



Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Agilent Technologies LDA UK Limited
Church Stretton Science Park
Essex Road
Church Stretton
Shropshire
SY6 6AX

Permit number

EPR/KP3320LH

Church Stretton Science Park

Permit number EPR/KP3320LH

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

Church Stretton Science Park is an existing site located at Essex Road, Church Stretton, Shropshire, SY66AX, operated by Agilent Technologies LDA UK Limited. The national grid reference (NGR) for the site is SO 45672 93772. The site is permitted for the following schedule activity under Environmental Permitting (England & Wales) Regulations 2016:

Section 4.1 Part A(1)(a)(viii) – producing organic chemicals such as plastic materials.

Section 4.1 Part A(1)(a)(xi) - producing organic chemicals such as surface-active agents.

Agilent manufactures silica and organic polymers for use in laboratory consumables and industrial applications in human clinical and diagnostics, liquid chromatography and solid support synthesis particles at a rate of less than 5 tonnes per year. The processes take place in four different buildings:

Unit 1 – Loading of polymer and silica particles into stainless steel tubes to produce liquid chromatography columns.

Unit 2 – Research and Development facility – small laboratory scale processing

Unit 3 – Main processing building for large scale polymerisation and surface modification activities

Unit 4 – Chemical storage

The general manufacturing process is as follows:

A stabilised aqueous phase is produced in a reactor through heating and cooling to aid dissolution. Monomers and other organic chemicals are weighed in a separate transfer tank using stirring to dissolve solids. The organic mix is pumped to the reactor system where shear is applied to help form droplets of a specific size. Heat is applied to the reactor to initiate the polymerisation process, forming polymeric or silica particles (product). Once polymerisation is complete this mixture is cooled in the reactor.

If size refinement is required, the particles are washed under vacuum using solvent and/or water. The particles are then sieved using water. Undersized and oversized beads are collected for disposal off-site. Particles not requiring sieving or ones where the sieving process has already completed are pumped to a filter where the particles are separated from liquid. Water/solvents mixtures are added and solid re-suspended by stirring, then filtered again. The above steps are repeated until the particle products are free from reaction by-products.

The wash solvents/water waste stream is discharged into a holding tank and then pumped into suitable containers for transfer to a licensed waste facility. The solvent waste stream is collected separately and transferred off site for appropriate recovery.

Particles are then either dried under vacuum and discharged as dry powder or resuspended and discharged as suspension in solvent for sedimentation before returning to the filter for drying.

Polymer beads are either considered as final product or transferred to another pressure filter for surface modification to form a different product. The surface modification step is followed by the washing steps above using variety of solvents before vacuum drying. These modified particles finally undergo a dry sieving stage to remove any oversized product.

The effluent generated from process cooling and equipment wash water is discharged to sewer. There are a number of emission points to air from the site processes, some of which may contain volatile organic compounds (VOC's). Those emission points with the potential for significant emissions of VOC's to air are

installed with appropriate VOC abatement systems proportionate to the levels of VOC potentially present e.g. condensers / scrubbers.

There is a drum store which houses the raw materials as well as waste.

The site also has an underground attenuation tank of around 10,000 litre capacity that connects with the Severn Trent storm water sewer.

The site is operated under the Environmental, Health and Safety (EHS) Management System, certified to ISO 14001.

There is a Special Area of Conservation – The Stiperstones & The Hollies (SAC) at a distance of 9.5km, a Site of Special Scientific Interest – Long Mynd (SSSI) at a distance of 769m and a few Local Nature Reserves (LNRs), Local Wildlife Sites (LWS) and Ancient Woodland sites within 2km radius of the site.

The site falls under flood zone 2 & 3.

