Part B Application form

Application to vary a permit for a Part B service station to add PVR Stage II

Local Authority Pollution Prevention and Control
Pollution Prevention and Control Act, 1999
Environmental Permitting (England and Wales) Regulations 2007

Introduction

When to use this form
Use this form if you are applying for a variation to an existing service station permit in order to extend it to cover the operation of PVR Stage II.

A fee is only required to be enclosed if the variation involves a 'substantial change'. A substantial change is defined as "a change in operation which, in the opinion of the competent authority [the regulator] may have significant **negative** effects on human beings or the environment". (Closure of an existing service station and the building of a new replacement station at another location is likely to require a full fresh application, ie not constitute a variation.)

When complete, send the form and the fee and any additional information to:

Insert local authority address WARWICK DISTRICT COUNCIL

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 local authority 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 LEAMINGTON SPA

A1.2. Please give the **address of the premises**
CHESTERTON DRIVE, SYDENHAM INDUSTRIAL ~~EST~~ ESTATE
LEAMINGTON SPA

Postcode CV31 1YD Telephone 01926 311656

A1.3. Reference number of existing PVR Stage I permit for the installation
46

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...Limited.....

Trading/business name (if different)

...as...above.....

Registered Office address

.....Asda...House,...Southbank,...Great...Wilson,...Leeds.....
.....
.....
Postcode
....LS11.5AD.....Telephone...01132419046.....

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

If yes? Name of ultimate holding company .....
Wal-Mart Stores Inc.....

Ultimate holding company registered office address

702 Southwest 8th Street, Bentonville, Arkansas, 72716-0130
United States of America

Postcode .....Telephone.....

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

Siobhan...Maguire-Broad.....

Position
...Asset...Replacement...Assistant.....
.....

Address

...Store...Services,...Asda...House,...Great...Wilson...Street,...Leeds

Postcode
.....LS11.5AD.....Telephone.....0113.2419046.....

Fax number ...0113...2415435.....
email address
[redacted].....

B. **About the installation**

B1.1 Is PVR Stage II equipment already fitted:

☐ No

☑ Yes

B1.2 If the answer to B1.1 is "no",

a) when do you intend to fit it .....

b) what arrangements are in place (eg contract with installers) to fit it

.....

B2.1 What systems have been installed or is it intended to install to comply with PVR Stage II?

Open Active GVR...Stage...2...Vapour...Recovery...and
Automatic...Monitoring...Equipment

Doc Reference .....5.....

B2.2 What is or will be the vapour/petrol ratio?

calibrated...and...set...to...95-105%
operational...range...85-115%

B2.3 Please attach process diagrams and plans of VPR Stage II system, including pipework layout.

Doc Reference .....1.....

B2.4 What arrangements will be/have been made for preventative maintenance of the PVR Stage II equipment.

Gilbarco
Stage...1...and...2...Testing...and...Inspection...Schedule

Doc Reference ...2.....

B2.5 What arrangements will be/have been made to ensure relevant staff are adequately familiar with/trained in the use of the PVR Stage II equipment.

Colleagues trained during installation

Doc Reference .....3.....

B2.6 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).

Doc Reference .....4.....

B2.7 Please provide a certificate to confirm conformity of the PVR Stage II equipment 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 .....5.....

B2.8 What arrangements will be put in place to test delivery systems and vapour recovery systems, including the testing of the vapour/petrol ratio? 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 .....2.....

B2.9 Is an "automatic monitoring system" installed, or will it be 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 Additional Information

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

Doc Reference: .....

C1. **Fees and Charges**

C1.1. Please enclose the relevant sum if this variation involves a substantial change, and state the amount enclosed.

£.....

Cheques should be made payable to:

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.If different to details provided in relation to your current PVR Stage I permit, please provide details of the address you wish invoices to be sent to and details of someone we may contact about fees and charges.
FAO Store Services
.....Asda...House,...Great...Wilson...Street, Leeds

Postcode....LS11.5AD.....Telephone...0113.2419046

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:~~

.....

.....

Signature .....[redacted]....on...behalf...of...Asda...Stores...Ltd...

Name .....Varn...Ullyart.....

Position...Head...of...Asset.....

Date 19/11/09

6 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 ..... ASDA LEAMINGTON SPA .....

Signature ... [redacted] .....

on behalf...of...Asda...Stores...Ltd.....

Name .....Varn...Ullyart.....

Position...Head...of...Asset.....

Date .....19/11/09.....

