

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	2:10am 16/03/24

(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	S1 – Discharge to Sewer
Parameter(s)	Copper
Limit	1.0mg/l
Measures value and uncertainty	Undetermined
Date and time of monitoring	16/03/24 – 2:10am initial result of 0.92mg/l, analyst test at 11:26am 2.2mg/l
Measures taken, or intended to be taken, to stop the emission	Discharge is batch controlled – ICP sampling prior to discharge. Flows from plants reduced to allow for WTP to recirculate and get solution back in spec
Time periods for notification following detection of a breach of a limit	
Parameter	
Copper – 16/03/24 at 2:10am result 0.92mg/l from WTP AA machine. 16/03/24 at 11:26am Re-test of same sample using ICP machine result 2.2mg/l	

(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 16/03/24 The Royal Mint laboratory analysts reported a high detection of copper in the batch discharge to sewer. The subsequent results have been below permitted level: 16/03/24 19:00 – 0.01mg/l 16/03/24 2:30 – 0.03mg/l 17/03/24 10:30 – 0.06mg/l 17/03/24 17:15 – 0.05mg/l 17/03/24 0:20 – 0.13mg/l
Measures taken, or intended to be taken, to prevent a recurrence of the incident	An internal investigation was started to identify any issues with the AA sampling process or changes 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 sampling process and operation of the plant is being investigated. Down stream water treatment facility to control before discharge to controlled waters.
The Dates of any unauthorised emissions from the facility in the preceding 24 months	05/03/24 - A10 exceedance of SO ₂ permitted level from Direct Brass Acid Scrubber stack. 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*	██████████
Post	Head of SHE
Date	05/03/24 (submitted 16 th Mar 2024)

*authorised to sign on behalf of The Royal Mint Limited