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31st January 2019

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\IPPC/Environment Agency Reporting\Permit Reporting\Rod and Bar Mill\Returns\EA\Annual\2018

Dear Mrs Parr,

RE: Rod and Bar Mill EPR Permit BV0759IC Annual Returns 2018

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 2018.

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

Yours sincerely

Gabriella Nizam
Environmental Advisor

Form Number: A2

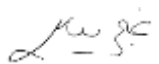
Permit Reference Number: **EPR/BV0759IC**

Operator: CELSA Manufacturing (UK) Ltd

Installation: Cardiff Rod and Bar Mill

Release for year ending:	2018
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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	61814
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 January 2019
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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: ...2018.

Reporting Form EW1	
Parameter	Quantity
Delivered Electricity MWh	90,148
Primary electricity (delivered x 2.4) MWh	216,354
Primary carbon dioxide (primary electricity x 0.166) te	35,915
Delivered gas MWh	249,221
Process water used m ³	142,315

Signed on behalf of the Operator 

Date ...31 January 2019

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 year2018.....

Waste Description	Disposal			Recovery
	Waste	Route	Tonnes	Tonnes
1) Hazardous Wastes	Waste & Oil Greases	Treatment / Disposal		68.6
Named hazardous waste	Oils / Rags / Filters / Chemicals	Treatment / Disposal		25.7
Other hazardous wastes	Fluorescent tubes	Recycling		
	Insulation	Recovery		0.6
	Hoses	Recovery		2
	Sulphuric Acid	Recovery		7
	Contaminated Packaging	Recovery		0.2
	Contaminated Wood	Recovery		11.4
Total hazardous waste			0.00	115.5
2) Non-Hazardous Wastes	Gen Waste	Recycling		83.92
Named non-haz. Waste	Scrap Metal	Recovery		12,881.24
Other non-hazardous wastes	Mill Scale	Recovery		12893.41
	Paper/Card	Recycling		6.24
	Refractory Bricks	Recovery		22.82
	Wood	Recycling		72.14
	WEEE	Recycling		9.86
Total non-hazardous waste			0.00	25,969.63
TOTAL WASTE			0.00	26,085.13

Operator's comments:

Signed 
(authorised to sign as representative of the Operator)

Date...31 January 2019

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 ...2018.....

Parameter	Annual Average	Units
Delivery of Raw Billet	706,583	Steel delivered [tonnes]
Production of rolled steel product	685,982	Steel produced [tonnes]
Water Usage	207.46	Water supplied per tonne of rolled steel [litres]
Usage of oils	0.348	Oil usage per tonne of rolled steel [litres]
NOx production	0.09	NOx release per tonne of steel rolled [kg]
SOx production	N/A	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	710,654	681,479	139	0.458	0.098	N/A		
2012	742,452	716,378	132	0.296	0.053	N/A		
2013	679,314	660,150	138.4	0.271	0.078	N/A		
2014	677,881	656,948	128.91	0.248	0.066	N/A		
2015	779,027	713,941	163.84	0.272	0.082	N/A		
2016	733,006	711,180	163.29	0.261	0.069	N/A		
2017	685,262	665,837	193.44	0.340	0.033	N/A		
2018	706,583	685,973	207.46	0.348	0.09	N/A		

Operator's comments :

Signed 

Date.....31 January 2019