

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	EPR/KP31353KV
Name of operator	The Royal Mint Limited
Location of Facility	Llantrisant Pontyclun
Time and date of detection	14:23 – 05/03/24

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection

Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit

To be notified within 24 hours of detection unless otherwise specified below

Emission point reference/ source	A10 – Emission to Air from Direct Brass Plating Line Acid Scrubber / Mist Eliminator
Parameter(s)	Sulphur Dioxide
Limit	0.6 mg/m ³
Measures value and uncertainty	2.6 mg/m ³ +/- 0.27 mg/m ³
Date and time of monitoring	22/02/24 - 10:54 and 11:54
Measures taken, or intended to be taken, to stop the emission	The breach was detected during the monthly monitoring of the acid scrubber. On receipt of the analytical report an investigation was started to identify any changes to previous operating conditions on that day and identify if these changes are still in place which may lead to a continued breach.

Time periods for notification following detection of a breach of a limit

Parameter	
Sulphur Dioxide (10:54 and 11:54) on 22/02/24. Reported within 24 hours of monitoring report receipt. Mass emission measured at the time was reported as 34.4 g/h	

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable.

Any more accurate information on the matters for notification under Part A.	On the 05/03/23 The Royal Mint received the report from Element Materials Technology on the February round of acid scrubber stack monitoring. The report showed an exceedance of SO ₂ permitted level.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	An internal investigation was started to identify any change in the operating conditions that occurred during the day.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	The operation of the plant is being investigated. Based on the mass emission measured at the time being reported as 34.4 g/h. It is calculated that potentially 10 kg of SO ₂ has been emitted in the period up to 05/03/24
The Dates of any unauthorised emissions from the facility in the preceding 24 months	10/06/23 – S1, Exceedance of permitted level of copper to sewer from The Royal Mint site 19/12/22 - W1; Breach of chlorine discharge to river. 16/05/22 - S1; Discharge to Sewer from The Royal Mint Site for Free Cyanide.

Name*	[REDACTED]
Post	Environmental Manager
Signature	[REDACTED]
Date	05/03/24

*authorised to sign on behalf of The Royal Mint Limited