

31st January 2024

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\2023\BV0759IC Annual return 2023.docx

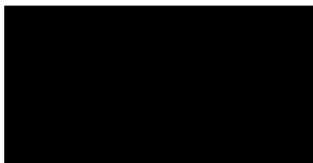
Dear Mrs Parr,

RE: Rod and Bar Mill EPR Permit BV0759IC Annual Returns 2023

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 2023.

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

Yours sincerely,



Environmental Advisor

Form Number: A2

Permit Reference Number: **EPR/BV0759IC**

Operator: CELSA Manufacturing (UK) Ltd

Installation: Cardiff Rod and Bar Mill

Release for year ending:	2023
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Reporting Form A2		
Parameter	Limit value (kg)	Annual release (kg)
Oxides of nitrogen annual mass emissions (as NO ₂)	No applicable limit	49,552.24
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	
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Date	31 st January 2024
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Form Number: EW1

Permit Reference Number: **EPR/BV0759IC**

Operator: CELSA Manufacturing (UK) Ltd

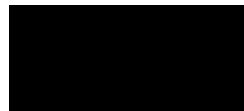
Installation: Cardiff Rod and Bar Mill

Energy and Water Consumption

Release for Calendar Year ending: ...2023

Parameter	Quantity
Delivered Electricity MWh	54,422.83
Primary electricity (delivered x 2.4) MWh	130,614.79
Primary carbon dioxide (primary electricity x 0.166) te	9,034.18
Delivered gas MWh	213,724.60
Process water used m ³	77,337

Signed on behalf of the Operator



Date ...31st January 2024

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 year2023.....

Waste			Disposal	Recovery
Description	Waste	Route	Tonnes	Tonnes
1) Hazardous Wastes	Waste Oil / Water / Sludge's	Recovery		11.40
Named hazardous waste	Oils / Rags / Filters / Chemicals	Recovery		26.71
Other hazardous wastes	Hoses	Recovery		1.15
	Greases	Recovery		2.57
	Contaminated Scale	Recovery		0.40
	Fluorescent Tubes	Recovery		0.73
Total hazardous waste				42.96
2) Non-Hazardous Wastes	General Waste	Recycling		196.06
Named non-haz. Waste	Scrap Metal	Recovery		9187.15
Other non-hazardous wastes	Mill Scale	Recovery		9001.68
	Dry Mixed Recycling	Recycling		9.35
	Food Waste	Recovery		1.57
	Green Waste	Recovery		9.56
	Mixed Wood	Recycling		125.64
	WEEE Waste	Recycling		2.78
	Cables	Recycling		0.86

	Plasterboard	Recycling		10.44
	Hardcore	Recycling		11.66
Total non-hazardous waste				18,533.79
TOTAL WASTE				18,576.75

Operator's comments:

Signed ...  Date...31st January 2024
 (Authorised to sign as representative of the Operator)

Form Number: PI1 - Environmental Performance Indicators

Permit Reference Number: **EPR/BV0759IC**

Operator: CELSA Manufacturing (UK) Ltd

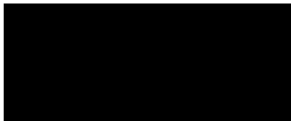
Installation: Cardiff Rod and Bar Mill

Reporting of Performance Indicators for the year ...2023...

Parameter	Annual Average	Units	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
Delivery of Raw Billet	558,025	Steel delivered [tonnes]									
Production of rolled steel product	553,045	Steel produced [tonnes]									
Water Usage	139.84	Water supplied per tonne of rolled steel [litres]	2018	706,583	685,973	207.46	0.348	0.09	N/A		
Usage of oils	0.409	Oil usage per tonne of rolled steel [litres]	2019	714,746	695,199	188.0	0.456	0.055	N/A		
NOx production	0.090	NOx release per tonne of steel rolled [kg]	2020	645,391	627,514	93.17	0.310	0.081	N/A		
SOx production	N/A	SOx release per tonne of steel rolled [kg]	2021	710,946	694,692	137.71	0.420	0.050	N/A		
Waste Hazard Score			2022	609,884	593,581	62.42	0.4426	0.067	N/A		
Waste Disposal Score			2023	558,025	553,045	139.84	0.409	0.090	N/A		

Operator's comments:

Signed ...



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Date.....31st January 2024