

PERMIT NUMBER JP3632ZH

DOW SILICONES UK LTD

SCHEDULE 5 INCIDENT NOTIFICATION

To:	Process Industry Inspector
FAO: Mr Tony Leakey	Natural Resources Wales Rivers House St Mellons Business Park Fortran Road St Mellons Cardiff CF3 0EY
Phone	03000 65 3000
Email	icc@cyfoethnaturiolcymru.gov.uk
From:	Judith Sartor
Name Of Operator	Dow Silicones UK Ltd
Location of Process:	Cardiff Road, Barry, Vale of Glamorgan
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Date Information Provided:	03/10/18

Part A

Permit Number	EPR/JP3632ZH
Name of Operator	Dow Silicones UK Ltd
Location of Facility	Barry, South Glamorgan, Wales
Time and Date of Detection	21 st September till 26 th September 2018

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	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substance(s) potentially released	
Best estimate of quantities or rate of release	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident	

b) Notification requirements for the breach of a permit condition

To be notified immediately

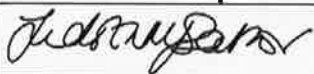
Emission point reference source	A2
Parameter(s)	Carbon Monoxide
Limit	110 mg/m3 - Daily mean of validated hourly averages
Measured value and uncertainty	238.9, 199.1, 130, 216 mg/Nm3
Date and time of monitoring	21/9/18 (online for 5 hours), 24/9/18 (online for 6 hours), 25/9/18 (online 24 hours) and 26/9/18 (online 17 hours)
Measures taken, or intended to be taken, to stop the emission	Each time there has been a CO issue the analyser has been checked and changed. LAND were then called out to check the CO analyser. They attended site on 25 th September and informed us that it was a process issue. At this point measures were taken to reduce the CO and the issue has been escalated to instigate a root cause investigation. Detailed data analysis has now begun and experts from other Dow locations are being consulted to help establish the cause.

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	03/10/18