

**PERMIT NUMBER BR9685IX
DOW CORNING LTD**

SCHEDULE 5 PART A INCIDENT NOTIFICATION

This information MUST be FAXED to Natural Resources Wales at the below FAX no. within 24 hr. of an incident occurring.

Revision Date: 06 June 2006

To:	Process Industry Inspector
FAO: Mr Tony Leakey	Natural Resources Wales Rivers House St Mellons Business Park Fortran Road St Mellons Cardiff CF3 0EY
FAX No:	029 20362095
From: Name Of Operator Location of Process:	Judith Sartor Dow Corning Limited Cardiff Road, Barry, Vale of Glamorgan
FAX No:	01446-749634
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Date Information Provided:	16/10/2017

Part A

Permit Number	EPR/BR9685IX
Name of Operator	Dow Corning Ltd
Location of Facility	Barry, South Glamorgan, Wales
Time and Date of Detection	16/10/17 11:00

a) Notification requirements for any activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment	
To be notified immediately	
Date and time of event	15/10/17 23:35 – 16/10/17 13:53
Reference or description of the location of the event	W949 Energy recovery unit
Description of where any release into the environment took place	A41 ERU vent stack
Substance(s) potentially released	Cl , HCl and MeCl
Best estimate of quantities or rate of release	160kg/hr MeCl with Cl and HCl (values are approximate only – more detailed calculations will be carried out during investigation)
Measures taken, or intended to be taken, to stop any emission	MeCl rich sources isolated and rates to ERU ramped down
Description of the failure or accident	Whilst venting Nitrogen rich streams following site shutdown, inert material entered the compressor system which generated excessive MeCl vent loading to the ERU for a number of hours. The caustic usage rate increased during this period, and although the pH did dip, the control operated as intended. The combustion temperature remained above 1100°C throughout the period, indicating a good likelihood of combustion.

	Localised tube sampling of vent point indicated 15-20ppm HCl and 8ppm Chlorine during the period of high vent loading. Further localised tube sampling at 3pm on 16th showed the unit to be back within normal operating conditions, 2ppm HCl and 1ppm Chlorine A full root cause investigation will be carried out and the recommendations and findings shared in Part B.
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b) Notification requirements for the breach of a permit condition	
To be notified immediately	
Emission point reference source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

c) In the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment:	
To be notified immediately	
Description of where the effect on the environment was detected	
Substance(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B- to be submitted as soon as practicable

Any more information on the matters for notification under Part A	
Measure taken, or intended to be taken, to prevent a recurrence of the incident	
Measure taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment, which has been or may be caused by the emission.	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name	Judith Sartor
Post	Environmental Specialist
Signature	
Date	16/10/17