The status log of the permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application EPR/KP3320LH/A001	Duly made 24/04/2025	Application for a Section 4.1A(1)(a)(viii) – manufacturing of silica and organic polymers & Section 4.1 Part A(1)(a)(xi) – manufacturing surface-active agents.
Additional information received	30/01/2026	Response to Schedule 5 notice dated 23/12/2025 regarding emissions to air risk assessment.
Additional information received	13/02/2026	Response to Schedule 5 notice dated 23/01/2026 regarding the following: - Noise Management plan - Firewater Containment - Bunding capacity - Fault Monitoring as BAT - Raw materials risk assessment
Additional information received	01/04/2026	Response to Schedule 5 Second notice dated 11/03/2026 regarding emissions to air risk assessment.
Additional information received	17/04/2026	Response to RFI email dated 08/04/2026
Permit determined EPR/KP3320LH	28/07/2026	Permit issued to Agilent Technologies LDA UK Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/KP3320LH

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

Agilent Technologies LDA UK Limited ("the operator"),

whose registered office is

5500

Lakeside Cheadle Royal Business Park

Cheadle

Cheshire

SK8 3GR

company registration number 08815891

to operate an installation at

Church Stretton Science Park

Essex Road

Church Stretton

Shropshire

SY6 6AX

to the extent authorised by and subject to the conditions of this permit.

Name	Date
Sandra Cavill	28/07/2026

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.2 Energy efficiency

- 1.2.1 The operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
 - (c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

- 1.3.1 The operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
 - (b) maintain records of raw materials and water used in the activities;
 - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
 - (d) take any further appropriate measures identified by a review.

1.4 Avoidance, recovery and disposal of wastes produced by the activities

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.

- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.2 The operator shall:
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
 - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Noise and vibration

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
 - (a) point source emissions specified in tables S3.1, S3.2 and S3.3;
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2, S3.3 unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
 - (b) be made as soon as reasonably practicable;
 - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
 - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
 - (b) the annual production/treatment data set out in schedule 4 table S4.2; and
 - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

- 4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
- (a) the Environment Agency shall be notified at least 14 days before making the change; and
 - (b) the notification shall contain a description of the proposed change in operation.
- 4.3.6 The Environment Agency shall be given at least 14 days' notice before implementation of any part of the site closure plan.
- 4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:
- (a) a decision by the Secretary of State not to re-certify the agreement;
 - (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
 - (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately" in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
AR1	S4.1 A1 (a)(viii) – Producing organic chemicals such as plastic materials.	Polymerisation reactions in a heated 100litre stainless steel reactor	From receipt of raw materials (chemicals) to storage to dispatch of dried polymer powder as product or for further modification by surface coating process.
		Polymerisation reactions and modifications in a heated 1000litre stainless steel reactor.	
		Polymerisation reactions in a heated 200litre glass lined steel reactor.	
		Polymerisation reactions in a heated 500litre glass lined steel reactor.	
AR2	S4.1 A1 (a)(viii) – Producing organic chemicals such as plastic materials.	2 x Magnetic Particle Production in a 200litre glass jacketed reactor.	From receipt of raw materials to shipment of magnetic particles as final product.
AR3	S4.1 A1 (a)(xi) – Producing organic chemicals such as surface-active agents	Sulphonation and Quaternisation reactions in a 75litre glass lined steel reactor.	From receipt of product from AR1 for surface modification to dispatch of final products.
Directly Associated Activity			
AR4	Directly associated activity	Storage and handling of chemicals, oils, products and residues	Storage and handling associated with activities AR1 to AR3.
AR5	Directly associated activity	Storage and disposal of waste solvent-based effluent	From generation of waste solvent-based effluent to its disposal offsite.
AR6	Directly associated activity	Storage and disposal of solid waste	From generation of solid waste to its offsite disposal.
AR7	Directly associated activity	9 x boilers fuelled on natural gas.	Combustion of natural gas to run the boilers for space heating and process heating. All boilers are less than 1MWth and do not share a common stack.
AR8	Directly associated activity	Emergency back-up generator fuelled on diesel with thermal input of 0.163MWth.	The generator will not be tested for more than 50 hours per year.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The document which supplements the site's Environment Health and Safety (EHS) Management System titled 'Environmental Permit Application - Best Available Techniques and Operating Techniques document dated 23 September 2024, Revision: FINAL' Sections 2.0 to 16.0 & Appendix B. Technical standards in relation to Best available techniques as described in BAT conclusions under Directive 2010/75/EU of the European Parliament and of the Council, for common waste water and waste gas treatment/management systems in the chemical sector BAT Conclusion Numbers <<1,2,3,4,5,7,8,9,10,13,15,16,19,22,23>> Technical standards in relation to Best available techniques (BAT) as described in the BAT Reference Document (BREF) entitled "Best Available Techniques for the Production of Polymers" (POL) under Article 16(2) of Council Directive 96/61/EC (IPPC Directive) BAT Conclusion Numbers <<1,2,3,4,5,6,7,8,9,10,11,14,15,18>> Technical standards in relation to indicative best available techniques (BAT) as described in the sector guidance note 'How to comply with your environmental permit – Additional guidance for: Speciality Organic Chemicals Sector (EPR 4.02) indicative BAT Numbers <<1.1,1.2,1.3,1.4,1.5,2.1,2.2,2.3,2.4,2.5,2.6,2.7,2.8,3.1,3.2,3.3,3.4,3.5>> Document titled 'Environmental Risk Assessment dated 23 September 2024 Revision: FINAL' <<Section 3.1.8.4 Flooding, Section 4.0 to 5.0>> Document titled 'Site Condition and Baseline Report dated 23 September 2024 Revision: FINAL' <<Section 2.4, Section 3.1 to 3.6, Appendix C, Appendix D>>	Duly Made 24/04/2025
Response to Schedule 5 Notice dated 23/01/2026	Document titled 'Noise Management Plan dated 13 February 2026 Revision: 02'	13/02/2026

