

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/LP3030XA
Name of operator	Viridor Trident Park Limited
Location of Facility	Glass Avenue, Cardiff. CF24 5EN
Time and date of the detection	23 February 2022 15:35H

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection

Date and time of the event	23 February 2022 15:35H
Reference or description of the location of the event	Localised fire within waste feed hopper 1 causing smoke to be generated.
Description of where any release into the environment took place	Release of smoke through louvres at roof eaves level.
Substances(s) potentially released	Smoke
Best estimate of the quantity or rate of release of substances	Unable to calculate due to release point. Short duration of approximately 6 minutes.
Measures taken, or intended to be taken, to stop any emission	Automatic fire detection and suppression system activated. Followed the Unit Emergency Plan (UEP) for feed hopper fire and managed accordingly.
Description of the failure or accident.	Feed chute blockage, caused line 1 boiler to trip.

(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	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

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

Parameter	Notification period

(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	

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	<ul style="list-style-type: none"> 13:53H low level (LSL) in Line 1 feed chute. Operations staff dispatched to investigate. Blockage identified in feed hopper and staff started to clear blockage using bridge breakers. 14:34H burners started to support combustion during blockage clearance. 15:19H HP header closed to prevent turbine trip. The blockage was bridged across the feed chute and the feeders continued to feed waste from below the bridge on to the grate. 1531h the bridge dropped on RHS of feed chute. With the burners in service and the increase in air drawn through the feed chute the steam temperature increased and out-paced the attemperator sprays resulting in the boiler tripping due to high steam temperature. The automatic fire detection system picked up the fire from the grate and triggered the waste hopper deluge. Deluge system activated which generated smoke. The ID fan automatically tripped from the boiler trip and resulted in the boiler being at positive pressure, and as a result the smoke was released from the louvres at the top of the waste bunker.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Review and cascade procedure associated with feed chute operations to relevant staff.
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	Following reset of boiler safety system the ID Fan was started at 15:37H to put boiler under negative pressure and withdraw smoke from feed hopper and bunker area.
The dates of any unauthorised emissions from the facility in the preceding 24 months.	14 July 2020 30 Aug 2020 4 Jan 2021 23 Jan 2021 6 Aug 2021 12 Sept 2021 31 Oct 2021 20 Dec 2021

Part C

Permit Number	
Name of operator	
Location of installation	

Time at which abnormal operation commenced	
Time at which abnormal operation ceased	
Duration of this incidence of abnormal operation	
Cumulative abnormal operation duration in current year (at end of present incidence)	
Reasons for abnormal operation	
How did the abnormal operation end? (e.g. plant repaired, reaching maximum permitted duration, initiation of shutdown, etc.)	
Where the abnormal operation was caused by the failure of the particulate, CO or TOC CEM, attach a copy of the alternate monitoring data which was used to demonstrate compliance with the abnormal operation emission limit values.	

Where abatement plant has failed, give the half-hourly average emissions for pollutants of relevance during the abnormal operation in the rows below								
Pollutant	1st ½ hour	2nd ½ hour	3rd ½ hour	4th ½ hour	5th ½ hour	6th ½ hour	7th ½ hour	8th ½ hour
Name*				Gwyn Jones				
Post				EHS Manager				
Signature				G.Jones				
Date				11 April 2022				

* authorised to sign on behalf of **Viridor Trident Park Limited**