

Permit Reference Number: VP3339PD

Operator: Morganite Electrical Carbon Ltd

Installation: Electrical Carbon Swansea

Form Number: A1

Reporting of Emissions to Air for the period from January '22 to December '22; April '22 to June '22

Emissions to Air							
Emission Point	Substance / Parameter	Emission Limit Value (mg/m ³)	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/Certification ^[4]	Uncertainty (mg/m ³) ^[5]
A10	Lead	2	0.032	BS EN 14385:2004	09:45 – 10:47; 30/03/2022	UKAS/MCERTS	0.005
A10	Copper	2	0.40	BS EN 14385:2004	09:45 – 10:47; 30/03/2022	UKAS/MCERTS	0.06
A10	Antimony	2	0.00051	BS EN 14385:2004	09:45 – 10:47; 30/03/2022	UKAS/MCERTS	0.00007
A10	Lead	2	0.044	BS EN 14385:2004	11:00 – 12:03; 29/06/2022	UKAS/MCERTS	0.0049
A10	Copper	2	1.031	BS EN 14385:2004	11:00 – 12:03; 29/06/2022	UKAS/MCERTS	0.1149
A10	Antimony	2	<0.001	BS EN 14385:2004	11:00 – 12:03; 29/06/2022	UKAS/MCERTS	0.0001
A10	Lead	2		BS EN 14385:2004		UKAS/MCERTS	
A10	Copper	2		BS EN 14385:2004		UKAS/MCERTS	
A10	Antimony	2		BS EN 14385:2004		UKAS/MCERTS	
A10	Lead	2		BS EN 14385:2004		UKAS/MCERTS	
A10	Copper	2		BS EN 14385:2004		UKAS/MCERTS	
A10	Antimony	2		BS EN 14385:2004		UKAS/MCERTS	
A27	Sulphur dioxide	2900		BS ISO 7935:1992		UKAS/MCERTS	
A28	Sulphur dioxide	2900		BS ISO 7935:1992		UKAS/MCERTS	
A61	Sulphur dioxide	2900	#	BS ISO 7935:1992	#	UKAS/MCERTS	#
A27	Oxides of nitrogen (as NO ₂)	150		BS ISO 14792:2005		UKAS/MCERTS	
A28	Oxides of nitrogen (as NO ₂)	150		BS ISO 14792:2005		UKAS/MCERTS	
A61	Oxides of nitrogen (as NO ₂)	150	#	BS ISO 14792:2005	#	UKAS/MCERTS	#
A15	Benzo(A)pyrene	0.01		BS ISO 11338		UKAS/MCERTS	
A27	Benzo(A)pyrene	0.01		BS ISO 11338		UKAS/MCERTS	
A28	Benzo(A)pyrene	0.01		BS ISO 11338		UKAS/MCERTS	
A61	Benzo(A)pyrene	0.01	#	BS ISO 11338	#	UKAS/MCERTS	#
A10	Total particulate	10	2.75	BS ISO 13284:2002	09:50 – 10:53; 29/06/2022	UKAS/MCERTS	0.43
A15	Total particulate	10		BS ISO 13284:2002		UKAS/MCERTS	

A19	Total particulate	10		BS ISO 13284:2002		UKAS/MCERTS	
A27	Total particulate	10		BS ISO 13284:2002		UKAS/MCERTS	
A28	Total particulate	10		BS ISO 13284:2002		UKAS/MCERTS	
A61	Total particulate	10	#	BS ISO 13284:2002	#	UKAS/MCERTS	#
A61	Total particulate	10	#	BS ISO 13284:2002	#	UKAS/MCERTS	#

- Deferred emissions monitoring for 2022 period (CAR_NRW0039792).

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated. The following uncertainties are quoted on a different basis (basis as stated) – *{The basis of any other uncertainty figure needs to be stated. Where no figure is available the Agency will need to agree an appropriate uncertainty value.}*

Signed*Mark Williamson*.....

Date...15/07/2022.....

(Authorised to sign as representative of the Operator)