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<u>Noise Monitoring Programme</u> The operator shall submit a written report to the Environment Agency for assessment and written approval. The report must contain: - An assessment of noise during normal operations in accordance with the procedures given in BS4142:2014 (Rating industrial noise affecting mixed residential and industrial areas) and BS7445: 2003 (Description and measurement of environmental noise) or other methodology as agreed with the Environment Agency - The assessment shall include, but not be limited to: - A review of the noise sources from the facility. Where any noise source(s) are identified as exhibiting tonal contributions, they shall be	Within 6 months from the date of permit issue OR As agreed in writing with the Environment Agency

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	quantified by means of frequency analysis. - A review of noise levels from static plant. - Considerations of on-site vehicle movements. • A review of the noise assessment against the noise risk assessment ref 'Noise Impact Assessment dated 23 September 2024 Revision: FINAL' provided within the application EPR/KP3320LH/A001 to validate the application assessment. Any potential mitigation required must be updated into the noise management plan (NMP) and submitted to the Environment Agency for assessment and written approval. The operator must implement any proposals identified within the report in accordance with the Environment Agency's written approval and within the approved timescales.	
IC2	<u>Soil and Groundwater Monitoring</u> The Operator shall submit a written report on the conditions of soil and groundwater at the installation to the Environment Agency for confirmation. The report shall contain the information necessary to determine the state of soil and groundwater contamination so as to make a quantified comparison with the state upon definitive cessation of activities provided for in Article 22(3) of the IED. The report shall contain information, supplementary to that already provided in application Site Condition Report, needed to meet the information requirements of Article 22(2) of the IED. The report must contain: • Soil & groundwater monitoring results • Updated site condition report.	Within 18 months from the date of permit issue OR As agreed in writing with the Environment Agency
IC3	<u>Effluent Monitoring</u> The operator shall submit a written report to the Environment Agency for assessment and written approval. The report must contain: • The monitoring location(s) for the effluent discharged at emission point S1. • Confirmation of monitoring standards for all the parameters stated in Table S3.3 for the effluent discharge from emission point S1. • A review of the provision of MCERTS certification (or where this is not applicable, UKAS accreditation) for the organisation and methods employed to sample and analyse samples taken to fulfil the conditions of this permit. The operator must implement the proposals in the report in accordance with the Environment Agency's written approval and within the agreed timescales.	Within one month from the date of permit issue.

