, if it is, provide an assessment of the implications of the installation for that site, for the purpose of the Conservation (Natural Habitats etc) Regulations 1994.

Doc Reference:

B4 Environmental Statements

B4.1 Has an environmental impact assessment been carried out under The Town and Country Planning (Environmental Impact Assessment) (England And Wales) Regulations 1999, or for any other reason with respect to the installation?

No

Yes. Please supply a copy of the environmental impact assessment

Doc Reference:

B5 Additional Information

Please supply any additional information, which you would like us to take account of in considering this application.

Doc Reference: *N/A*.....

C1. Fees and Charges

The enclosed charging scheme leaflet gives details of how to calculate the application fee. Your application cannot be processed unless the application fee is correct and enclosed.

C1.1. Please state the amount enclosed as an application fee for this installation.

£.....

Cheques should be made payable to: Ipswich Borough Council

We will confirm receipt of this fee when we write to you acknowledging your application.

C1.2. Please give any company purchase order number or other reference you wish to be used in relation to this fee.

C2. Annual charges

If we grant you a permit, you will be required to pay an annual subsistence charge. If you don't pay, your permit can be revoked and you will not be able to operate your installation.

C2.1. Please provide details of the address you wish invoices to be sent to and details of someone we may contact about fees and charges.

..Licences and Permits - Compliance, Asda House,.....

..Southbank, Great Wilson Street, Leeds.....

Postcode...LS11 5AD.....Telephone...013 826 1116.....

C3. Commercial confidentiality

C3.1. Is there any information in the application that you wish to justify being kept from the public register on the grounds of commercial or industrial confidentiality?

If Yes, please provide full justification, considering the definition of commercial confidentiality within the EP Regulations (See the General Guidance Manual).

C4. Data Protection

The information you give will be used by the Local Authority to process your application. It will be placed on the relevant public register and used to monitor compliance with the permit conditions. We may also use and or disclose any of the information you give us in order to:

- consult with the public, public bodies and other organisations,
- carry out statistical analysis, research and development on environmental issues,
- provide public register information to enquirers,
- make sure you keep to the conditions of your permit and deal with any matters relating to your permit
- investigate possible breaches of environmental law and take any resulting action,
- prevent breaches of environmental law,
- offer you documents or services relating to environmental matters,
- respond to requests for information under the Freedom of Information Act 2000 and the Environmental Information Regulations 2004 (if the Data Protection Act allows)
- assess customer service satisfaction and improve our service.

We may pass on the information to agents/ representatives who we ask to do any of these things on our behalf.

It is an offence under regulation 38 of the EP Regulations, for the purpose of obtaining a permit (for yourself or anyone else) to:

- make a false statement which you know to be false or misleading in a material particular,
- recklessly make a statement which is false or misleading in a material particular.

If you make a false statement

- we may prosecute you, and
- if you are convicted, you are liable to a fine or imprisonment (or both).

C5 Declaration: previous offences (delete whichever is inapplicable)

~~I/We certify~~

EITHER

~~No offences have been committed in the previous five years which are relevant to my/our competence to operate this installation in accordance with the EP Regulations.~~

OR

The following offences have been committed in the previous five years which may be relevant to my/our competence to operating this installation in accordance with the Regulations:

See Document 4278-1

.....

Signature 

Name Stuart Wiggins

Position Senior Director Retail Operations Compliance

Date 17/11/15

C6 Declaration

C6.1 Signature of current operator(s)*

I/We certify that the information in this application is correct. I/We apply for a permit in respect of the particulars described in this application (including supporting documentation) I/We have supplied.

Please note that each individual operator must sign the declaration themselves, even if an agent is acting on their behalf.

For the application from:

Premises name Arch Stoke Park Ipswich

Signature 

Name Stuart Wiggins

Position Senior Director Retail Operations Compliance

Date 17/11/15

Signature

Name

Position.....

Date

** Where more than one person is defined as the operator, all should sign. Where a company or other body corporate – an authorised person should sign and provide evidence of authority from the board of the company or body corporate.*

Supporting Information Document for:

Application for a Permit for a Part B Service Station (Petrol Vapour Recovery)

ASDA Ipswich Stoke Park

Item 32.9 - Unloading Procedure and Instructions:

Prior to unloading, the ullages in the storage tanks are checked using an electronic wet stock management system (Gilbarco fuel monitoring service FMS - TLS350 Tank Gauge) by the Fuel supplier DHL to ensure the amount to be delivered matches the capacity of the storage tank.