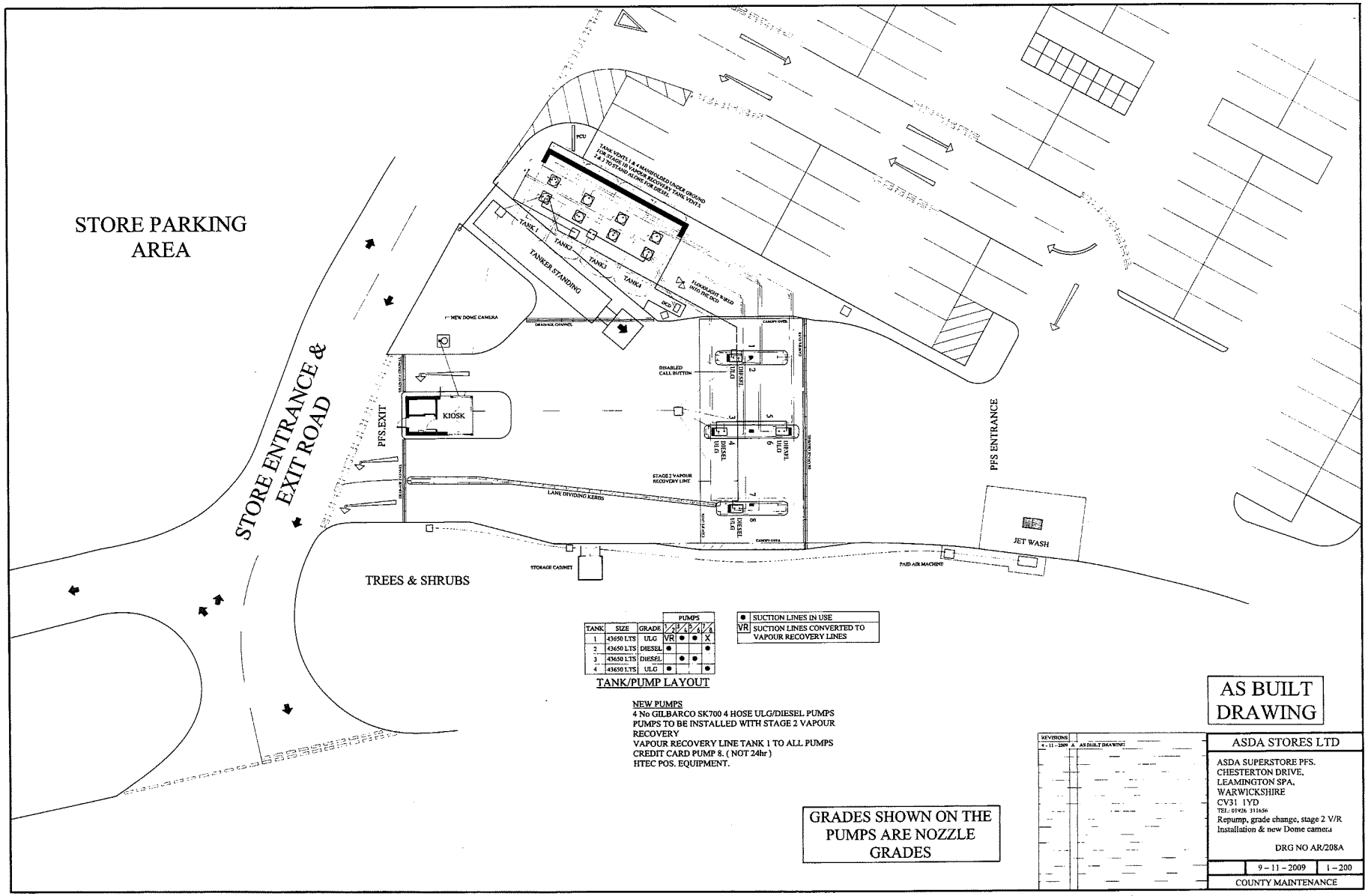
Signature .....

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.*



TANK	SIZE	GRADE	PUMPS 1	2	3	4
1	43650 LTS	ULG	VR	●	●	X
2	43650 LTS	DIESEL	●			●
3	43650 LTS	DIESEL		●	●	
4	43650 LTS	ULG	●			●

TANK/PUMP LAYOUT

●	SUCTION LINES IN USE
VR	SUCTION LINES CONVERTED TO VAPOUR RECOVERY LINES

NEW PUMPS
4 No GILBARCO SK700 4 HOSE ULG/DIESEL PUMPS
PUMPS TO BE INSTALLED WITH STAGE 2 VAPOUR RECOVERY
VAPOUR RECOVERY LINE TANK 1 TO ALL PUMPS
CREDIT CARD PUMP 8. (NOT 24hr)
HTEC POS. EQUIPMENT.

