

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

Permit Reference Number: **BV7443IP**

Reporting of Emissions to Sewer for the period from JANUARY 2018 **to** MARCH 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	9/2/18		
T1	Maximum pH	3.0	1.93	CONTINUOUS MONITORING	19/3/18		
T1	Redox Potential	300 mV	294	CONTINUOUS MONITORING	14/2/18		
T2	Minimum pH	10.5	11.02	CONTINUOUS MONITORING	20/2/18		
T2	Redox Potential	300 mV	341	CONTINUOUS MONITORING	26/1/18		
T5	Minimum pH	9	9.244	CONTINUOUS MONITORING	8/2/18		
T5	Maximum pH	11	10.21	CONTINUOUS MONITORING	16/1/18		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.01	AAS	14/2/18		
S1	Cadmium	150 g/year	8.18g				
S1	Chromium (VI)	0.1 mg/l	0.091	COLORIMETRY	20/2/18		
S1	Chromium	2 mg/l	0.70	NITRIC ACID DIGEST ICP	20/2/18		
S1	Copper	2 mg/l	1.30	NITRIC ACID DIGEST ICP	20/2/18		
S1	Nickel	2 mg/l	1.50	NITRIC ACID DIGEST ICP	20/2/18		
S1	Zinc	2 mg/l	0.70	NITRIC ACID DIGEST ICP	20/2/18		
S1	Free cyanide	1.0 mg/l	0.152	COLORIMETRY	20/2/18		

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  Date 30/7/18
(Authorised to sign as representative of the Operator)

Operator: **AB Connectors Ltd**

Permit Reference Number: **BV7443IP**

Installation: **Abercynon Inorganics**

Reporting of Emissions to Sewer for the period from APRIL 2018 to JUNE 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	15/6/18		
T1	Maximum pH	3.0	1.94	CONTINUOUS MONITORING	24/4/18		
T1	Redox Potential	300 mV	289	CONTINUOUS MONITORING	6/4/18		
T2	Minimum pH	10.5	11.84	CONTINUOUS MONITORING	31/5/18		
T2	Redox Potential	300 mV	346	CONTINUOUS MONITORING	3/5/18		
T5	Minimum pH	9	9.44	CONTINUOUS MONITORING	3/5/18		
T5	Maximum pH	11	10.26	CONTINUOUS MONITORING	30/5/18		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.01	AAS	19/6/18		
S1	Cadmium	150 g/year	6.92g				
S1	Chromium (VI)	0.1 mg/l	0.087	COLORIMETRY	6/6/18		
S1	Chromium	2 mg/l	0.40	NITRIC ACID DIGEST ICP	6/6/18		
S1	Copper	2 mg/l	1.00	NITRIC ACID DIGEST ICP	19/4/18		
S1	Nickel	2 mg/l	0.66	AAS	9/4/18		
S1	Zinc	2 mg/l	0.20	AAS	25/4/18		
S1	Free cyanide	1.0 mg/l	0.22	COLORIMETRY	19/4/18		

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Signed  Date 30/7/18
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Date of Form: 01/2006