

Operator: AB Connectors Ltd

Permit Reference Number:BV7443IP

Installation: Abercynon Inorganics

Form Number:E1

Reporting of Energy Usage for the year 2022

Energy Source	Energy Usage		CO2 Produced (Tonnes)
	Quantity	Primary Energy (MWh)	
Electricity*	MWh	5435,256	2337.16
Natural Gas	MWh	799.064	343,6
Total		6234.32	2680.8

Trends in Energy Usage			
Year	Parameters		
	Primary Energy usage (MWh)	CO2 Produced (Tonnes)	CO2 Produced per unit output (Tonnes/Tonnes)
2016	6639.307	2854.9	
2017	7528.11	3237.1	
2018	7238.26	3112.5	
2019	6962.516	2994.2	
2020	7169.201	3082.73	
2021	6758.145	2905.97	
2022	6234.32	2680.8	
2023			
2024			

*conversion factor for delivered electricity to primary energy =2.4

Operator's comments :

Signed.....
(Authorised to sign as representative of the operator)

Date..... 31.01.2023

Operator: AB Connectors Ltd

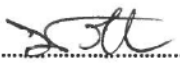
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Reporting of performance indicators for the year.....2022.....

Annual Production/Treatment								
Quantity of cadmium processed				100 Kg Cd				
Environmental Performance Indicators (EPI's)								
Parameter	Current Year	Units	Trends in Environmental performance					
			Year	Parameter				
				Primary Energy	Water Use	Effluent discharge	Hazardous Waste	Non-hazardous Waste
				MWh/kg	m3/kg	m3/kg	kg/kg	kg/kg
Primary Energy Usage	6234.32	MWh	2017	49.20	54.51	20.37	874.83	99.215
Water Use	3134	m3	2018	36.19	24.905	14.515	348.45	114.1
Effluent Discharge	1663	m3	2019	27.85	18.436	10.488	238.68	427.28
Hazardous Waste	64,980	kg	2020	28.67	18.304	11.012	268.8	436.64
Non-Hazardous Waste	127,600	kg	2021	45.0543	27.25	15.63	876.6	640.1
			2022	64.3422	31.34	16.63	649.8	1,276
			2023					
			2024					
Operator's Comments: Figures for Primary Energy Usage, Water Usage, Hazardous Waste and Non-Hazardous Waste are generated from all onsite activities (Machine Shop, Plating, Assembly, and general office administration) Activities in the Plating department mostly involve Zinc plating not Cadmium (2022 Usage: Cadmium 100Kg; Zinc 1400 Kg)								

Signed..........
(Authorised to sign as representative of the operator)

Date.....31.01.2023.....