

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Jaguar Land Rover Limited

Land Rover Works Solihull
Lode Lane
Solihull
West Midlands
B92 8NW

Variation application number

EPR/DP3330NX/V004

Permit number

EPR/DP3330NX

Land Rover Works Solihull

Permit number EPR/DP3330NX

Introductory note

This introductory note does not form a part of the notice

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Changes introduced by this variation notice/statutory review

Schedule 1 of the notice specifies the conditions that have been added and varied and schedule 2 comprises a consolidated permit which reflects the variations being made. Only the variations specified in schedule 1 are subject to a right of appeal.

This Variation

The permit has been reviewed against the requirements of the Medium Combustion Plant Directive (MCPD) for 2025, and relevant conditions and monitoring requirements have been added. The MCP are four existing boilers with two of 16.46 MW thermal input and two boilers of 10.11 MWth. There are also two CHP generators of 3.88 MWth each (i.e. between 1 and 5 MWth), which the operator has decided not to permit early. They have not been included in this permit review. All plant are fuelled on natural gas.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Application BV3073IE	Duly made 31/03/06	Application for Operation of boilers and CHP plant.
Permit determined BV3073IE	11/12/06	Original permit issued to Land Rover
Application EPR/BV3073IE/V002 (QP3730UH)	20/02/07	Table S4.1 - point source emission to air; Table S5.4 – Reporting forms and Schedule 7 – Interpretation amended.
Variation Determined EPR/BV3073IE/V002 (QP3730UH)	08/08/07	
Application EPR/BV3073IE/V003 (GP3035XQ)	21/12/07	Variation to reduce emission monitoring period for periodic monitoring from 4 hours to 1 hour.
Variation Determined EPR/BV3073IE/V003 (GP3035XQ)	20/06/08	
Application EPR/DP3330NX/T001 (full transfer of permit EPR/ BV3073IE)	Duly made 09/04/13	Application to transfer the permit in full to Jaguar Land Rover Limited.

Status log of the permit		
Description	Date	Comments
Transfer determined EPR/DP3330NX	10/05/13	Full transfer of permit complete.
Part surrender application EPR/DP3330NX/S002	Duly made 06/01/14	Application to surrender combustion plant in South Works boiler house and East Works boiler house.
Part surrender application determined EPR/DP3330NX/S002	29/01/14	Part surrender of permit complete.
Variation application EPR/DP3330NX/V003	Duly made 02/01/13	Application to vary permit to remove four combined heat and power units and install two new units.
Variation and consolidation determined EPR/DP3330NX/V003	06/02/14	Varied and consolidated permit issued in modern format.
Application EPR/DP3330NX/V004 (variation and consolidation)	Regulation 61 Notice response received 09/12/24	Environment Agency initiated variation and consolidation following Medium Combustion Plant permit review.
Variation determined and consolidation issued EPR/DP3330NX/V004	13/05/2025	Varied and consolidated permit issued.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/DP3330NX

Issued to

Jaguar Land Rover Limited (“the operator”)

whose registered office is

Abbey Road

Whitley

Coventry

CV3 4LF

company registration number 01672070

to operate a regulated facility at

Land Rover Works Solihull

Lode Lane

Solihull

West Midlands

B92 8NW

to the extent set out in the schedules.

The notice shall take effect from 13/05/2025.

Name	Date
Beccy Brough	13/05/2025

Authorised on behalf of the Environment Agency

Schedule 1

The following conditions were added as a result of an Environment Agency initiated variation:

- Condition 2.3.5 has been added addressing the operation of the MCP plant.
- Condition 3.5.5 has been added that refers to the requirements of monitoring measurements.
- Condition 3.5.6 has been added that refers to the requirements of monitoring.
- Condition 4.1.3 has been added that sets out the requirement for the recording of type and quantity of fuel used and the total annual operating hours of the MCP plant.
- Condition 4.3.8 has been added that sets out the requirement of notification of any change of MCP at the specified site.

