

Part A Response

Part A – to be submitted within 24 hours of the incident

Permit Number	BU54531Y
Name Of Operator	AGC Chemicals Europe Ltd
Location Of Installation	Hillhouse International, Thornton Cleveleys, Lancashire
Time and date of the detection	01/04/2023 08:00 – 10:00

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident or fugitive 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 event	01/04/2023 08:00 – 10:00														
Reference or description of the location of the event	Process gas release from Steam Pyrolysis 2 (SP2).														
Description of where any release into the environment took place	Air emission, process gas release from SP2.														
Substance(s) potentially released	Process gas containing: Tetrafluoroethylene (TFE) Chlorodifluoromethane (R22) Hexafluoropropylene (HFP) Trifluoroethylene (3FE) Difluoromethane (R32) Vinylidene fluoride (VDF)														
Best estimate of the quantity or rate of release of substance(s)	Initial estimate based on information available at the time of the release: <table><thead><tr><th>Substances released</th><th>kg</th></tr></thead><tbody><tr><td>TFE</td><td>193.39</td></tr><tr><td>R22</td><td>61.29</td></tr><tr><td>HFP</td><td>33.23</td></tr><tr><td>Difluoromethane</td><td>0.08</td></tr><tr><td>3FE</td><td>0.18</td></tr><tr><td>VDF</td><td>0.00</td></tr></tbody></table> AGCCE will provide context of release in terms of permit limits and emissions from w/c 27/03/2023 within the Part B submission.	Substances released	kg	TFE	193.39	R22	61.29	HFP	33.23	Difluoromethane	0.08	3FE	0.18	VDF	0.00
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R22	61.29														
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Difluoromethane	0.08														
3FE	0.18														
VDF	0.00														
Measures taken, or intended to be taken, to stop any emission	To be reviewed following abnormal event investigation. Potential cause due to lowering of the level in SP2 cooling or caustic tower allowing gas to flow through the SP lute and into the waste acid tank.														

