

Permit Reference Number: **KP3135KV**

Operator: The Royal Mint Limited

Installation: The Royal Mint

Form Number: EI

Reporting of Energy Usage for the year **2023**

Energy Source	Energy Usage Quantity (Kwh)	Primary Energy (MWh)	Specific Usage (MWh/tonne)
Electricity *	21,840,382 (Total Energy Use)	52,417 (for total energy)	4.65
	3,173,948("On Site" Wind Turbines and Solar Generated Energy)	44,799 (for energy generated by grid and site CHP plant)	3.97
Natural Gas	15,488,014	15,488	1.37
TOTAL	37,328,396	64,894	6.02

\* Conversion factor for delivered electricity to primary energy - **Primary Energy = electrical energy X 2.4 (as per the Resource Efficiency Physical Index)**

Operator's comments:

**Total Saleable Product 2023 = 11,271 Tonnes.**

Signed .....  
(authorised to sign as representative of the Operator)

Date 25/01/24

Permit Reference Number: **KP3135KV**

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Installation: The Royal Mint

Form Number: Performance I

Reporting of other performance indicators for the year **2023**

Parameter	Value	Units
Total raw material used	12,040	tonnes
Water abstraction from river	320,620	m <sup>3</sup> /year
Total final product tonnage	11,271	tonnes
CO <sub>2e</sub> / tonne of circulating coin.	560.52 (Consumed Energy from grid supplied and CHP sources) * 993.33 (Consumed Primary Energy from grid supplied and CHP sources) *	Kg CO <sub>2e</sub> / tonne
Total waste / tonne of circulating coin.	0.688	Tonne of waste / tonne

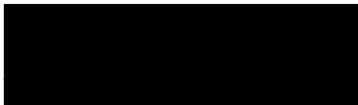
Operator's comments:

**For grid received electricity the CO<sub>2e</sub> conversion factor obtained from GOV.UK "Greenhouse gas reporting - Conversion factors 2023 Condensed set (for most users)", using (UK electricity Scope 2, Version 1.0, Condensed set, Year 2023) plus (Transmission and distribution scope 3, Version 1.1, Condensed set, Year 2023) Electricity = kWh x (0.207074 + 0.01792) Kg of CO<sub>2e</sub> (Fuels Scope 1, Version 1.1., Condensed set, Year 2023) Natural Gas = kWh(Gross CV) x 0.18293 Kg of CO<sub>2e</sub>.**

**For CHP supplied energy the CO<sub>2e</sub> figure has been provided by the energy supplier / equipment supplier (0.1386 Kg of CO<sub>2e</sub>).**

**\* The figure excludes energy generated by the "onsite" wind turbines and solar farm.**

Signed .....



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Date 25/01/24

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Permit Reference Number: **KP3135KV**

Operator: The Royal Mint Limited

Installation: The Royal Mint

Form Number: Water Usage I

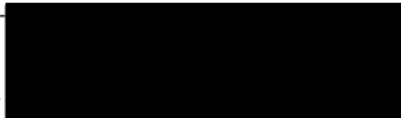
Reporting of Water Usage for the year **2023**

<b>Water Source</b>	<b>Usage (m<sup>3</sup> per year)</b>	<b>Specific Usage (m<sup>3</sup>/tonne)</b>
Mains Water	121,014	10.74
River Abstraction	320,620	28.45
<b>TOTAL WATER USAGE</b>	<b>441,634</b>	<b>39.18</b>

Operator's comments:

**Total Saleable Product 2023 = 11,271 Tonnes.**

Signed .....



Date 25/01/24

(authorised to sign as representative of the Operator)