Whilst on site, the vapour return hose carried on the tanker is then connected to the road tanker adapter, the other end is connected to the storage tank. Once the vapour return hose has been correctly connected, the delivery hose is then connected to the tanker and storage tank. No more than two hoses are connected at one time. Petroleum is now unloaded from the road tanker into the storage tank. All procedures are carried out in accordance with the HSE 'Unloading petrol from road tankers' ACOP. We also have a mechanical overfill valve installed within the tank set to shut off at 95% of capacity.

Item B2.10 - Details of supervision, training and qualifications of operating staff:

The supervision of the station including VR2 compliance shall be carried out by specific ASDA store colleagues who have been specifically trained to a recognised "competent person" status. These persons will be educated in accordance with ASDA corporate guidance/procedures which incorporates theoretical training with reference to ASDA Petrol training materials and supporting information on the ASDA intranet site followed by on-site training in live conditions. Colleagues shall be entered into the store "Competent Persons Register" a copy of which shall be logged in the PFS Site Register.

Unloading procedures shall be undertaken by DHL distribution carried out in accordance with the HSE 'Unloading petrol from road tankers' ACOP. All drivers are subject to a rigorous practical and theoretical training programme including refresher training and on-going driver assessments and delivery observations. All sites are risk assessed by DHL and all drivers are issued with a comprehensive handbook detailing specific method information and safe systems of work for loading and unloading of fuels.

Item B2.11 - Schedule of maintenance of vapour control

Annual maintenance - current certificates will be on site in the Site Register

- Every six months the ACO drains / Interceptor tank is cleaned / emptied by John Rome Ltd
- Electrical Test Certificates are carried out on site annually by DRB Electrical
- Stage 1 B annual testing
 - System integrity test
 - P&V Valve pressure / vacuum test
 - P&V Valve leak test
 - Caps, seals & signage checks

- Flame Arrestor cleaned

Three Yearly testing

- Stage 2 Vapour Recovery test - current certificates will be on site in the Site Register
 - Stage 2 Air to Product ratio testing

Item B2.12 - Testing for vapour collection controls

Asda have a comprehensive service from Gilbarco FMS including testing vapour collection controls through the TLS 350 tank gauge. The main functions monitored are:

Alarm Management - Alarm management for equipment alarms / tank alarms / wet stock loss (continuous statistical leak detection / pressurised line leak detection) & vapour recovery alarms

Weekly Statistical Inventory Reconciliation - Trend analysis to detect small losses

Flow Monitoring - Flow monitoring and low flow alarms

Variance Analysis - Includes Variance reporting and delivery matching.

In order to test vapour collection controls, the tank gauge monitors and evaluates all dispensing transactions in excess of 20 liters and compares to the regulatory standard to verify compliance. The acceptable regulatory standard is a vapor to liquid ratio that is greater than or equal to 85%, but less than or equal to 115%.

For those transactions exceeding 20 liters and falling outside the acceptable regulatory threshold, an alarm is generated which will be analyzed and escalated by Gilbarco FMS generated indicating that the system has failed. If the system records 10 consecutive failed transactions the Vapor Monitoring Controller will automatically shut the system down in 7 days.

Item B2.13 - Procedures and contingency measures in the event of vapour containment equipment failure:

Automatic monitoring system validating every pump utilisation.

All alarms are remotely monitored 24/7 by Gilbarco FMS - when a vapour recovery alarm is received it is analysed within a 15 minute response and if a remote fix cannot be implemented an engineer is dispatched.

A valid transaction is one that exceeds 20 seconds in duration and at a delivery rate of greater than 25 L/min. If 10 consecutive transactions are outside this range then the system deems there to be a fault on that side of the pumps and enters it's alarm phase with the 7 day count down commencing.

After 7 days the monitoring system will disable the petrol nozzles on the side of the pump with the stage II VR fault. The diesel nozzle(s) can continue to be used.

Convictions

None

Cautions

Date of Caution	Authority	Particulars
04/10/12	Environment Agency (Environmental Permitting Regulations 2010)	Automatic alarm failure resulted in the discharge of foul water into controlled waters.
13/08/14	Southern Water (Water Industry Act 1991)	Discharge of sewage into a stream located behind store.