The following conditions were varied as a result of an Environment Agency initiated variation:

- In Table S1.1, as referenced by condition 2.1.1, the Activity reference section 1.1 A(1) (a) has been amended to describe the MCP plant now on site.
- Table S1.3, as referenced by condition 2.4.1, has been amended to add improvement condition IC1.
- Table S3.1, as referenced by condition 3.1.1, 3.5.1 and 3.5.5, is amended to change the emission limit values (ELVs) for emission points A1, A2, A3 and A4.
- Table S4.1, as referenced by condition 4.2.3, is amended to add the requirements for reporting for emission points A1, A2, A3 and A4.
- Table S4.3, as referenced by condition 4.2.2 and 4.3.3, is amended to reference updated reporting form for air reporting.
- Schedule 6, as referenced by condition 4.4.1, is amended to include additional interpretation relating to MCP.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/DP3330NX

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/DP3330NX/V004 authorising,

Jaguar Land Rover Limited (“the operator”),

whose registered office is

Abbey Road

Whitley

Coventry

CV3 4LF

company registration number 01672070

to operate an installation at

Land Rover Works Solihull

Lode Lane

Solihull

West Midlands

B92 8NW

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

Name	Date
Beccy Brough	13/05/2025

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 red on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 (a) 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.
- (b) 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 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.
- 2.3.2 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.3 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.
- 2.3.4 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.
- 2.3.5 For the following activity referenced in Schedule 1 Table S1.1 – Section 1.1 A(1) (a), specifically the four boilers (2 x 16.46 and 2 x 10.11 MWth)
- (a) the operator must keep periods of start-up and shut down of the combustion plant as short as possible.
- (b) there shall be no persistent emission of ‘dark smoke’ as defined in section 3(1) of the Clean Air Act 1993.

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.
- 3.4.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
 - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

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 and the environmental or other monitoring specified 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 and S3.3 unless otherwise agreed in writing by the Environment Agency.
- 3.5.5 For the following activities referenced in Schedule 1 Table S1.1 – Section 1.1 A(1) (a), specifically the four boilers (2 x 16.46 and 2 x 10.11 MWth)
- (a) For existing MCP Monitoring measurements shall be carried out within four months of the issue date of this notice.
- 3.5.6 Monitoring of MCP shall not take place during periods of start-up or shut down.

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.
- 4.1.3 The operator shall maintain a record of the type and quantity of fuel used and the total annual operating hours for each MCP.

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.
- 4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter, if during that quarter the total amount accepted exceeds 100 tonnes of non-hazardous waste or 10 tonnes of hazardous waste.

4.3 Notifications

- 4.3.1 (a) In the event 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) in the event 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;
- (b) in the event 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 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, 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:

- (b) any change in the operator's name or address; and
- (c) 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.

4.3.8 The operator shall notify the Environment Agency, as soon as is practicable, in writing of any change of MCP at the specified location.

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 “without delay”, in which case it may be provided by telephone.

Schedule 1 - Operations

Table S1.1 activities		
Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
Section 1.1 A(1)(a)	Combustion of fuel in appliances with a rated thermal input > 50 MWth comprising 4 boilers (2 x 16.46MWth and 2 x 10.11MWth). All are fuelled on natural gas.	From the receipt of natural gas to the discharge of exhaust gases.
Directly Associated Activity		
Directly associated activity	Generation of electricity	Generation of electricity using the CHP plant
Directly associated activity	Oil and chemical storage	Storage, receipt and use of oil and chemicals associated with plant maintenance.
Directly associated activity	Surface water drainage	Capture of surface water to discharge to the site surface water system.
Directly associated activity	Water treatment	From receipt of raw materials to dispatch to foul sewer.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application BV3073IE	The response to section B2.1 and B2.2 in the Application.	31/03/06
Application EPR/DP3330NX/V003	Parts C2 and C3 of the application and referenced supporting documentation including email confirming CHP unit sizes.	Duly made 02/01/14

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	The Operator shall submit a report on the opportunity to reduce NO _x emissions to ensure continuing compliance with the Emission Limit Values (ELV) in this permit. Where emissions are currently above ELV the operator shall undertake a review in accordance with the combustion plant original equipment manufacture, qualified combustion engineer and/or burner manufacture. Where emissions are not currently exceeding but are close to the ELV the review can be carried out without external support. The review shall include but not be limited to a review of air/fuel ratio, burner configurations and opportunities for burner upgrade, maintenance regimes, fuel quality and operating pattern.	Within 9 months from the date of this Notice

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels
Raw materials and fuel description
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Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air from existing or new boiler plant