GRADES SHOWN ON THE PUMPS ARE NOZZLE GRADES

AS BUILT DRAWING

REVISIONS
9 – 11 – 2009 A AS BUILT DRAWING

ASDA STORES LTD

ASDA SUPERSTORE PFS.
CHESTERTON DRIVE,
LEAMINGTON SPA,
WARWICKSHIRE
CV31 1YD
TEL: 01926 311656

Repump, grade change, stage 2 V/R
Installation & new Dome camera

DRG NO AR/208A

9 – 11 – 2009 | 1 – 200

COUNTY MAINTENANCE

VAPOUR RECOVERY - SCHEDULE OF MAINTENANCE & SCHEDULE OF INPSECTION AND TESTING

STAGE 1B

To meet the requirements in Defra PGN 1.14 (06)

ANNUAL

Visual inspection of:

a) Fill pipe adaptors and caps. Replace as required.
b) Vapour connection point, including condition of adaptor, poppet valve and dust cover. Replace as required
c) Position and clarity of safety notice. Replace as required
d) Emission control valve. Clean/check flame arrestors and gauzes

EVERY 3 YEARS

As per annual inspection plus:

a) Replace emission control valve with new certified unit to meet pressure and vacuum settings.

EVERY 5 YEARS

As per annual inspection plus:

a) Testing of all fill pipes, vapour return line(s) and vents.
b) Visual inspection of non return ball valves on vapour manifold (if applicable). Clean and check operation

STAGE 2 - Pump/Dispenser

As pumps are fitted with Automatic monitoring system tested and approved to Merkblatt 1 standard by TUV, there is no requirement for weekly checks or annual tests as specified in Defra PGN 1.14(06)

EVERY 3 YEARS

a) Vapour containment intergrity test
b) Vapour recovery effectiveness (V/P ratio)
c) Monitoring system test - disables petrol nozzles affected

GILBARCO VEEDER-ROOT

ASDA

Gilbarco Veeder-Root
Crompton Close
Basildon
Essex
SS14 3BA

Tel: +44 (0)1268 533090
Fax: +44 (0)1268 524214
Web: www.gilbarco.com

Asda site code:

TEM STAGE II VAPOUR RECOVERY SITE TRAINING

Training	Completed
Explain VRII concept: o Petrol vapours from customer's car returned to the site unleaded underground storage tank.	
Explain VRII legislation: o Applicable to all sites with petrol volume ≥3.5 million litres per annum. o Effective operating criteria: vapour to the amount of 85% to 115% of dispensed product to be returned to Unleaded underground storage tank.	
Explain failure criteria: o 10 consecutive failures outside 85% to115% criteria will initiate a VRII Alarm. Petrol grade on affected pump will operate for 7 days and then shut down. o Qualified engineer will be required to fix.	
Explain Asda's chosen method for managing VRII Alarms: o VRII Alarm will run from pump to gauge. o Gauge will despatch alarm to GV-R wet stock supplier (FMS). o GV-R (FMS) will despatch repair engineer. o GV-R have 7 days to effect repair before affected pump nozzles shut down. o Fully automated process. No site staff intervention required.	
Remove pump panel and show: o VRII kit. o VRII Alarm monitoring equipment. o VRII vapour return line (sheer valve).	
Show and explain pump VRII nozzle and hose.	
Simulate a VRII alarm condition and show alarm description on gauge console.	
Explain Site Operator Guidance Note for Stage II Vapour Alarm Monitoring on TLS 350R (below)	

Signed by site Manager or responsible staff member on behalf of all trained site staff.

.....Signed .....Staff Name

.....Site Name

One copy retained by site, one copy returned to Basildon Sales Admin.

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Certificate no. Ü-12.5

TÜV SÜD Industrie Service

Issued for an automatic monitoring system

The TÜV Süd Test Body for Vapour Recovery Systems, Industry Service GmbH, Westendstr. 199, D-80686 Munich, hereby certifies testing of an automatic monitoring device for active vapour recovery systems at petrol stations as per Article 3 (5) of the 21st Regulation on Air-Pollution Control (Bundesimmissionsschutzverordnung, BImSchV)

- Type designation: **VMC** (Vapour Monitoring Controller)

  Manufacturer: **Gilbarco GmbH & Co. KG**
  Ferdinand-Henze-Str. 9

  D - 33154 Salzkotten

- System components

  Gas flow sensor: For each fuel dispenser side:
  Type: **GE1** (volume measurement by rotary piston meter principle) installed in the vapour recovery pipe in front of the vapour recovery pump or the control valve.

  Operating electronics: Type: **VMC** installed in the head of the dispenser analyses and evaluates the gas flow, generates alarm and shutoff signals.

- Applicabbility : This automatic monitoring device for active vapour recovery systems is suitable for fitting onto new and existing fuel dispenser. It also allows for monitoring of different makes or types of fuel dispenser.