Industrie Service

Zertifikat Nr. 85-2.127-1

Certificate No. 85-2.127-1

Die Prüfstelle für Gasrückführungssysteme des TÜV SÜD, Westendstr. 199, D-80686 München, bescheinigt die Prüfung gemäß dem Merkblatt: „Systemprüfung für aktive Gasrückführungssysteme und deren Überwachungssysteme in Deutschland (Merkblatt I)“ vom 17.6.2002 für folgendes Gasrückführungssystem:

The TÜV SÜD Test Body for Vapor Recovery Systems, Westendstr. 199, D-80686 Munich, certifies having conducted tests as per the following code: "Testing of active vapor recovery systems and their monitoring devices in Germany (Code I)" of June 17, 2002 on the following vapor recovery system:

- Zapfventil: **ELAFLEX ZVA 200 GR**
Fuel-hose nozzle:
- Schlauch: **ELAFLEX Conti Slimline 21/8 Coax**
Hose:
- Steuerventil: **Bürkert, 6022 / 2832,**
Control valve: **mit Ansteuerung Bürkert/ with Bürkert control**
- Gasrückführungs- **Gardner Denver Thomas GmbH**
pumpe: **(ehemals previously ASF Thomas),**
Vapor recovery pump: **Typ 8014-5.0, 8014-6.0**

Folgende Randbedingungen sind bei der Installation einzuhalten:
The following general conditions must be observed during installation:

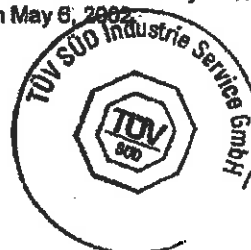
- maximaler Kraftstoffvolumenstrom: **38 l/min**
Maximum volumetric fuel-flow rate:
- maximaler Gegendruck in der Rückföhrleitung: **150 mbar**
Maximum counter pressure in recovery line:
- Korrekturfaktor für die Systemeinstellung mit Luft: **1,09**
- Correction coefficient for system settings with air:

Der geforderte Wirkungsgrad von mindestens 85 % wurde nachgewiesen.
The required minimum efficiency ratio of 85% was proved.

Das Gasrückführungssystem entspricht dem Stand der Technik im Sinne der 21. BImSchV (Verordnung zur Begrenzung der Kohlenwasserstoffemissionen bei der Betankung von Kraftfahrzeugen) vom 07.10.1992 zuletzt geändert am 6.5.2002.

The vapor recovery system corresponds to the state of the art as defined in the 21st BImSchV (Air-pollution Control Regulation on the restriction of hydrocarbon emissions during vehicle refueling) of October 7, 1992, last amended on May 6, 2002.

München, 12.02.2007
Munich, February 12, 2007



Der Sachverständige
The officially authorized expert

Peter Szalata

Peter Szalata



Industry Service

Ergänzungs - Zertifikat

für fortlaufende Nummern: 85-2.xxx

Amendmend certificate
For no 85-2 xxx

Die Prüfstelle für Gasrückführungssysteme des
TUV Süddeutschland, Westendstr. 199, D-80686 München,
bescheinigt die Prüfung gemäß dem Merkblatt:
„Systemprüfung für aktive Gasrückführungssysteme und deren
Überwachungssysteme in Deutschland (Merkblatt I)“ vom 17.6.2002
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The TÜV Süddeutschland Test Body for Vapor Recovery Systems,
Westendstr. 199, D-80686 Munich, certifies having conducted tests as per the following code:
"Testing of active vapor recovery systems and their monitoring devices in Germany (Code I)" of
June 17, 2002 on the following vapor recovery system:

- Zapfventil: **ELAFLEX ZVA SLIMLINE 2 GR**
Fuel-hose nozzle:
- Gasrückführungs-
systeme: **Geeignet für alle Gasrückführungssysteme für die ein
gültiges Zertifikat mit dem ELAFLEX ZVA 200 GR
Zapfventil vorliegt. Die in diesem Zertifikat genannten
Randbedingungen gelten unverändert.**
Vapor recovery systems: **Applicable for all valid certified vapour recovery systems with ELAFLEX
ZVA 200 GR nozzle. The general conditions of this certificate are still
valid.**

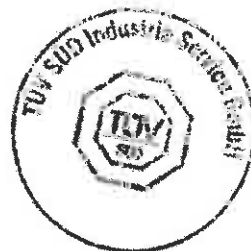
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pollution Control Regulation on the restriction of hydrocarbon emissions during vehicle refueling) of
October 7, 1992, last amended on May 6, 2002.

München, 26/11/2007



Der Sachverständige
The officially authorized expert

Peter Szalata

Peter Szalata

TYPICAL VAPOUR RECOVERY SYSTEM (SINGLE SIDED) (NON-VAPOUR RECOVERY COMPONENTS WITHIN GREY BOX)

