

Operator: **AB Connectors Ltd**
 Installation: **Abercynon Inorganics**

Permit Reference Number: **BV7443IP**

Reporting of Emissions to Sewer for the period from **JULY 2022** to **SEPTEMBER 2022**

Form Number: **S1**

Emission Point	Substance or Parameter	Emission Limit Value	Result ¹	Test Method ²	Sample Date and Times ³	Accreditation/Certification ⁴	Uncertainty ⁵
T13	Cadmium	10 µg/l	Not used				
T1	Maximum pH	3.0	1.91	continuous monitoring	31/08/2022		
T1	Redox Potential	300 mV	185	continuous monitoring	16/09/2022		
T2	Minimum pH	10.5	10.78	continuous monitoring	11/07/2022		
T2	Redox Potential	300 mV	431	continuous monitoring	30/08/2022		
T5	Minimum pH	9	9.37	continuous monitoring	18/07/2022		
T5	Maximum pH	11	10.04	continuous monitoring	27/07/2022		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.009	Nitric acid/ICP	29/09/2022		
S1	Cadmium	150 g/year	3.02g				
S1	Chromium (VI)	0.1 mg/l	0.091	Colourimetry	09/09/2022		
S1	Chromium	2 mg/l	0.2	Nitric acid/ICP	29/09/2022		
S1	Copper	2 mg/l	1.56	AAS	19/08/2022		
S1	Nickel	2 mg/l	0.50	AAS	15/08/2022		
S1	Zinc	2 mg/l	0.30	AAS	05/07/2022		
S1	Free cyanide	1.0 mg/l	0.267	Colourimetry	29/09/2022		

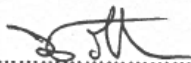
¹ The result given is the maximum value (or minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value.

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. colorimetry.

³ For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring 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.

Signed 
 (Authorised to sign as representative of the Operator)

Date: 17/01/2023

Date of Form: 01/2006

Operator: **AB Connectors Ltd**
Installation: **Abercynon Inorganics**

Permit Reference Number: **BV7443IP**

Reporting of Emissions to Sewer for the period from **October 2022** to **December 2022**

Form Number: **S1**

Emission Point	Substance or Parameter	Emission Limit Value	Result ¹	Test Method ²	Sample Date and Times ³	Accreditation/Certification ⁴	Uncertainty ⁵
T13	Cadmium	10 µg/l	Not used				
T1	Maximum pH	3.0	1.84	continuous monitoring	13/10/2022		
T1	Redox Potential	300 mV	185	continuous monitoring	13/10/2022		
T2	Minimum pH	10.5	10.72	continuous monitoring	10/11/2022		
T2	Redox Potential	300 mV	388	continuous monitoring	14/11/2022		
T5	Minimum pH	9	9.41	continuous monitoring	25/10/2022		
T5	Maximum pH	11	10.01	continuous monitoring	14/11/2022		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.006	Nitric acid/ICP	02/11/2022		
S1	Cadmium	150 g/year	2.61g				
S1	Chromium (VI)	0.1 mg/l	0.091	Colourimetry	01/12/2022		
S1	Chromium	2 mg/l	0.2	Nitric acid/ICP	09/12/2022		
S1	Copper	2 mg/l	1.35	AAS	17/11/2022		
S1	Nickel	2 mg/l	0.55	AAS	29/11/2022		
S1	Zinc	2 mg/l	0.28	AAS	25/11/2022		
S1	Free cyanide	1.0 mg/l	0.413	Colourimetry	29/09/2022		

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³ For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring is given.

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