

27th January 2023

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

Our Ref: W:\Environmental\IPPC\Environment Agency Reporting\Permit Reporting\Section
Mill\Returns\Annual\2022\BV0767IT Annual Returns 2022.doc

Dear Mrs Parr,

RE: Section Mill EPR Permit BV0767IT Annual Returns 2022

In accordance with CELSA Manufacturing UK Ltd Environmental Permitting Regulations (EPR) Section Mill Permit BV0767IT, please find forms A2, EW1, R1 and PI1 duly completed for the annual reporting period 2022.

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

Yours sincerely



Jessica Richards

Environmental Graduate

Form Number: A2

Permit Reference Number: **BV0767IT**

Operator: CELSA Manufacturing (UK) Ltd

Installation: Cardiff Medium Section Mill

Release for year ending:	2022
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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	16,299
Oxides of sulphur annual mass emissions (as SO _x)	No applicable limit	1703
Carbon Monoxide annual mass emissions	No applicable limit	109,328
Particulate annual mass emissions	No applicable limit	44

Signed on behalf of the Operator	
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Date	27/01/2023
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Form Number: EW1

Permit Reference Number: **BV0767IT**
Operator: CELSA Manufacturing (UK) Ltd
Installation: Cardiff Medium Section Mill

Energy and Water Consumption

Release for Calendar Year ending:	2022
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Reporting Form EW1

Parameter	Quantity
Delivered Electricity MWh	20,727
Primary electricity (delivered x 2.4) MWh	49,745
Primary carbon dioxide (primary electricity x 0.166) te	8,258
Delivered gas MWh	76,535
Process water used m ³	94,909

Signed on behalf of the Operator	
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Date	27/01/2023
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Form Number: R1

Permit Reference Number: **BV0767IT**
 Operator: CELSA Manufacturing (UK) Ltd
 Installation: Cardiff Medium Section Mill

Reporting of Waste Disposal and Recovery for the year 2022

Waste Description	Disposal		Disposal	Recovery
	Waste	Route	Tonnes	Tonnes
1) Hazardous Wastes	Oils / Water / Sludges	Recovery		214.66
Named hazardous waste	Oils / Rags / Filters / Chemicals	Recovery		51.64
	Oil from oil/water separators			
Other hazardous wastes	Fluorescent tubes	Recovery		0.66
	Clinical waste	Disposal		
	Solvent	Recovery		
	Asbestos	Disposal		
	Paint Tins	Recovery		
	Contaminated Wood	Recovery		
	Contaminated Packaging	Recovery		
Total hazardous waste				266.96
2) Non-Hazardous Wastes	Gen Wastes	Recycling	13.1	97.28
	Grease	Recovery		
Named non-haz. Waste	Scrap Metal	Recovery		14,797.28
Other non-hazardous wastes	Mill Scale	Recovery		4021.38
	Dry mixed recycling	Recycling		4.68
	Organic waste	Recycling		1.41
	Wood	Recycling		25.74
	WEEE	Recycling		4.42
	Cables	Recycling		1.1
Total non-hazardous waste				18966.39
TOTAL WASTE				19233.35

Operator's comments:

Signed
(Authorised to sign as representative of the
Operator)

J Richards

Date

27/01/2023

Form Number: PI1 - Environmental Performance

Indicators

Permit Reference Number: **BV0767IT**

Operator: CELSA Manufacturing (UK) Ltd

Installation: Cardiff Medium Section Mill

Reporting of Performance Indicators for the year	2022
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Parameter	Annual Average	Units
Delivery of Raw Billet	255,652	Steel delivered [tonnes]
Production of rolled steel product	241,375	Steel produced [tonnes]
Water Usage	396.83	Water supplied per tonne of rolled steel [litres]
Usage of oils	0.91	Oil usage per tonne of rolled steel [litres]
NOx production	0.068	NOx release per tonne of steel rolled [kg]
SOx production	0.0071	SOx release per tonne of steel rolled [kg]
Waste Hazard Score		
Waste Disposal Score		

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
2011	328,629	307,241	100	0.455	0.329	0.0038		
2012	312,730	291,659	111	0.225	0.320	0.0030		
2013	324,230	302,100	74.90	0.278	0.201	0.0032		
2014	319,397	280,040	103.94	0.359	0.521	0.0035		
2015	347,575	307,679	37.83	0.311	0.410	0.0072		
2016	311,316	291,827	117.12	0.341	0.316	0.0068		
2017	318,482	298,638	33.97	0.320	0.165	0.0004		
2018	280,598	262,553	203.62	0.653	0.088	0.0028		
2019	306,307	287,556	293.22	0.768	0.132	0.0065		
2020	243,513	228,413	366.45	0.96	0.154	0.0042		
2021	280,326	263,800	304.59	0.84	0.131	0.0044		
2022	255,652	241,375	396.83	0.91	0.068	0.0071		

Operator's comments :

Signed (authorised to sign as representative of the Operator)	<i>J Richards</i>	Date	27/01/2023
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