Building 58, Castle Works, East Moors Road
CARDIFF CF24 5NN
Tel: 029 2035 1800
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31st January 2020

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\2019

Dear Mrs Parr,

RE: Rod and Bar Mill EPR Permit BV0759IC Annual Returns 2019

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 2019.

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:	2019

Reporting Form A2		
Parameter	Limit value (kg)	Annual release (kg)
Oxides of nitrogen annual mass emissions (as NO_2)	No applicable limit	38031
Oxides of sulphur annual mass emissions (as SOx)	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	

Date	31 January 2020

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: …2019.

Reporting Form EW1	
Parameter	Quantity
Delivered Electricity MWh	70,103
Primary electricity (delivered x 2.4) MWh	168,247.2
Primary carbon dioxide (primary electricity x 0.166) te	27,929
Delivered gas MWh	245,860
Process water used m^3	130,686

Signed on behalf of the Operator ……. …..

Date …31 January 2020

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 year ……2019…….

Waste	Disposal			Recovery
Description	Waste	Route	Tonnes	Tonnes
1) Hazardous Wastes	Used oils / Grease / Oil Filters	Treatment / Disposal		16.7
Named hazardous waste	Oils / Rags / Filters / Chemicals	Treatment / Disposal		60.4
	Mineral-based non-chlorinated hydraulic oils			0.5
	Oil from oil/water separators			0.7
Other hazardous wastes	Hoses	Recovery		6.9
	Paint Tins	Recovery		0.1
	Oil & Water			16.9
Total hazardous waste			**0.00**	**102.2**
2) Non-Hazardous Wastes	Gen Waste	Recycling		188.3
Named non-haz. Waste	Scrap Metal	Recovery		12130
Other non-hazardous wastes	Mill Scale	Recovery		12932.91
	Paper/Card	Recycling		11.6
	Organic Waste	Recovery		1.4
	Wood	Recycling		97.4
	WEEE	Recycling		6.7
Total non-hazardous waste			**0.00**	**25,368.31**
TOTAL WASTE			**0.00**	**25,470.51**

Operator's comments:



Signed …….. Date…31 January 2020
(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 …2019……..

Parameter	Annual Average	Units
Delivery of Raw Billet	714,746	Steel delivered [tonnes]
Production of rolled steel product	695,199	Steel produced [tonnes]
Water Usage	188.0	Water supplied per tonne of rolled steel [litres]
Usage of oils	0.456	Oil usage per tonne of rolled steel [litres]
NOx production	0.055	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		
2019	714,746	695,199	188.0	0.456	0.055	N/A		

Operator's comments :

Signed …….. Date……31 January 2020