

RELEASES TO AIR
RETURN OF DISCONTINUOUS MONITORING RESULTS

Operator: Dow Silicones UK Ltd
Location: Barry Cogeneration Plant
Permit/Variation Number: EPR/JP3632ZH/V002

Form: IED PM1
Version: V.11 Mar 2016

Year - 2019	LCP 60 (A4 FB-002A)				
Six months to -31/12/19					
Measurement approach	NO _x	SO ₂	CO	Hg	Dust
Time	10:15-11:15		10:15-11:15		
Date	03/12/2019		03/12/2019		
Measurement 1 (mg/m ³) ^(b)	95.67		17.7		
Measurement 2 (mg/m ³) ^(b)					
Measurement 3 (mg/m ³) ^(b)					
Alternative approach ^(c)					
Method ^(d)		FS			DF
Calculation (mg/m ³)		0.72			0
Operational data ^(a)					
Load (%MCR)					
Fuel 1 Natural Gas (%)	100	100	100		100
Fuel 2 name (%)					
Fuel 3 name (%)					
Daily Emission Limit Value					
(mg/m ³)	135	38.5	200		5.5

NOTES:

- (a) Operational data for the test period (measurement approach) or the six month period to date (Alternative approach)
(b) Reference conditions for mg/m³ are 15% O₂ CCGT, 6% O₂ solid fuels, 3% O₂ for oil and gas, dry, 0°C, 101.325 kPa
(c) Alternative approach to discontinuous monitoring by agreement with the Competent Authority
(d) Use abbreviation: NF for agreed NO_x factor, FS for fuel sulphur content, CS for agreed CO factor, DF for agreed dust factor

Signed on behalf of the Operator by: Judith Sartor, Environmental Specialist



Date of return: 10th February 2020

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Form: IED PM1
Version: V.11 Mar 2016

Year - 2019	LCP 60 (A5 FB-002B)				
Six months to -31/12/19					
Measurement approach	NO _x	SO ₂	CO	Hg	Dust
Time	09:35-10:35		09:35-10:35		
Date	04/12/2019		04/12/2019		
Measurement 1 (mg/m ³) ^(b)	101.67		0.33		
Measurement 2 (mg/m ³) ^(b)					
Measurement 3 (mg/m ³) ^(b)					
Alternative approach ^(c)					
Method ^(d)		FS			DF
Calculation (mg/m ³)		0.72			0
Operational data ^(a)					
Load (%MCR)					
Fuel 1 Natural Gas (%)	100	100	100		100
Fuel 2 name (%)					
Fuel 3 name (%)					
Daily Emission Limit Value					
(mg/m ³)	135	38.5	200		5.5

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