

CONTINUOUS MEASUREMENT SYSTEMS INVALIDATION LOG

QUARTERLY RETURN

Year: 2018

Operator: Dow Silicones UK Ltd

Form: IED CEM1

Monitor positioned on release point/LCP Number: A1 / LCP 60

Version/Date: V 3.1 31 Dec 2016

Permit/Variation Number: EPR/JP3632ZH

Barry Cogeneration Plant

Date	Period of invalidation (hours)	Invalidated days in year	Comments
20/03/2018 - 20/03/2018	3 hrs	1.	Higher NOx on one sensor for a short period
28/05/2018 - 28/05/2018	5 hrs	2.	Fluctuations in NOx sensors and one CO sensor reading zero
24/06/2018 - 24/06/2018	3 hrs	3.	Period where one CO sensor was reading zero
26/06/2018 - 26/06/2018	5 hrs	4.	Period where one CO sensor was reading zero
28/06/2018 - 28/06/2018	7 hrs	5.	Period where one CO sensor was reading zero
30/06/2018 - 30/06/2018	7 hrs	6.	Period where one CO sensor was reading zero
12/07/2018 - 12/07/2018	5 hrs	7.	Period where one CO sensor was reading zero
14/07/2018 - 20/07/2018	69 hrs	14.	Period where one CO sensor was reading zero

NOTES:

(a) Compliance in Chapter III of the IED is on the basis of validated hourly averages, measured by continuous monitors (except where discontinuous exemption applies). And confidence intervals are incorporated to convert the measured hourly value into a validated measurement for the purpose of compliance assessment. However, any day in which more than 3 hourly average values are invalid (due to malfunction or maintenance of the continuous measurement system) shall be invalidated for the purpose of compliance assessment. If more than 10 days are invalid over a year the operator shall, within 28 days of becoming aware of this fact, review the causes of the invalidations and submit to the Environment Agency for approval, proposals for measures to improve the reliability of the continuous measurement systems, including a timetable for the implementation of those measures; and implement the approved proposals.

Signed on behalf of the Operator by: ...Jude Sartor.....

Date of return: ...2nd August 2018.....