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Gas oil or an equivalent substitute to be agreed in writing with the Environment Agency	Less than 0.1% sulphur content

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method ^{Note 4}
A1 [Point A1 on site plan in Schedule 7]	Unit 3 – Impingement Scrubber Exhaust	VOC total Class A ^{Note 1}	20mg/Nm ³	Average over the monitoring period ^{Note 2}	Once every 6 months ^{Note 3}	BS EN 12619 or BS EN 13199
		VOC total Class B ^{Note 1}	75mg/Nm ³			
A2 [Point A2 on site plan in schedule 7]	Unit 3 – Main Production Lab Fume cupboards (including Biosec) (Stack 1)	VOC total Class A ^{Note 1}	20mg/Nm ³	Average over the monitoring period ^{Note 2}	Once every 6 months ^{Note 3}	BS EN 12619 or BS EN 13199
		VOC total Class B ^{Note 1}	75mg/Nm ³			
A3 [Point A3 on site plan in schedule 7]	Unit 3 – Main Production Lan Fume Cupboards (Stack 2)	VOC total Class A ^{Note 1}	20mg/Nm ³	Average over the monitoring period ^{Note 2}	Once every 6 months ^{Note 3}	BS EN 12619 or BS EN 13199
		VOC total Class B ^{Note 1}	75mg/Nm ³			
A4 [Point A4 on site plan in schedule 7]	Unit 3 – Main Production Area Fume Cupboards & SAX hood (Stack 3)	VOC total Class A ^{Note 1}	20mg/Nm ³	Average over the monitoring period ^{Note 2}	Once every 6 months ^{Note 3}	BS EN 12619 or BS EN 13199
		VOC total Class B ^{Note 1}	75mg/Nm ³			
A5 [Point A5 on site plan in schedule 7]	Unit 3 – Main Production Area Captor hoods (Stack 4)	VOC total Class A ^{Note 1}	20mg/Nm ³	Average over the monitoring period ^{Note 2}	Once every 6 months ^{Note 3}	BS EN 12619 or BS EN 13199
		VOC total Class B ^{Note 1}	75mg/Nm ³			
A6 [Point A6 on site plan in schedule 7]	Unit 3 – Main Production Lab (Stack 5)	VOC total Class A ^{Note 1}	20mg/Nm ³	Average over the monitoring period ^{Note 2}	Once every 6 months ^{Note 3}	BS EN 12619 or BS EN 13199
		VOC total Class B ^{Note 1}	75mg/Nm ³			
A7 [Point A7 on site plan in schedule 7]	Unit 3 – Analytical Lab LEV	VOC total Class A ^{Note 1}	20mg/Nm ³	Average over the monitoring period ^{Note 2}	Once every 6 months ^{Note 3}	BS EN 12619 or BS EN 13199
		VOC total Class B ^{Note 1}	75mg/Nm ³			
A8 [Point A8 on site plan in schedule 7]	Unit 2 – Old R&D Lab	VOC total Class A ^{Note 1}	20mg/Nm ³	Average over the monitoring period ^{Note 2}	Once every 6 months ^{Note 3}	BS EN 12619 or BS EN 13199
		VOC total Class B ^{Note 1}	75mg/Nm ³			
A9 [Point A9 on site plan in schedule 7]	Unit 2 – New R&D Lab	VOC total Class A ^{Note 1}	20mg/Nm ³	Average over the monitoring period ^{Note 2}	Once every 6 months ^{Note 3}	BS EN 12619 or BS EN 13199
		VOC total Class B ^{Note 1}	75mg/Nm ³			
A10 [Point A10 on site plan in schedule 7]	Unit 1 – Lab Extract (LHS) Column Production Lab LEV	VOC total Class A ^{Note 1}	20mg/Nm ³	Average over the monitoring period ^{Note 2}	Once every 6 months ^{Note 3}	BS EN 12619 or BS EN 13199
		VOC total Class B ^{Note 1}	75mg/Nm ³			

