

Part A	
Permit Number:	PP3430UL
Name of Operator:	SRCL Limited
Location of Installation:	Bridgend Clinical Waste Treatment Plant
Location of the Emission:	Boiler (A3)
Date of Emission:	26 th April 2020

Substance(s) Emitted	Media	Best Estimate of the Quantity or Rate of the Emission	Time During Which the Emission Occurred
boiler flue gases	Air		22:30 on the 26 th April 2020

Measures taken, or intended to be taken, to stop the emission.	There was a small fire in the boiler exhaust flue, investigation is currently being undertaken.
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Part B	
Any more accurate information on the matters for notification under Part A.	The small fire occurred due to a fault with the air flow control modulator motor. The motor had failed causing the boiler to ask for more air and gas increasing the air flow. These gases passed through to the flue stack, where the gases ignited. The flame in the flue stack resulted in damage to section 2 which bowed the internal cylinder, allowing the insulation to be released into the bottom of the flue stack. The release of the insulation allowed the heat to travel up the stack and where the stack exits the building through the roof, causing minor damage around the flue exhaust and nearby skylight.
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	The flue stack was repaired and the insulation was replaced with high temperature rock wool. The stack was rebuilt and sealed using fire cement and fastened together.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission.	The boiler requires an upgrade which is a standard feature in new builds. This is a thermostat sensor that sits in the flue stack and will cut the boiler off if excess heat is detected in the flue stack.

Name:*	Steve Simms
Position:	General Manager
Signature:	
Date:	29 th April 2020

* authorised to sign on behalf of SRCL Limited