Tests showed that the requirements outlined in the 21st BImSchV, Article 3 (5), and Code of Practice 1, Part II (Testing of automatic monitoring devices in active vapour recovery systems) have been satisfied

Munich, August 30, 2004

TÜV SÜD Industrie Service GmbH

The officially authorized expert

Peter Szalata

ZERTIFIKAT ◆ CERTIFICATE ◆ 证书 ◆ CERTIFICAT ◆ CERTIFICADO ◆ CERTIFICAT

TÜV SÜD Industrie Service

Zertifikat Nr. 85-2.120-0

Certificate No. 85-2.120-0

Die Prüfstelle für Gasrückführungssysteme des
TÜV 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
für folgendes Gasrückführungssystem:

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 200 GR**
  Fuel-hose nozzle:
- Schlauch: **ELAFLEX Conti Slimline 21/8 Coax**
  Hose:
- Steuerventil: **Bürkert, 6022 / 2832,**
  Control valve: mit Ansteuerung Bürkert
- Gasrückführungs-pumpe: **ASF Thomas, Typ 8014-1, 8014-5.0**
  Vapor recovery pump:

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

- maximaler Kraftstoffvolumenstrom: **42** **l/min**
  Maximum volumetric fuel-flow rate:
- maximaler Gegendruck in der Rückführleitung: **50** **mbar**
- Maximum counter pressure in recovery line:
- Korrekturfaktor für die Systemeinstellung mit Luft: **1,07**
- 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, 2004.02.17

TÜV Industrie Service GmbH TÜV SÜD TÜV SÜD Gruppe

Der Sachverständige
The officially authorized expert

Peter Szalata

(6)

GILBARCO VEEDER-ROOT

GVR - FEF

STAGE II VAPOUR RECOVERY

COMPLIANCE CERTIFICATE

ASDA Leamington Spa

08/11/2009

GVR - FEF Stage II Vapour Recovery Test Certificate

PART A. Work and Equipment Record

Completed certificate to be kept on site with site records and a copy retained by the contractor.

Date: 08/11/2009

Engineer Name: Jeremy Turner

Site Name & Operator: ASDA Leamington Spa

Address of site: Chesterton Drive
Leamington Spa, Warwickshire
CV31 1YJ

Dispenser/Pump Make & Model: GVR SK700 MkII

Vapour Recovery system fitted: Burkert & Durr Mex

Vapour Recovery monitoring system fitted: Gilbarco VMC

Tick all boxes that apply:

- [x] New Installation
  - [x] New Pumps with Stage II
  - [ ] Stage II retrofit
  - [ ] Automatic monitoring retrofit
- [ ] Work on Vapour Recovery System
- [ ] Work on Automatic Monitoring System
- [ ] Ordered by customer or other agency
- [ ] Annual periodic test
- [ ] 3 yearly periodic test
- [ ] Test after modification or repair
- [x]

Remarks:

GVR - FEF Stage II Vapour Recovery Test Certificate

PART B. VR Efficiency Test Record

The manufacturer's documentation, including approval certificate, contains data required for efficiency tests.

Correction factor for air (in manufacturer's documentation): 1.04

Maximum certified fuel flow rate: 42 L/min Outdoor temperature: 15°C

Tolerance range for V/P ratio: 95% to 105%

Pump side	Pump Number	Grade Name		V/P ratio at air test flow rate			
				Before adjustment		After adjustment (if applicable)	
				[%]	[l/min]	[%]	[l/min]
1	2	G1					
		G2	Unleaded	99	38		
		G3					
2	1	G1					
		G2	Unleaded	99	38		
		G3					
1	4	G1					
		G2	Unleaded	101	38		
		G3					
2	3	G1					
		G2	Unleaded	99	38		
		G3					
1	5	G1	Unleaded	99	38		
		G2					
		G3					
2	6	G1	Unleaded	101	38		
		G2					
		G3					
1	8	G1					
		G2	Unleaded	99	38		
		G3					
2	7	G1					
		G2	Unleaded	99	38		
		G3					

If more than 4 pumps see additional page 3.

Note: If the Vapour Recovery monitoring device is equipped with a regulation or correction function then this has to be disabled during the measurements.

If an Automatic Monitoring system is fitted, is this operating correctly - indication for normal operation, alarm condition and stop condition. **YES**

Date of this inspection: 08/11/2009

Date next inspection due: 08/11/2012

Certifying Engineer: Jeremy Turner

Store Services
Asda House
Southbank
Great Wilson Street
Leeds
LS11 5AD
Tel: 0113 2419046
Fax. 0113 2418659
www.ASDA.com

19/11/09

Dear WARWICK DISTRICT COUNCIL

I understand that you need something in writing to confirm who Varn Ullyart is, and what his duties are with regard to petrol licences and vapour recovery permits.

My name is Steve Masters and I am one of the Directors of Asda Stores Limited. I can confirm on behalf of Asda Stores Ltd that Varn Ullyart is our Head of Asset, and as such he is authorised by Asda Stores Ltd to sign petrol licences and vapour recovery permit applications on behalf of the company.

Regards

[redacted]

Steve Masters
Property Development Director