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method ^{Note4}
A11 [Point A11 on site plan in schedule 7]	Unit 1 – Lab Extract (RHS) Column Production Lab	VOC total Class A ^{Note1}	20mg/Nm ³	Average over the monitoring period ^{Note 2}	Once every 6 months ^{Note 3}	BS EN 12619 or BS EN 13199
		VOC total Class B ^{Note1}	75mg/Nm ³			
A12 – A20 [Points A12–A20 on site plan in schedule 7]	9 x Boiler units (<1MWth each) fuelled by natural gas.	No parameters set	-	-	-	-
A21 [Point A21 on site plan in schedule 7]	Emergency generator - 0.163MWth fuelled by diesel	No parameters set	-	-	-	-
Note 1: The VOC concentration levels apply where the following total mass release rates are exceeded: - Total Class A 100g/h (expressed as individual VOCs) - Total Class B 5 tonne/year or 2 kg/h, whichever is lower (expressed as carbon). Note 2: To the extent possible, the measurements are carried out at the highest expected emission state under normal operating conditions. Note 3: The minimum monitoring frequency may be reduced to once every year or once every 3 years of the emission levels are proven to be sufficiently stable. Note 4: Monitoring standard as stated in the table or as agreed in writing with the Environment Agency.						

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 on site plan in schedule 7 Emission to soakaway within the car park	Uncontaminated rainwater from southern car park and roof of Unit 1	No parameters set	-	-	-	-
W2 on site plan in schedule 7 emission to local storm water drainage system	Uncontaminated rainwater from roofs of Unit 3, drum store & hardstanding in the northern portion of the site via 10,000litre underground attenuation tank.	No parameters set	-	-	-	-

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W2 on site plan in schedule 7 emission to local storm water drainage system	Uncontaminated rainwater from the roof of Unit 2, Unit 4 and the central car park.	No parameters set	-	-	-	-

Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site–emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method ^{Note 1}
S1 on site plan in schedule 7 emission to Tributary of Quinny Brook via Severn Trent Water Limited	Intermittent effluent release to sewer from process cooling and equipment wash water	Flow	No limits set	24-hour total	Weekly	As agreed in writing with the Environment Agency.
		pH	No limits set	Instantaneous	Weekly	BS ISO 10523
		Temperature	No limits set	-	Weekly	Calibrated temperature probe
		Total Organic Carbon (TOC)	No limits set	-	Weekly composite	BS EN 1484
		Chemical Oxygen Demand (COD)	No limits set	-	Weekly composite	BS 6068-2.34 or BS ISO 15705
		Total Suspended Solids (TSS)	No limits set	-	Weekly composite	BS EN 872
		Volatile Organic Carbons (VOCs)	No limits set	-	Monthly	BS EN ISO 10301 or BS EN ISO 15680 or BS EN ISO 20595
Note 1: Monitoring standards as stated above or as agreed in writing with the Environment Agency.						

Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Point source emissions to air Parameters as required by condition 3.5.1	A1 to A11	Every 12 months	1 January

Table S4.2: Annual production	
Parameter	Units
-	-

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh

Table S4.4 Reporting forms		
Parameter	Reporting form	Form version number and date
Point source emissions to air	Emissions to Air Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Point source emissions to sewer	Emissions to Sewer Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021

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	
Name of operator	
Location of Facility	
Time and date of the detection	

(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	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
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 breach of permit conditions not related to limits	
To be notified within 24 hours of detection	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

(d) 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.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	

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 dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“Hazardous property” has the meaning in Annex III of the Waste Framework Directive.

