

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

Permit Reference Number: **BV7443IP**

Reporting of Emissions to Sewer for the period from JANUARY 2016 to MARCH 2016

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	15/11/2016		
T1	Maximum pH	3.0	1.99	CONTINUOUS MONITORING	25/3/2016		
T1	Redox Potential	300 mV	233	CONTINUOUS MONITORING	17/3/2016		
T2	Minimum pH	10.5	11.68	CONTINUOUS MONITORING	15/2/2016		
T2	Redox Potential	300 mV	317	CONTINUOUS MONITORING	3/2/2016		
T5	Minimum pH	9	9.38	CONTINUOUS MONITORING	13/11/2016		
T5	Maximum pH	11	10.31	CONTINUOUS MONITORING	8/3/2016		
S1	Flow						
S1	Cadmium	0.05 mg/l	0.01	AAS	13/11/2016		
S1	Cadmium	150 g/year	8.35g				
S1	Chromium (VI)	0.1 mg/l	0.090	COLORIMETRY NITRIC DIGEST-ICP	10/2/2016		
S1	Chromium	2 mg/l	0.40		10/3/2016		
S1	Copper	2 mg/l	0.65	AAS	18/1/2016		
S1	Nickel	2 mg/l	0.60	AAS	10/2/2016		
S1	Zinc	2 mg/l	0.29	AAS	3/2/2016		
S1	Free cyanide	1.0 mg/l	0.90	COLORIMETRY	10/3/2016		

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: 2/8/16

Operator: **AB Connectors Ltd**

Installation: **Abercynon Inorganics**

Permit Reference Number: **BV7443IP**

Reporting of Emissions to Sewer for the period from

April 2016

to June 2016

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	17/6/2016		
T1	Maximum pH	3.0	1.99	CONTINUOUS MONITORING	18/4/2016		
T1	Redox Potential	300 mV	226	CONTINUOUS MONITORING	13/4/2016		
T2	Minimum pH	10.5	10.64	CONTINUOUS MONITORING	6/6/2016		
T2	Redox Potential	300 mV	331	CONTINUOUS MONITORING	27/4/2016		
T5	Minimum pH	9	9.41	CONTINUOUS MONITORING	11/5/2016		
T5	Maximum pH	11	10.62	CONTINUOUS MONITORING	23/6/2016		
S1	Flow						
S1	Cadmium	0.05 mg/l	0.01	AAS	6/5/2016		
S1	Cadmium	150 g/year	8.05g				
S1	Chromium (VI)	0.1 mg/l	0.086	COLORIMETRY	15/5/2016		
S1	Chromium	2 mg/l	0.3	NITRIC DIGEST ICP	14/6/2016		
S1	Copper	2 mg/l	0.9	NITRIC DIGEST ICP	14/6/2016		
S1	Nickel	2 mg/l	0.51	AAS	14/6/2016		
S1	Zinc	2 mg/l	0.26	AAS	20/4/2016		
S1	Free cyanide	1.0 mg/l	0.06	COLORIMETRY	14/6/2016		

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Date 2/8/16