

Operator: **AB Connectors Ltd**Permit Reference Number: **BV7443IP**Installation: **Abercynon Inorganics**Reporting of Emissions to Sewer for the period from **October 2019** to **December 2019**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	10	AAS	22.11.2019		
T1	Maximum pH	3.0	1.90	CONTINUOUS MONITORING	8.10.2019		
T1	Redox Potential	300 mV	255	CONTINUOUS MONITORING	21.10.2019		
T2	Minimum pH	10.5	11.69	CONTINUOUS MONITORING	7.10.2019		
T2	Redox Potential	300 mV	336	CONTINUOUS MONITORING	31.10.2019		
T5	Minimum pH	9	9.45	CONTINUOUS MONITORING	1.10.2019		
T5	Maximum pH	11	10.13	CONTINUOUS MONITORING	18.11.2019		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.005	AAS	13.11.2019		
S1	Cadmium	150 g/year	3.4				
S1	Chromium (VI)	0.1 mg/l	0.079	COLORIMETRY	3.12.2019		
S1	Chromium	2 mg/l	0.30	NITRIC ACID DIGESTION	5.12.2019		
S1	Copper	2 mg/l	0.65	AAS	15.10.2019		
S1	Nickel	2 mg/l	0.70	NITRIC ACID DIGESTION	5.12.2019		
S1	Zinc	2 mg/l	0.17	AAS	1.10.2019		
S1	Free cyanide	1.0 mg/l	0.45	COLORIMETRY	6.11.2019		

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: **14/11/2020**

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

Permit Reference Number: **BV7443IP**

Reporting of Emissions to Sewer for the period from **July 2019** to **September 2019**

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	10	AAS	6.9.2019		
T1	Maximum pH	3.0	1.99	CONTINUOUS MONITORING	23.9.2019		
T1	Redox Potential	300 mV	268	CONTINUOUS MONITORING	3.9.2019		
T2	Minimum pH	10.5	11.52	CONTINUOUS MONITORING	12.8.2019		
T2	Redox Potential	300 mV	340	CONTINUOUS MONITORING	23.7.2019		
T5	Minimum pH	9	9.45	CONTINUOUS MONITORING	20.8.2019		
T5	Maximum pH	11	10.24	CONTINUOUS MONITORING	23.9.2019		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.005	AAS	4.7.2019		
S1	Cadmium	150 g/year	3.14				
S1	Chromium (VI)	0.1 mg/l	0.085	COLORIMETRY	16.8.2019		
S1	Chromium	2 mg/l	0.2	NITRIC ACID DIGESTION ICP	16.7.2019		
S1	Copper	2 mg/l	0.79	AAS	5.8.2019		
S1	Nickel	2 mg/l	0.42	AAS	5.8.2019		
S1	Zinc	2 mg/l	0.17	AAS	27.9.2019		
S1	Free cyanide	1.0 mg/l	0.33	COLORIMETRY	16.7.2019		

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- 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: **14/1/2020**