



CELSA
MANUFACTURING UK

Building 58, Castle Works, East Moors Road
CARDIFF CF24 5NN
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29th January 2021

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\EA\Annual\2020\BV0767IT Annual Returns 2020.doc

Dear Mrs Parr,

RE: Section Mill EPR Permit BV0767IT Annual Returns 2020

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 2020.

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

Yours sincerely

Hannah Mayled
Environmental Graduate

Form Number: A2

Permit Reference Number: **BV0767IT**

Operator: CELSA Manufacturing (UK) Ltd

Installation: Cardiff Medium Section Mill

Release for year ending:	2020
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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	35,181
Oxides of sulphur annual mass emissions (as SO _x)	No applicable limit	965
Carbon Monoxide annual mass emissions	No applicable limit	1,737
Particulate annual mass emissions	No applicable limit	788

Signed on behalf of the Operator	
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Date	29 January 2021
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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:	2020
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Reporting Form EW1

Parameter	Quantity
Delivered Electricity MWh	20,642
Primary electricity (delivered x 2.4) MWh	49,541
Primary carbon dioxide (primary electricity x 0.166) te	8,224
Delivered gas MWh	105,721
Process water used m ³	64,256

Signed on behalf of the Operator	
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Date	29 January 2021
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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 2020

Waste Description	Disposal		Disposal	Recovery
	Waste	Route	Tonnes	Tonnes
1) Hazardous Wastes	Oils / Water / Sludges	Recovery		
Named hazardous waste	Oils / Rags / Filters / Chemicals	Recovery		16.4
	Oil from oil/water separators			55.4
Other hazardous wastes	Fluorescent tubes	Disposal		
	Clinical waste	Disposal		
	Solvent	Recovery		
	Asbestos	Disposal		
	Paint Tins	Recovery		
	Contaminated Wood	Recovery		
	Contaminated Packaging	Recovery		
Total hazardous waste				71.8
2) Non-Hazardous Wastes	Gen Wastes	Recycling		56.2
	Grease	Recovery		
Named non-haz. Waste	Scrap Metal	Recovery		12,829.1
Other non-hazardous wastes	Mill Scale	Recovery		4,434.9
	Mixed Papers / Card	Recycling		4.3
	Wood	Recycling		32.7
	WEEE	Recycling		1.2
	Aerosols	Recycling		
Total non-hazardous waste				17,358.4
TOTAL WASTE				17,430.2

Operator's comments:

Signed (Authorised to sign as representative of the Operator)		Date	29 January 2021
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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	2020
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Parameter	Annual Average	Units
Delivery of Raw Billet	243,513	Steel delivered [tonnes]
Production of rolled steel product	228,413	Steel produced [tonnes]
Water Usage	366.45	Water supplied per tonne of rolled steel [litres]
Usage of oils	0.96	Oil usage per tonne of rolled steel [litres]
NOx production	0.154	NOx release per tonne of steel rolled [kg]
SOx production	0.0042	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		

Operator's comments :

Signed	<i>J. Haywood</i>	Date	29 January 2021
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(authorised to sign as representative of the Operator)			
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