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

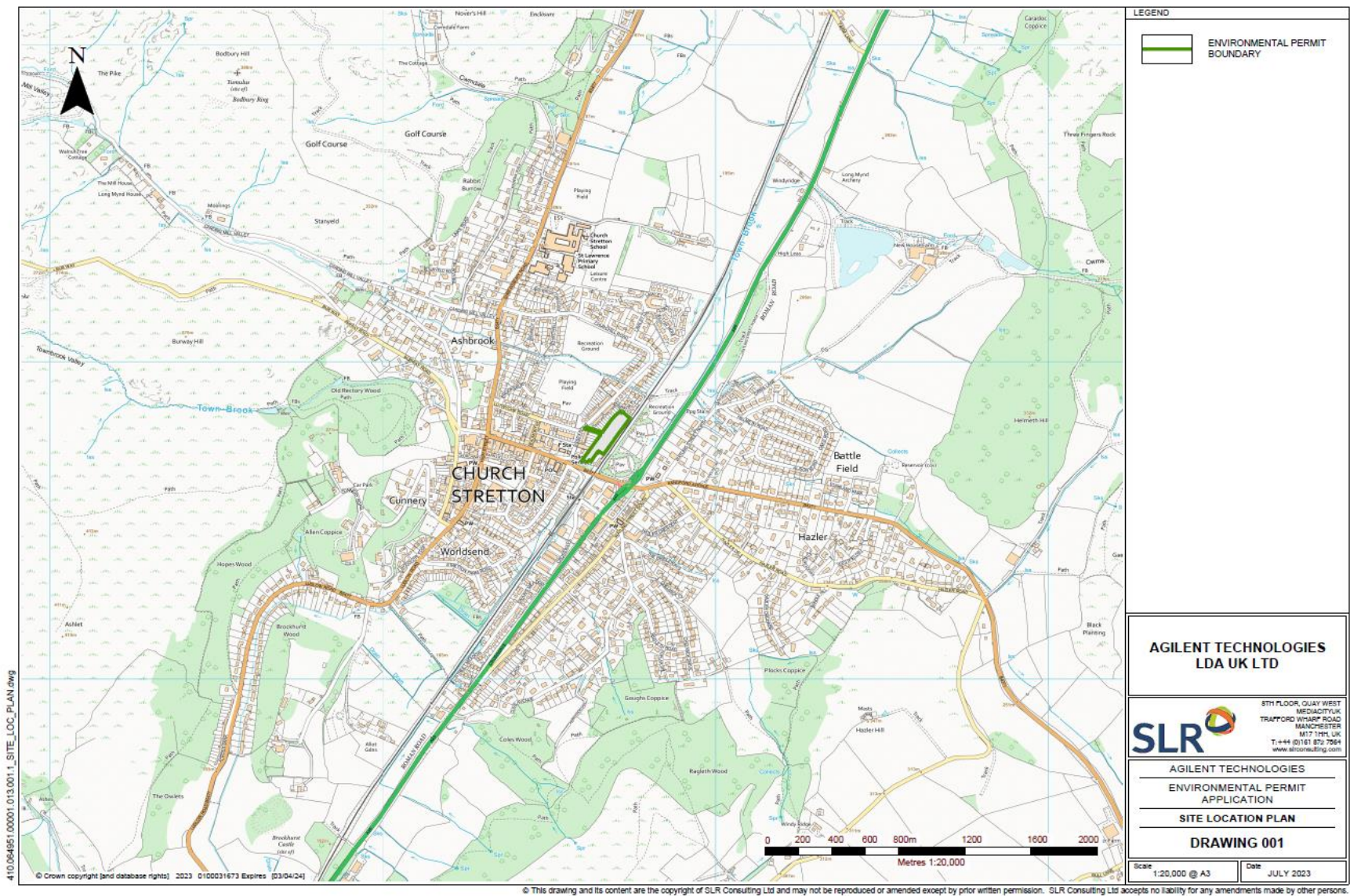
“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

