

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

Permit Reference Number: **BV74431P**

Form Number: **R1**

Reporting of Waste Disposal and Recovery for the year 2018.

Waste Description	Disposal		Recovery	
	Route	Tonnes	Tonnes	
1) Hazardous Wastes				
Effluent treatment sludge		51.5		
Solvents		0		
Other hazardous wastes		18.19	6.95	
Total hazardous waste		69.69	6.95	
2) Non-Hazardous Wastes				
Metal waste			72.52	
Other non-hazardous waste		22.82	28.38	
Total non-hazardous waste		22.82	100.9	

Trends in Waste Disposal and Recovery			
Year	Parameter		
	Hazardous Waste for Disposal (tonnes)	Hazardous Waste for Recovery (tonnes)	Non-Hazardous Waste (tonnes)
2005			
2006			
2007			
2008			
2009			
2010			

Operator's comments :

Signed  
 (Authorised to sign as representative of the Operator)

Date: 28/1/19.

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

Permit Reference Number: **BV74431P**

Form Number: **WU1**

Reporting of Water Usage for the year **2018**

Water Source	Usage (m ³)	Specific Usage (m ³ /kg)
Mains water (potable)	4981	24.9 m³/kg.
Effluent discharge	2903	14.5 m³/kg.
TOTAL WATER USAGE		

Trends in Water Usage		
Year	Parameter	
	Water usage (m ³)	Effluent discharge (m ³)
2005		
2006		
2007		
2008		
2009		
2010		

Operator's comments :

200kg Cadmium used 2018

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Date: **28/1/19**

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

Permit Reference Number: **BV7443IP**

Reporting of Emissions to Air for the year **2018**

Form Number: **A1**

Emission Point	Substance or Parameter	Emission Limit Value	Result ¹	Test Method ²	Sample Date and Times ³	Accreditation/ Certification ⁴	Uncertainty ⁵
A1	Particulate matter	2 mg/m ³	0.47	EN13284-1	24/10/18	MCERTS	
A2	Particulate matter	10 mg/m ³	1.39	EN13284-1	24/10/18	MCERTS	
A3	Particulate matter	2 mg/m ³	0.64	EN13284-1	24/10/18	MCERTS	
A4	Scrubber liquor pH minimum	10.5	11.81				
A4	Oxides of nitrogen (as NO ₂)	1.5 mg/m ³	3.54	EN14792	25/10/18	MCERTS	
A4	Particulate matter	2 mg/m ³	0.71	EN13284-1	25/10/18	MCERTS	
Installation	Solvent consumption	3000 kg/year	0				

Operator's comments :

- ¹ The result given is the maximum value (or the 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 the emission limit value is expressed as a range, the result is given as the 'minimum - maximum' measured values.
- 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. gas chromatography.
- ³ For non-continuous measurements the date and time of the sample that produced the result 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.

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Date: **28/1/19**

Operator: AB Connectors Ltd

Installation: Abercynon Inorganics

Reporting of Energy Usage for the year 2018

Permit Reference Number: BV7443IP

Form Number: E1

Energy Source	Energy Usage		CO ₂ Produced (tonnes)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh 2560.170	6144.408	2642.1
Natural Gas	MWh 1093.852	1093.852	470.4
TOTAL	3654.022	7238.26	3112.5

* Conversion factor for delivered electricity to primary energy = 2.4

Trends in Energy Usage			
Year	Parameter	CO ₂ Produced (tonnes)	CO ₂ per unit output (tonnes/tonne)
	Primary Energy usage (MWh)		
2011			
2012			
2013			
2014			
2015			
2016			
2017			
2018			

Operator's comments :

Based on 0.43 tonnes CO₂ / MWh Primary Energy

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Date: 28/1/19