Emission point ref. & location	Parameter	Source	Limit (including unit) Note 1	Reference period	Monitoring frequency	Monitoring standard or method
A1 [Point A1 on site plan in schedule 7]	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	North Works Boiler NB1 fired on natural gas.	200mg/m ³	Periodic over minimum 1 hour period	Bi-annual	BS EN 14792
A1 [Point A1 on site plan in schedule 7]	Carbon monoxide		50mg/m ³	Periodic over minimum 1 hour period	Bi-annual	BS EN 15058
A2 [Point A2 on site plan in schedule 7]	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	North Works Boiler NB2 fired on natural gas.	200mg/m ³	Periodic over minimum 1 hour period	Bi-annual	BS EN 14792
A2 [Point A2 on site plan in schedule 7]	Carbon monoxide		50mg/m ³	Periodic over minimum 1 hour period	Bi-annual	BS EN 15058
A3 [Point A3 on site plan in schedule 7]	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	North Works Boiler NB3 fired on natural gas.	200mg/m ³	Periodic over minimum 1 hour period	Bi-annual	BS EN 14792
A3 [Point A3 on site plan in schedule 7]	Carbon monoxide		50mg/m ³	Periodic over minimum 1 hour period	Bi-annual	BS EN 15058
A4 [Point A4 on site plan in schedule 7]	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	North Works Boiler NB4 fired on natural gas.	200mg/m ³	Periodic over minimum 1 hour period	Bi-annual	BS EN 14792
A4 [Point A4 on site plan in schedule 7]	Carbon monoxide		50mg/m ³	Periodic over minimum 1 hour period	Bi-annual	BS EN 15058
A14 [Point A14 on site plan in schedule 7]	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	<50 MW CHP plant fired on natural gas	500mg/m ³	Periodic over minimum 1 hour period	Bi-annual	BS EN 14792
A14 [Point A14 on site plan in schedule 7]	Carbon monoxide	<50 MW CHP plant fired on natural gas	1000mg/m ³	Periodic over minimum 1 hour period	Bi-annual	BS EN 15058
A15 [Point A15 on site plan in schedule 7]	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	<50 MW CHP plant fired on natural gas	500mg/m ³	Periodic over minimum 1 hour period	Bi-annual	BS EN 14792
A15 [Point A15 on site plan in schedule 7]	Carbon monoxide	<50 MW CHP plant fired on natural gas	1000mg/m ³	Periodic over minimum 1 hour period	Bi-annual	BS EN 15058

Note 1: See reference conditions contained in 'schedule 6 – interpretation'.

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 on site plan in schedule 7 emission to Hatchford brook	No parameters set	Uncontaminated surface water run-off	-	-	-	-

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	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
S1 on site plan in schedule 7, emission from North Works Boiler House	No parameters set	Boiler blowdown & system purge	-	-	-	Permanent sampling access not required

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
Emissions to air Parameters as required by condition 3.5.1.	A14 and A15	Annual	1 January
Emissions to air (MCP) Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	A1, A2, A3 and A4	Annual	1 January
Emissions to air (MCP) Carbon monoxide	A1, A2, A3 and A4	Annual	1 January

Table S4.2 Annual production/treatment	
Parameter	Units
Heat produced per m ³ of gas used	MWh _{th}
Electricity produced per m ³ of gas used	MWh _e

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	m ³
Total mass release of oxides of nitrogen	Annually	tonnes
Total mass release of carbon monoxide	Annually	tonnes

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
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
Water usage	Form water usage 1 or other form as agreed in writing by the Agency	06/02/14
Energy usage	Form energy 1 or other form as agreed in writing by the Agency	06/02/14
Other performance indicators	Form performance 1 or other form as agreed in writing by the Agency	06/02/14

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	
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	
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.

“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.

“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.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 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.

“existing medium combustion plant” means an MCP in operation before 20 December 2018.

“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.

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

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

“medium combustion plant” or “MCP” means a combustion plant with a net rated thermal input equal to or greater than 1 MW but less than 50 MW.

“Medium Combustion Plant Directive” or “MCPD” means Directive 2015/2193/EU of the European Parliament and of the Council on the limitation of emissions of certain pollutants into the air from medium combustion plants, into the air from medium combustion plants, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“operating hours” means the time, expressed in hours, during which a combustion plant is operating and discharging emissions into the air, excluding start-up and shut-down periods.

“year” means calendar year ending 31 December.