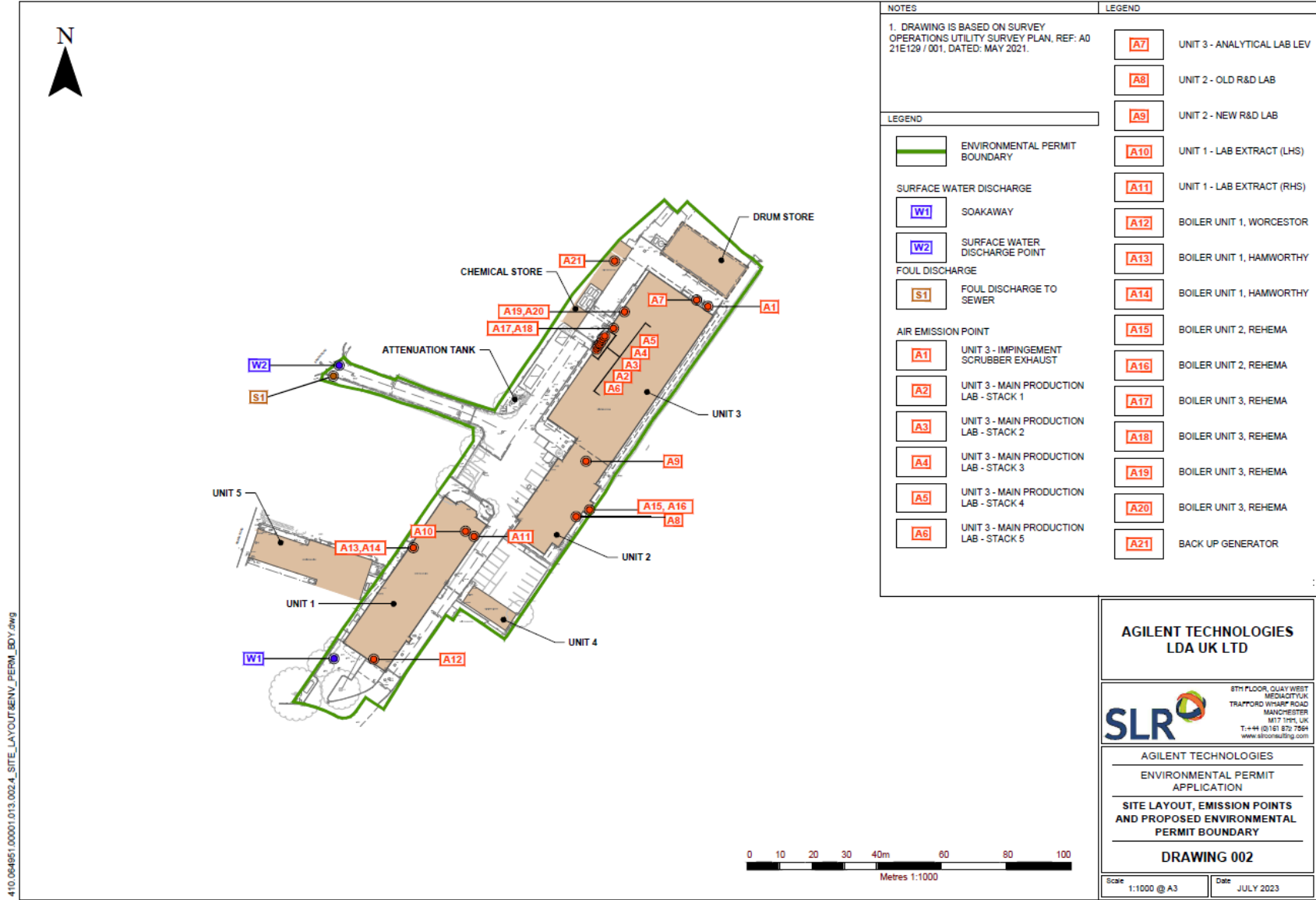
- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content
- “year” means calendar year ending 31 December.

Schedule 7 – Site plan



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Emission points plan



END OF PERMIT

Emissions to Air Reporting Form

Permit number: EPR/KP3320LH

Operator: Agilent Technologies LDA UK Limited

Facility name: Church Stretton Science Park

Emissions to Air Reporting Form: version 1, 08/03/2021

Reporting of emissions to air for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method ¹	Result ²	Sample dates and times ³	Uncertainty ⁴
<i>[e.g. A1]</i>	<i>[e.g. Oxides of nitrogen (NO and NO₂ expressed as NO₂)]</i>	<i>[e.g. 200 mg/m³]</i>	<i>[e.g. daily average]</i>	<i>[e.g. BS EN 14181]</i>	<i>[State result]</i>	<i>[State relevant dates and time periods]</i>	<i>[State uncertainty if not 95% confidence interval]</i>

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your monitoring results.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

- ¹ Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.
- ² Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.
- ³ For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.
- ⁴ Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

