

Permit Reference Number: **KP3135KV**

Operator: The Royal Mint Limited

Installation: The Royal Mint

Form Number: EI

Reporting of Energy Usage for the year **2022**

Energy Source	Energy Usage Quantity (Kwh)	Primary Energy (MWh)	Specific Usage (MWh/tonne)
Electricity *	26,145,810 (Total Energy Use)	62,750 (for total energy)	6.83
	604,587 ("On Site" Wind Turbine Generated Energy)	61,230 (for energy generated by grid and CHP)	6.67
Natural Gas	16,987,388	16,987	1.84
TOTAL	43,133,198	79,737	8.67

\* 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 2022 = 9,192 Tonnes.**

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

Martyn Grant

Date 19/01/23

Permit Reference Number: **KP3135KV**

Operator: The Royal Mint Limited

Installation: The Royal Mint

Form Number: Performance I

Reporting of other performance indicators for the year **2022**

Parameter	Value	Units
Total final product tonnage	9,192	tonnes
CO <sub>2e</sub> / tonne of circulating coin	1,074.19 (Consumed Energy from grid supplied and CHP sources) * 2,125.55 (Consumed Primary Energy from grid supplied and CHP sources) *	Kg CO <sub>2e</sub> / tonne
Total waste / tonne of circulating coin	0.983	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 2022 Condensed set (for most users)", using (UK electricity Scope 2, Version 1.0, Standard Set, Year 2022) plus (Transmission and distribution scope 3, Version 1.0, Standard Set, Year 2022) Electricity = kWh x (0.19338 + 0.01769) Kg of CO<sub>2e</sub> (Fuels Scope 1, Version 1.0, Standard Set, Year 2022) Natural Gas = kWh(Gross CV) x 0.18397 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.**

**\* The figure excludes energy generated by the "onsite" wind turbine.**

Signed .....  .....

Martyn Grant

Date 19/01/23

(Authorised to sign as representative of the Operator)

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 **2022**

Water Source	Usage (m <sup>3</sup> per year)	Specific Usage (m <sup>3</sup> /tonne)
Mains Water	153,107	16.66
River Abstraction	174,061	18.94
TOTAL WATER USAGE	327,168	35.59

Operator's comments:

**Total Saleable Product 2022 = 9,192 Tonnes.**

Signed .....



Martyn Grant

Date 19/01/23

(authorised to sign as representative of the Operator)