

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

Permit Reference Number: **BV7443IP**

Reporting of Emissions to Sewer for the period from **July 2018** to **September 2018**

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	14/9/18		
T1	Maximum pH	3.0	1.90	CONTINUOUS MONITORING	6/8/18		
T1	Redox Potential	300 mV	284	CONTINUOUS MONITORING	19/7/18		
T2	Minimum pH	10.5	10.80	CONTINUOUS MONITORING	6/9/18		
T2	Redox Potential	300 mV	364	CONTINUOUS MONITORING	1/8/18		
T5	Minimum pH	9	9.44	CONTINUOUS MONITORING	29/8/18		
T5	Maximum pH	11	10.61	CONTINUOUS MONITORING	6/8/18		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.01	AAS	12/7/18		
S1	Cadmium	150 g/year	7.22 g				
S1	Chromium (VI)	0.1 mg/l	0.08	COLORIMETRY	19/7/18		
S1	Chromium	2 mg/l	0.20	NITRIC DIGEST	6/9/18		
S1	Copper	2 mg/l	0.65	AAS	21/8/18		
S1	Nickel	2 mg/l	0.56	AAS	8/8/18		
S1	Zinc	2 mg/l	0.18	AAS	20/8/18		
S1	Free cyanide	1.0 mg/l	0.2	COLORIMETRY	1/8/18		

- 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.
- 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.
- 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.
- The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.
- 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: **29/1/19**

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

Permit Reference Number: **BV7443IP**

Reporting of Emissions to Sewer for the period from **October 2018** to **December 2018**

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	14/12/18		
T1	Maximum pH	3.0	1.88	CONTINUOUS MONITORING	17/10/18		
T1	Redox Potential	300 mV	271	CONTINUOUS MONITORING	10/10/18		
T2	Minimum pH	10.5	11.63	CONTINUOUS MONITORING	12/11/18		
T2	Redox Potential	300 mV	384	CONTINUOUS MONITORING	11/12/18		
T5	Minimum pH	9	9.44	CONTINUOUS MONITORING	9/10/18		
T5	Maximum pH	11	10.35	CONTINUOUS MONITORING	2/11/18		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.01	AAS	14/11/18		
S1	Cadmium	150 g/year	6.714				
S1	Chromium (VI)	0.1 mg/l	0.085	COLOIMETRY	6/12/18		
S1	Chromium	2 mg/l	0.30	NITRIC ACID DILUTE ICP	6/12/18		
S1	Copper	2 mg/l	0.63	AAS	29/10/18		
S1	Nickel	2 mg/l	0.52	AAS	26/10/18		
S1	Zinc	2 mg/l	0.14	AAS	14/12/18		
S1	Free cyanide	1.0 mg/l	0.93	COLORIMETRY	8/11/18		

- 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: **30/1/19**