

30th January 2023

Mrs E A Parr
PPC Compliance Assistant
Natural Resources Wales
Rivers House
St Mellons Business Park
St Mellons
CARDIFF
CF3 0EY

Our Ref: W:\Environmental\PPC\Environment Agency Reporting\Permit Reporting\Rod and Bar Mill\1. Returns\NRW\3. Annual\2022\BV0759IC Annual return 2022.docx

Dear Mrs Parr,

RE: Rod and Bar Mill EPR Permit BV0759IC Annual Returns 2022

In accordance with CELSA Manufacturing UK Ltd Environmental Permitting Regulations (EPR) Rod and Bar Mill Permit BV0759IC, please find forms A2, EW1, R1 and PI1 duly completed for the annual reporting period 2022.

Should you require any further information regarding these returns please do not hesitate to contact me.

Yours sincerely,

A. Jones

Abbie Jones
Environmental Graduate

Form Number: A2


Permit Reference Number: **EPR/BV0759IC**

Operator: CELSA Manufacturing (UK) Ltd

Installation: Cardiff Rod and Bar Mill

Release for year ending:	2022
--------------------------	------

Reporting Form A2		
Parameter	Limit value (kg)	Annual release (kg)
Oxides of nitrogen annual mass emissions (as NO ₂)	No applicable limit	41,365
Oxides of sulphur annual mass emissions (as SO _x)	No applicable limit	Not required – monitoring removed from permit
Carbon Monoxide annual mass emissions	No applicable limit	Not required – monitoring removed from permit
Particulate annual mass emissions	No applicable limit	Not required – monitoring removed from permit

Signed on behalf of the Operator	
----------------------------------	---

Date	30 th January 2023
------	-------------------------------

Form Number: EW1

Permit Reference Number: **EPR/BV0759IC**

Operator: CELSA Manufacturing (UK) Ltd

Installation: Cardiff Rod and Bar Mill

Energy and Water Consumption

Release for Calendar Year ending: ...2022

Reporting Form EW1	
Parameter	Quantity
Delivered Electricity MWh	62,390
Primary electricity (delivered x 2.4) MWh	149,736
Primary carbon dioxide (primary electricity x 0.166) te	24,856
Delivered gas MWh	233,891
Process water used m ³	37,052

Signed on behalf of the Operator*A. Jones*

Date ...30th January 2023

Form Number: R1

Permit Reference Number: **EPR/BV0759IC**

Operator: CELSA Manufacturing (UK) Ltd

Installation: Cardiff Rod and Bar Mill

Reporting of Waste Disposal and Recovery for the year2022.....

Waste Description	Disposal		Disposal	Recovery
	Waste	Route	Tonnes	Tonnes
1) Hazardous Wastes	Waste Oil / Water / Sludge's	Recovery		39.7
Named hazardous waste	Oils / Rags / Filters / Chemicals	Recovery		27.87
	Oil from oil/water separators			
Other hazardous wastes	Hoses	Recovery		3.4
	Paint Tins	Recovery		
	Greases			1.6
	Contaminated scale	Recovery		
	Fluorescent tubes	Recovery		0.17
Total hazardous waste				72.74
2) Non-Hazardous Wastes	Gen Waste	Recycling	8.86	83.58
Named non-haz. Waste	Scrap Metal	Recovery		9652.77
Other non-hazardous wastes	Mill Scale	Recovery		9907.91
	Dry Mixed Recycling	Recycling		6.82
	Organic Waste	Recovery		3.17
	Wood	Recycling		84.62
	WEEE	Recycling		5.64
	Tyres	Recycling		0.1
	Cables	Recycling		0.84
	Plasterboard	Recycling		0.64

Total non-hazardous waste			8.86	19,746.09
TOTAL WASTE				19827.69

Operator's comments:

Signed *A. Jones*

Date...30th January 2023

(Authorised to sign as representative of the Operator)

Form Number: PI1 - Environmental Performance Indicators

Permit Reference Number: **EPR/BV0759IC**

Operator: CELSA Manufacturing (UK) Ltd

Installation: Cardiff Rod and Bar Mill

Reporting of Performance Indicators for the year ...2022.....

Parameter	Annual Average	Units
Delivery of Raw Billet	609,884	Steel delivered [tonnes]
Production of rolled steel product	593,581	Steel produced [tonnes]

Year	Delivery of Raw Billet	Production of rolled steel product	Water supplied per tonne of rolled steel [litres]	Oil usage per tonne of rolled steel [litres]	NOx production per tonne of rolled steel [kg]	SOx production per tonne of rolled steel [kg]	Waste Hazard Score	Waste Disposal Score
2018	706,583	685,973	207.46	0.348	0.09	N/A		
2019	714,746	695,199	188.0	0.456	0.055	N/A		
2020	645,391	627,514	93.17	0.310	0.081	N/A		
2021	710,946	694,692	137.71	0.420	0.050	N/A		
2022	609,884	593,582	62.42	0.443	0.067	N/A		

Operator's comments :

Signed *A. Jones*

Date.....30th January 2023