

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

Permit Reference Number: **BV7443IP**

Form Number: **R1**

Reporting of Waste Disposal and Recovery for the year **2019**

Waste Description	Disposal		Recovery	
	Route	Tonnes	Tonnes	Tonnes
1) Hazardous Wastes				
Effluent treatment sludge		49.15		
Solvents		0	0	
Other hazardous wastes		7.86*	2.66	
Total hazardous waste		57.01	2.66	
2) Non-Hazardous Wastes				
Metal waste			70.06	
Other non-hazardous waste		11.08*	25.68	
Total non-hazardous waste		11.08	95.74	

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

Operator's comments :

11.08 TONNES GENERAL WASTE TO ENERGY RECOVERY SITE FOR INCINERATION
 7.86 TONNES OIL AND SOLVENT CONTAMINATED WIPES/PAPER TO ENERGY RECOVERY SITE FOR INCINERATION.

Signed 
 (Authorised to sign as representative of the Operator)

Date: **31/1/2020**

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

Permit Reference Number: **BV7443IP**

Form Number: **PI1**

Reporting of Performance Indicators for the year **2019**

Quantity of cadmium processed		Annual Production/Treatment		kg Cd	
				250	
Environmental Performance Indicators [EPI's]					
Parameter	Current Year	Units	Trends in Environmental Performance		
			Year	Parameter	
			Primary energy	Water Use	Effluent discharge
			MWh/kg	m ³ /kg	m ³ /kg
			2005		
			2006		
			2007		
			2008		
			2009		
			2010		
Primary Energy Usage	6963.2	MWh			
Water Use	4609	m ³			
Effluent discharge	2622	m ³			
Hazardous waste	59.67	kg			
Non-Hazardous waste	106.82	kg			
Operator's comments :					

Signed 

Date **31/1/2020**

(Authorised to sign as representative of the Operator)

Operator: AB Connectors Ltd

Permit Reference Number: BV7443IP

Installation: Abercynon Inorganics

Form Number: E1

Reporting of Energy Usage for the year 2019

Energy Source	Energy Usage		CO ₂ Produced (tonnes)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh 2497.370	5993.688	2577.3
Natural Gas	MWh 969.516	969.516	416.9
TOTAL	3466.886	6962.516	2994.2

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

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments :

BASSED ON 0.43 TONNES CO₂ / MWH PRIMARY ENERGY



Signed
(Authorised to sign as representative of the Operator)

Date 14/1/2020


Operator: **AB Connectors Ltd**
 Installation: **Abercynon Inorganics**
 Permit Reference Number: **BV7443IP**

Reporting of Emissions to Air for the year 2019 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	0.85	EN13284-1	17/9/19	MCERTS	
A2	Particulate matter	10 mg/m ³	1.68	EN13284-1	17/9/19	MCERTS	
A3	Particulate matter	2 mg/m ³	0.74	EN13284-1	17/9/19	MCERTS	
A4	Scrubber liquor pH minimum	10.5	11.5				
A4	Oxides of nitrogen (as NO ₂)	1.5 mg/m ³	4.9	EN14792	17/9/19	MCERTS	
A4	Particulate matter	2 mg/m ³	1.10	EN13284-1	17/9/19	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.

Signed  Date 14/12/2020
 (Authorised to sign as representative of the Operator)

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

Permit Reference Number: **BV7443IP**

Form Number: **WU1**

Reporting of Water Usage for the year **2019**

Water Source	Usage (m ³)	Specific Usage (m ³ /kg)
Mains water (potable)	4609	18.44m ³ /kg
Effluent discharge	2622	19.48m ³ /kg
TOTAL WATER USAGE		

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

Operator's comments : **250kg USED 2019.**

Signed 

Date **14/1/2020**

(Authorised to sign as representative of the Operator)