Operator: **AB Connectors Ltd**

Installation: **Abercynon Inorganics**

Permit Reference Number: **BV7443IP**

Reporting of Emissions to Sewer for the period from APRIL 2015 **to** JUNE 2015

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	23.6.15		
T1	Maximum pH	3.0	1.94	CONTINUOUS MONITORING	26.5.15		
T1	Redox Potential	300 mV	134	CONTINUOUS MONITORING	15.4.15		
T2	Minimum pH	10.5	12.07	CONTINUOUS MONITORING	13.4.15		
T2	Redox Potential	300 mV	356	CONTINUOUS MONITORING	3.6.15		
T5	Minimum pH	9	9.37	CONTINUOUS MONITORING	27.4.15		
T5	Maximum pH	11	10.30	CONTINUOUS MONITORING	17.4.15		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.01	AAS	24.4.15		
S1	Cadmium	150 g/year	5.01g				
S1	Chromium (VI)	0.1 mg/l	0.084	COLOURIMETRY	20.4.15		
S1	Chromium	2 mg/l	0.4	NITRIC ACID DIGEST ICP	13.4.15		
S1	Copper	2 mg/l	1.04	AAS	15.4.15		
S1	Nickel	2 mg/l	1.13	AAS	15.4.15		
S1	Zinc	2 mg/l	0.25	AAS	17.4.15		
S1	Free cyanide	1.0 mg/l	0.50	COLOURIMETRY	13.4.15		

[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 30/7/15

Date of Form:01/2006

Operator: **AB Connectors Ltd**

Installation: **Abercynon Inorganics**

Permit Reference Number: **BV7443IP**

Reporting of Emissions to Sewer for the period from JAN 2015 **to** MARCH 2015

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	18.3.15		
T1	Maximum pH	3.0	1.91	CONTINUOUS MONITORING	21.2.15		
T1	Redox Potential	300 mV	179	CONTINUOUS MONITORING	5.1.15		
T2	Minimum pH	10.5	11.17	CONTINUOUS MONITORING	2.2.15		
T2	Redox Potential	300 mV	340	CONTINUOUS MONITORING	16.2.15		
T5	Minimum pH	9	9.43	CONTINUOUS MONITORING	18.2.15		
T5	Maximum pH	11	10.36	CONTINUOUS MONITORING	23.2.15		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.01	AAS	11.2.15		
S1	Cadmium	150 g/year	5.43g				
S1	Chromium (VI)	0.1 mg/l	0.096mg/l	COLOURIMETRY	11.3.15		
S1	Chromium	2 mg/l	0.2	NITRIC ACID DIGEST ICP	9.3.15		
S1	Copper	2 mg/l	1.06	AAS	16.3.15		
S1	Nickel	2 mg/l	1.33	AAS	9.3.15		
S1	Zinc	2 mg/l	0.52	AAS	5.1.15		
S1	Free cyanide	1.0 mg/l	0.61	COLOURIMETRY	9.3.15.		

[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.

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Signed .....

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Date 30/7/15

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