

# **Notice of variation and consolidation with introductory note**

The Environmental Permitting (England & Wales) Regulations 2010

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DOW Corning Limited

Barry Silicone Based manufacturing  
Installation  
Barry Plant  
Cardiff Road  
Barry  
Vale of Glamorgan  
CF63 2YL

Variation application number  
EPR/BR9658IX/V008

Permit number  
EPR/BR9658IX

# **Barry Silicon Based Manufacturing Installation**

## **Permit number EPR/BR9685IX**

### **Introductory note**

**This introductory note does not form a part of the notice.**

The following notice gives notice of the variation and consolidation of an environmental permit.

This variation makes a number of changes to the site permit.

Additional abatement equipment is to be used on Plant W307, a product that is manufactured on site (phosphonitrile process) has also been removed from the permit as it is no longer produced on-site, and as a result of this the permit limit for HCl has been removed. Plant W308 has been decommissioned and this is reflected in the permit. Ethylene has also been removed from plant W308.

A new tanker vent point has been added to the W414 tanker bay.

A new cooling tower W342 has been added to the site permit and a decommissioned cooling tower W339 has been removed from the site permit  
W714 reactor - A replacement fluid bed reactor has been installed on-site and added to the site permit

W930 reactor – An isolated catalyst charging system is being installed on-site as an upgrade to directly deliver catalyst to the reactor, this has been reflected in the site permit.

A new vent scrubber is to be installed on-site to replace existing equipment, a new authorised vent point has been added to the permit. An existing scrubber has also been removed from site and the associated vent point removed from the permit.

The W424 conveyor and bucket elevator is to be replaced on-site and a dust extraction system added. As a result a new authorised vent point has been added to the permit.

W949 Energy Recovery Unit (ERU) is undergoing an improvement project and as such the residence time in the chamber is to be reduced.

Catalyst unit W115 has been removed from site and this has been reflected in the permit and the associated vent point has also been removed.

Increased rates in 204/205 building have been confirmed and 400 quencher has been removed from site and the permit updated.

This variation also had a number of administrative changes to correct errors in a previous variation.

The schedules specify the changes made to the permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Description	Date	Comments
Application BR9685IX	Received 17/08/05	
Response to request for information BR9685IX	Requests dated: 30/09/05 07/10/05 21/10/05 25/10/05 03/11/05, 9/11/05	Responses dated: 03/11/05, 12/10/05 25/10/05, 17/11/05 08/11/05 15/11/05, 17/11/05 Summary response 24/01/06, 21/02/06, 21/02/06
Request to extend determination BR9685IX	Request dated 14/12/05	Request accepted 09/01/06
Permit determined BR9685IX	06/06/06	
Application HP3138UU	Duly Made 01/05/07	
Additional information received HP3138UU		08/05/07
Response to request for additional information HP3138UU	15/05/07	30/05/07
Variation Notice HP3138UU Issued	27/06/07	
Application EPR/BR9685IX/V003	Duly Made 08/09/08	
Variation notice EPR/BR9685IX/V003 issued	19/11/08	
Application EPR/BR9685IX/V004 (PAS Ref LP3231KF)	Duly Made 07/12/09	
Additional information received EPR/BR9685IX/V004		05/02/10
Additional information received EPR/BR9685IX/V004		08/03/10
Variation notice EPR/BR9685IX/V004 issued	08/03/10	
Application EPR/BR9685IX/V005 (PAS Ref NP3836HK)	Duly Made 24/12/10	
Additional information received EPR/BR9685IX/V005		10/02/11
Variation notice EPR/BR9685IX/V005 issued	11/03/11	
Application EPR/BR9685IX/V006	Duly Made 22/12/11	Minor technical variation to include a very low viscosity fluids (VLVF) project and an ethylene replacement project. Also to vary and update the permit to modern conditions.
Additional information received EPR/BR9685IX/V006	21/02/12	Information regarding the maintenance vent for Methyl Chloride tankers to add to the variation.
Variation determined EPR/BR9685IX/V006	22/03/12	Varied and consolidated permit issued in modern condition format.

Agency variation determined EPR/BR9685IX/V007	21/03/13	Agency variation to implement the changes introduced by IED
Application EPR/BR9685IX/V008	Duly Made 29/07/16	Changes as described in variation and consolidation notice introductory note
Variation determined EPR/BR9685IX/V008	03/10/16	Varied and consolidated permit issued in modern condition format.

End of introductory note

## Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Natural Resources Body for Wales ("Natural Resources Wales") in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

Permit number  
**EPR/BR9685IX**

issued to  
**DOW Corning Limited** ("the operator")

whose registered office is

**Barry Plant  
Cardiff Road  
Barry  
Vale of Glamorgan  
CF63 2YL**

company registration number 486170

to operate a regulated facility

**DOW Corning UK  
Cardiff Road  
Barry  
Vale of Glamorgan  
CF63 2YL**

to the extent set out in the schedules.

The notice shall take effect from 03/10/16

Signed

Date

	<b>03/10/16</b>
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Anna Lewis, Principal Permitting Officer  
Authorised on behalf of Natural Resources Wales

**Schedule 1**

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

**Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.