Emissions to Sewer Reporting Form

Permit number: EPR/KP3320LH

Operator: Agilent Technologies LDA UK Limited

Facility name: Church Stretton Science Park

Emissions to Sewer Reporting Form: version 1, 08/03/2021

Reporting of emissions to sewer for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method ¹	Result ²	Sample dates and times ³	Uncertainty ⁴
<i>[e.g. S1]</i>	<i>[e.g. Total suspended solids]</i>	<i>[e.g. 30 mg/l]</i>	<i>[e.g. For 95% of all measured values of periodic samples taken over one month]</i>	<i>[e.g. BS EN 872:2005]</i>	<i>[State result]</i>	<i>[State relevant dates and time periods]</i>	<i>[State uncertainty if not 95% confidence interval]</i>

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method ¹	Result ²	Sample dates and times ³	Uncertainty ⁴

Signed: *[Name]*Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your monitoring results.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

¹ Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.

² Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.

³ For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.

⁴ Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

Water Usage Reporting Form

Permit number: EPR/KP3320LH

Operator: Agilent Technologies LDA UK Limited

Facility name: Church Stretton Science Park

Water Usage Reporting Form: version 1, 08/03/2021

Reporting of water usage for the year [YYYY]

Water source	Water usage (m ³)	Specific water usage (m ³ /unit) ²
Mains water	<i>[insert annual usage in m³ where mains water is used]</i>	<i>[insert annual usage in m³/unit where mains water is used]</i>
Site borehole	<i>[insert annual usage in m³ where water is used from a site borehole]</i>	<i>[insert annual usage in m³/unit where water is used from a site borehole]</i>
River abstraction	<i>[insert annual usage in m³ where abstracted river water is used]</i>	<i>[insert annual usage in m³/unit where abstracted river water is used]</i>
Other – <i>[specify other water source where applicable. Add extra rows where needed]</i>	<i>[insert annual usage in m³ where applicable]</i>	<i>[insert annual usage in m³/unit where applicable]</i>
Total water usage	<i>[insert total annual water usage in m³]</i>	<i>[insert total annual water usage in m³/unit]</i>

Operator's comments

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your annual water usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

Energy Usage Reporting Form

Permit number: EPR/KP3320LH

Operator: Agilent Technologies LDA UK Limited

Facility name: Church Stretton Science Park

Energy Usage Reporting Form: version 1, 08/03/2021

Reporting of energy usage for the year [YYYY]

Energy source	Energy consumption / production (MWh)	Specific energy consumption (MWh/unit) ²
Electricity imported as delivered - source [specify source, e.g. supplied from the national grid]	<i>[insert annual consumption in MWh where electricity is imported]</i>	<i>[insert annual consumption in MWh/unit where electricity is imported]</i>
Electricity imported as primary energy 1 – conversion factor of [specify conversion factor used to convert electricity delivered to primary energy]	<i>[insert annual consumption in MWh where electricity is imported]</i>	<i>[insert annual consumption in MWh/unit where electricity is imported]</i>
Natural gas	<i>[insert annual consumption in MWh where natural gas is used]</i>	<i>[insert annual consumption in MWh/unit where natural gas is used]</i>
Gas oil – conversion factor of [specify conversion factor used to convert tonnes to MWh]	<i>[insert annual consumption in MWh where gas oil is used]</i>	<i>[insert annual consumption in MWh/unit where gas oil is used]</i>
Imported heat	<i>[insert annual consumption in MWh where heat is imported]</i>	<i>[insert annual consumption in MWh/unit where heat is imported]</i>
Other – <i>[specify other energy source and conversion factors where applicable, e.g. renewable fuel. Add extra rows where needed]</i>	<i>[insert annual consumption in MWh where applicable]</i>	<i>[insert annual consumption in MWh/unit where applicable]</i>
Electricity exported	<i>[insert annual production in MWh where electricity is exported]</i>	Not applicable
Heat exported	<i>[insert annual production in MWh where heat is exported]</i>	Not applicable

Operator's comments**Signed:** *[Name]***Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your annual energy usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

¹ Multiply delivered electricity by 2.4 to convert to primary energy where the electricity is supplied from the national grid. If the electricity is supplied from another source, specify the conversion factor used. Add additional rows as needed if electricity is imported from multiple sources.

² Divide energy consumption by an appropriate unit of raw material processed or product output.