



Building 58, Castle Works, East Moors Road
CARDIFF CF24 5NN
Tel: 029 2035 1800
Fax: 029 2035 1801

31st January 2024

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\2023\4.1.5 Annual Returns 2023.doc

Dear Mrs Parr,

RE: Section Mill EPR Permit BV0767 4.1.5 Annual Returns 2023

In accordance with CELSA Manufacturing UK Ltd Environmental Permitting Regulations (EPR) Section Mill Permit BV0767, permit condition 4.1.5 requires the following:

4.1.5 Where the Operator has a formal environmental management system applying to the Permitted Installation which encompasses annual improvement targets the Operator shall, not later than 31 January in each year, provide a summary report of the previous year's progress against such targets.

The following information summarises the CELSA's Section Mill Environmental Management Systems (EMS) Objectives and Targets for 2023.

1.0 Reduce gas consumption to 429 kWh/tonne per month

The Sections Mill furnace average monthly gas consumption for 2023 totalled to 415.87 kWh per tonne of finished product in 2023.

This target was achieved through the introduction of several sustainable practises. In February 2023 the Sections Mill replaced the recuperator heat transfer tube. This upgrade has improved the consistency of heat transfer between the exhaust gas and combustion air and has advanced overall furnace pressure control.

The Sections Mill have also established an operational standardisation plan for furnace operations. To measure this, a Key Performance Indicator (KPI) is used to measure adherence to standardisation procedures.

Furthermore, Sections Mill operators have adopted a proactive approach in identifying and addressing minor cracks and holes in the furnace walls and roof. Upon detecting such issues, they promptly engage the crafts to seal the openings.

2.0 Consume no greater than 84.0 kWh/tonne of electricity per month in 2023

The Sections Mill furnace consumed a monthly average of 90.79 kWh per tonne of finished product in 2023.

Reducing the Sections Mill energy consumption was met with some challenges during 2023. Shorter product runs and a higher proportion of "higher reduction" products have resulted in increased electricity consumption per ton. However, the Sections Mill has continued to install more Lighting Emitting Diodes (LED's) and have planned to introduce further Variable Speed Drives (VSD's) to improve electricity efficiency in the area.

3.0 Reduce oil consumption to 0.6 l/tonne per month in 2023

The Sections Mill consumed on average 0.68 litres per tonne of finished product in 2023.

There were several improvements implemented in 2023 to combat oil losses. This included refinements to live trending monitoring, encompassing real-time oil level tracking alongside daily trend analysis. This improved detection of oil losses through monitoring tank levels, oil pressures, and oil temperatures. The Sections Mill were also able to continue pipework replacement and improve stand maintenance throughout the area.

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

Yours sincerely,

[Redacted Signature]

[Redacted Name]

Environmental Graduate