


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

Permit Reference Number: **BV7443IP**

Reporting of Emissions to Sewer for the period from **APRIL 2017** to **JUNE 2017** 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	17/5/17		
T1	Maximum pH	3.0	1.97	CONTINUOUS MONITORING	4/5/17		
T1	Redox Potential	300 mV	290	CONTINUOUS MONITORING	12/4/17		
T2	Minimum pH	10.5	11.73	CONTINUOUS MONITORING	5/4/17		
T2	Redox Potential	300 mV	333	CONTINUOUS MONITORING	24/5/17		
T5	Minimum pH	9	9.39	CONTINUOUS MONITORING	29/5/17		
T5	Maximum pH	11	10.25	CONTINUOUS MONITORING	16/5/17		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.01	AAS	24/4/17		
S1	Cadmium	150 g/year	9.39				
S1	Chromium (VI)	0.1 mg/l	0.075	COLOURIMETRY	4/5/17		
S1	Chromium	2 mg/l	0.40	NITRIC DIGEST ICP	26/5/17		
S1	Copper	2 mg/l	0.54	AAS	18/5/17		
S1	Nickel	2 mg/l	0.70	NITRIC DIGEST ICP	26/5/17		
S1	Zinc	2 mg/l	0.30	AAS	10/5/17		
S1	Free cyanide	1.0 mg/l	0.26	COLOURIMETRY	26/5/17		

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: **19/7/17**

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

Permit Reference Number: **BV7443JP**

Reporting of Emissions to Sewer for the period from 5 JANUARY 2017 **to** MARCH 2017 **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	10/3/17		
T1	Maximum pH	3.0	1.98	CONTINUOUS MONITORING	20/1/17		
T1	Redox Potential	300 mV	285	CONTINUOUS MONITORING	21/3/17		
T2	Minimum pH	10.5	11.55	CONTINUOUS MONITORING	22/3/17		
T2	Redox Potential	300 mV	315	CONTINUOUS MONITORING	10/2/17		
T5	Minimum pH	9	9.42	CONTINUOUS MONITORING	16/1/17		
T5	Maximum pH	11	10.21	CONTINUOUS MONITORING	16/3/17		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.01	AAS	23/3/17		
S1	Cadmium	150 g/year	8.22				
S1	Chromium (VI)	0.1 mg/l	0.085	COLORIMETRY	15/2/17		
S1	Chromium	2 mg/l	0.50	NITRIC DIGEST ICP	10/1/17		
S1	Copper	2 mg/l	1.0	NITRIC DIGEST ICP	28/3/17		
S1	Nickel	2 mg/l	1.1	NITRIC DIGEST ICP	28/3/17		
S1	Zinc	2 mg/l	0.30	NITRIC DIGEST ICP	28/3/17		
S1	Free cyanide	1.0 mg/l	0.52	COLOURIMETRY	1/2/17		

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⁴ The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.
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Signed  Date 19/7/17
 (Authorised to sign as representative of the Operator)