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27th January 2017

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\2016\BV0767IT Annual Returns 2016.doc

Dear Mrs Parr,

RE: Section Mill EPR Permit BV0767IT Annual Returns 2016

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 2016.

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

Yours sincerely

Richard Lewis
Environmental Manager

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Form Number: A2

Permit Reference Number: **BV0767IT**

Operator: CELSA Manufacturing (UK) Ltd

Installation: Cardiff Medium Section Mill

Release for year ending:	2016
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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	92245
Oxides of sulphur annual mass emissions (as SO _x)	No applicable limit	1987
Carbon Monoxide annual mass emissions	No applicable limit	26180
Particulate annual mass emissions	No applicable limit	863

Signed on behalf of the Operator	<i>R. Cheni</i>
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Date	27 January 2017
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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:	2016
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Reporting Form EW1

Parameter	Quantity
Delivered Electricity MWh	26,669
Primary electricity (delivered x 2.4) MWh	64,006
Primary carbon dioxide (primary electricity x 0.166) te	10,625
Delivered gas MWh	127,880
Process water used m ³	34,180

Signed on behalf of the Operator	
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Date	27 January 2017
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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 2016

Waste	Disposal		Disposal	Recovery
Description	Waste	Route	Tonnes	Tonnes
1) Hazardous Wastes	Oils / Water / Sludges	Treatment / Disposal		17.5
Named hazardous waste	Oils / Rags / Filters / Chemicals	Treatment / Disposal		35.76
Other hazardous wastes	Fluorescent tubes	Disposal		
	Clinical waste	Disposal		
	Solvent	Recovery		
	Asbestos	Disposal		
Total hazardous waste			0.0	53.26
2) Non-Hazardous Wastes	Gen Wastes	Recycling		97.52
	Hardcore/Rubble	Recycling		
Named non-haz. Waste	Scrap Metal	Recovery		17986.45
Other non-hazardous wastes	Mill Scale	Recovery		4137.31
	Mixed Papers / Card	Recycling		3.97
	Wood	Recycling		31.53
	WEEE	Recycling		3.64
Total non-hazardous waste			0.0	22260.42
TOTAL WASTE			0.0	22313.68

Operator's comments:

Signed (Authorised to sign as representative of the Operator)		Date	27 January 2017
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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	2016
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Parameter	Annual Average	Units
Delivery of Raw Billet	311,316	Steel delivered [tonnes]
Production of rolled steel product	291,827	Steel produced [tonnes]
Water Usage	117.12	Water supplied per tonne of rolled steel [litres]
Usage of oils	0.341	Oil usage per tonne of rolled steel [litres]
NOx production	0.316	NOx release per tonne of steel rolled [kg]
SOx production	0.0068	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		

Operator's comments :

Signed (authorised to sign as representative of the Operator)		Date	27 January 2017
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