

Operator: **AB Connectors Ltd**

Permit Reference Number: **BV7443IP**

Installation: **Abercynon Inorganics**

Reporting of Emissions to Sewer for the period from January 2025 to March 2025

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	1.90	continuous monitoring	21/01/2025		
T1	Redox Potential	300 mV	181	continuous monitoring	22/01/2025		
T2	Minimum pH	10.5	10.66	continuous monitoring	26/03/2025		
T2	Redox Potential	300 mV	422	continuous monitoring	17/03/2025		
T5	Minimum pH	9	9.45	continuous monitoring	21/02/2025		
T5	Maximum pH	11	10.40	continuous monitoring	11/02/2025		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.008	Nitric acid/ICP	09/01/2025		
S1	Cadmium	150 g/year	4.20 g				
S1	Chromium (VI)	0.1 mg/l	0.098	Colourimetry	21/02/2025		
S1	Chromium	2 mg/l	0.3	Nitric acid/ICP	05/03/2025		
S1	Copper	2 mg/l	1.24	AAS	28/01/2025		
S1	Nickel	2 mg/l	0.6	Nitric Acid/ICP	05/03/2025		
S1	Zinc	2 mg/l	0.20	AAS	23/01/2025		
S1	Free cyanide	1.0 mg/l	0.491	Colourimetry	09/01/2025		

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 14/07/2025

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 April 2025 to June 2025

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	1.98	continuous monitoring	16/06/2025		
T1	Redox Potential	300 mV	168	continuous monitoring	03/04/2025		
T2	Minimum pH	10.5	10.62	continuous monitoring	27/05/2025		
T2	Redox Potential	300 mV	389	continuous monitoring	07/05/2025		
T5	Minimum pH	9	9.38	continuous monitoring	18/06/2025		
T5	Maximum pH	11	10.40	continuous monitoring	04/04/2025		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.005	Nitric acid/ICP	08/05/2025		
S1	Cadmium	150 g/year	3.376 g				
S1	Chromium (VI)	0.1 mg/l	0.095	Colourimetry	13/06/2025		
S1	Chromium	2 mg/l	0.3	Nitric acid/ICP	08/04/2025		
S1	Copper	2 mg/l	1.53	AAS	27/05/2025		
S1	Nickel	2 mg/l	0.4	Nitric Acid/ICP	08/04/2025		
S1	Zinc	2 mg/l	0.19	AAS	29/04/2025		
S1	Free cyanide	1.0 mg/l	0.683	Colourimetry	08/05/2025		

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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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