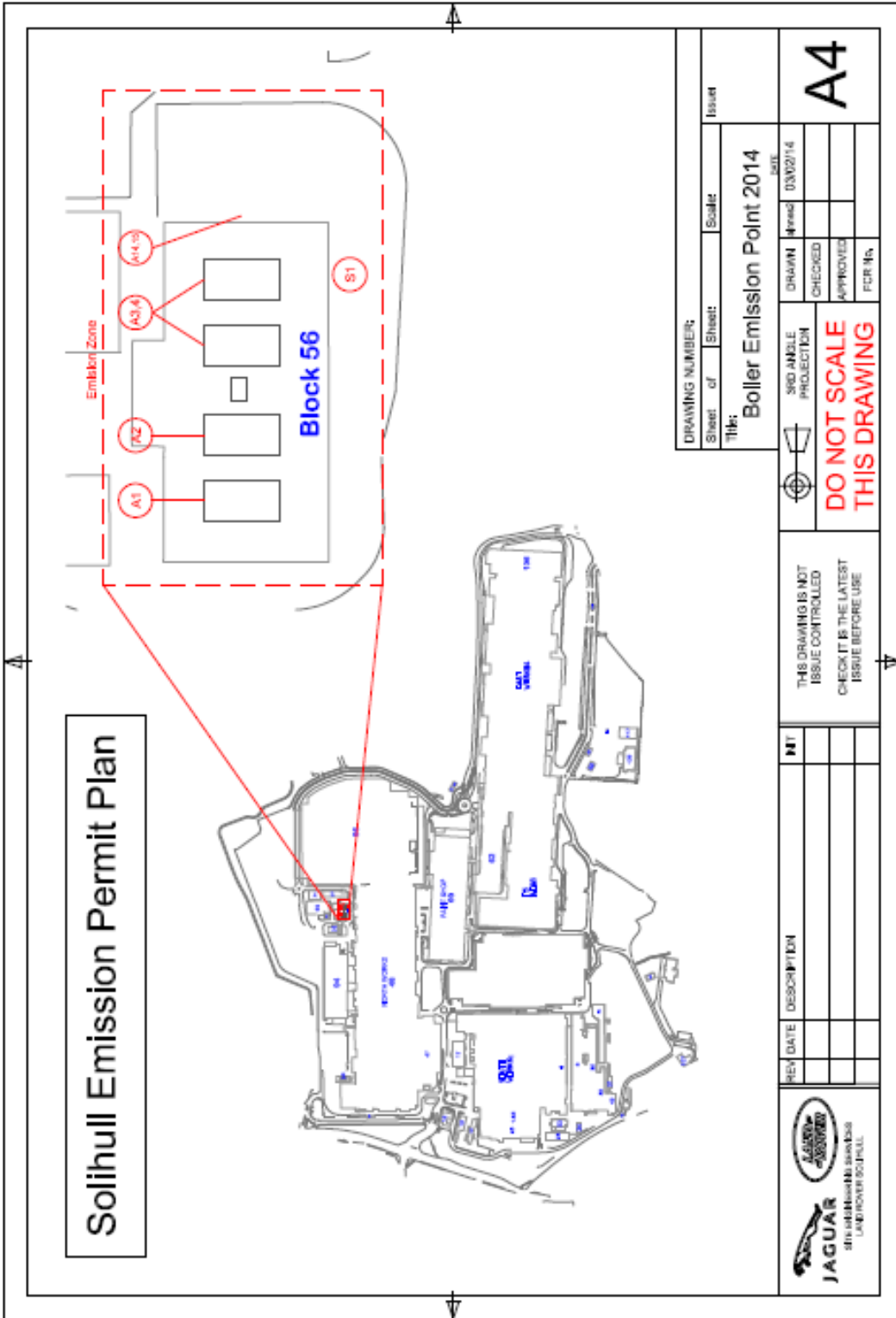
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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

- a) 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.
- b) 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.
- c) In relation to emissions from spark ignition engines, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 5% dry for liquid and gaseous fuels;

- d) In relation to emissions from compression ignition engines, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 15% dry for liquid and gaseous fuels.

Schedule 7 - Site plan



DRAWING NUMBER:		Scale:		Issue:	
Sheet of	Sheet:				
Title:		Boiler Emission Point 2014		DATE	
				DRAWN: 03/02/14	
				CHECKED:	
				APPROVED:	
				FCR No:	
				A4	

		SIG. TABLE PROJECTION
	DO NOT SCALE THIS DRAWING	

THIS DRAWING IS NOT ISSUE CONTROLLED CHECK IT IS THE LATEST ISSUE BEFORE USE	MT
REV. DATE	DESCRIPTION

 JAGUAR BRILLIANT BUSINESS LANDROVER SCHOOL	 LAWRENCE ASSOCIATES
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END OF PERMIT