



Environmental Agency

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Permit with introductory note

Pollution Prevention and Control Regulations 2013

ES Limited
206-210 Main Street
Gibraltar
GX11 1AA

Permit number PPC 006/V1 (Transfer of PPC 004)

North Mole Power Plant

Permit number PPC 006/V1

Introductory note

This introductory note does not form a part of the notice.

The main features of the permit are as follows:

The Power Plant is located at the northern end of Gibraltar along the North Mole breakwater on previously reclaimed land. It occupies an area of approximately one hectare. Electricity will be generated by six engines, three of which will be dual-fuel diesel and natural gas and the other three will be fired on natural gas only. The Installation operates continuously, it has a full load electrical capacity output of 81MW, however, the actual output will be determined by the demand on the Gibraltar energy system typically between 16 and 42MW. At any given time during normal operation, only four of the six engines and generating sets will be operating. The two off-line engines will remain on standby to enable operating units to be taken out of service for planned maintenance and to provide continuity of supply in the event of unscheduled breakdowns. Each Generator is housed in an individual container enclosure, they are fully air cooled. The exhaust gases are discharged via a flue within a chimney stack at a height of 25m. Selective catalytic reduction (SCR) is installed to greatly reduce the emissions of Oxides of Nitrogen (NO_x) into the air. SCR uses Urea solution as the catalytic reduction agent which will be stored in an onsite receiving tank with integral pumping system. The site has a surface water drainage system equipped with grease and oil interceptor traps.

Liquefied Natural Gas is stored off-site and is supplied to the Installation from an adjacent Facility operated by others, via a dedicated pipeline. Diesel for the three dual-fuel engines will be stored onsite. Diesel is only used for start-up and abnormal conditions.

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 EPR/RP3331DC/A001	Duly made 17/05/2017	Application for 81MW thermal input Power Station
Additional information received	17/05/2017	Response to Not Duly Made Notice issued on 10/03/2017.
Permit determined 004	27/06/18	Permit issued to Bouygues Energies & Services.
Permit PPC 004 transferred – Permit number now registered as PPC 006/V1	12/01/2021	Permit transferred to ES Ltd

Other installation permits relating to this installation		
Operator	Permit number	Date of issue
Gasnor	PPC 005	20/07/18

End of introductory note

Permit

Pollution Prevention and Control Regulations 2013

Permit number

PPC 006/V1

The Environmental Agency hereby authorises, under regulation 14 of the Pollution Prevention and Control Regulations 2013

ES Ltd (“the operator”),

whose registered office is

ES Limited

206-210 Main Street

Gibraltar

GX11 1AA

Business Registration Number 111430

to operate an installation at

North Mole Power Plant

Mons Calpe Road

Gibraltar

GX11 1AA

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

Name	Date
Christopher Segovia – Chief Environmental Health Officer	12/01/21

Authorised on behalf of the Environmental 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) take appropriate measures to ensure the efficiency of energy generation at the permitted installation is maximised;
- (c) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and

The results shall be reported to the Agency within 2 months of each review, including where there has been no change to the original assessment in respect of the above factors.

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;

- (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.

1.5 Multiple operator installations

- 1.5.1 Where the operator notifies the Environmental Agency under condition 4.3.1 (a) or 4.3.1 (c), the operator shall also notify without delay the other operator of the installation of the same information.

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, which is within the area edged in green on the site plan that represents the extent of the installation covered by this permit and that of the other operator of the installation.

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 Environmental Agency.
- 2.3.2 If notified by the Environmental Agency that the activities are giving rise to pollution, the operator shall submit to the Environmental 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 Environmental 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 Environmental Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environmental Agency, the operator shall notify the Environmental 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.
- 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 Environmental Agency that the activities are giving rise to pollution, submit to the Environmental 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 Environmental 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 Environmental 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 Environmental Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environmental 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 Environmental 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 Environmental 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 Environmental Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environmental 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 Environmental Agency.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environmental Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
 - (a) point source emissions specified in tables S3.1;
 - (b) process monitoring specified in table S3.2.
- 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 continuous), 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 Environmental 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 unless otherwise agreed in writing by the Environmental 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 Environmental Agency, for at least 6 years from the date when the records were made.
- 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 Environmental Agency.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environmental Agency using the contact details supplied in writing by the Environmental Agency.
- 4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environmental Agency by 31 January (or other date agreed in writing by the Environmental 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;
 - (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 Environmental 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 Environmental 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 Environmental 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 Environmental 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 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 Environmental 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 Environmental Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environmental Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environmental 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:
- (c) any change in the operator's name or address; and
 - (d) any steps taken with a view to the dissolution of the operator.
- In any other case:
- (e) the death of any of the named operators (where the operator consists of more than one named individual);
 - (f) any change in the operator's name(s) or address(es); and
 - (g) 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 Environmental 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 Environmental Agency shall be given at least 14 days' notice before implementation of any part of the site closure plan.

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 listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
Section 1.1 A(1) (a)	Burning any fuel in an appliance with a rated thermal input of 50 megawatts or more using six 32MW thermal input, spark ignition, gas engines, with a combined thermal input of 190MW.	From receipt of natural gas to discharge of exhaust gases, and the generation of electricity for export to the Gibraltar electricity distribution network. Operation of any engine(s) under normal operating conditions are to be fuelled by natural gas only. Three of the six installed generating units are dual-fuel engines which may only operate on diesel fuel during plant start-up.
Directly Associated Activity		
	Diesel and Oil storage	From receipt of raw materials to dispatch for use.
	Surface water drainage	Handling and storage of site drainage until discharge to the site surface water system.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The following Sections of the application document in response to section 3a – technical standards, Part B3 of the application form. Section B2.5c Non-technical Summary, B2.6 Environmental Risk Assessment, B3.2 Emissions to Air, Water and Land, B3.3a Operating Techniques, B3.3b General Requirements – Emissions Control and Abatement, B3.6 Waste Recovery and Disposal, B3.4a Monitoring.	Duly made 17/05/2017
Schedule 5 Notice Request dated 10/03/2017	Response to questions 3 & 4 Site Plans.	17/05/2016

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC01	<p>Following the commissioning of the plant, the operator shall submit a report to the Environmental Agency, detailing the outcome of the commissioning programme. The report shall include:</p> <ul style="list-style-type: none"> • The confirmation of the energy efficiency information provided in the application and; • Identification of any changes to the operating techniques provided in the application. 	Completed
IC02	<p>The operator shall submit a written report to the Environmental Agency for approval, describing the results of a noise survey carried out at the site and at sensitive receptors following the plant commissioning. The report, which shall include night time and weekend monitoring, shall identify locations, time, frequency and method of monitoring employed during the noise survey.</p> <p>Following the submission of the report, the operator shall submit an amended Noise Management Plan together with proposals and timescales for the implementation of appropriate noise mitigation measures (if required) to ensure that site noise levels are not significantly above background levels. The proposals for noise mitigation shall be in accordance with the Technical Guidance Note IPPC H3 Part 2. The proposals shall be implemented by the operator from the date of approval in writing by the Environmental Agency subject to any amendments or additions as notified by the Environmental Agency.</p>	<p>Within 6 months of permit transfer</p> <p>Within 7 months of permit transfer</p>
IC03	<p>The Operator shall establish the methane emissions from the engines and compare these to the manufacturer's specification and appropriate benchmark level as agreed in writing with the Environmental Agency.</p> <p>Based on the conclusions of this assessment the Operator shall propose an appropriate proposal to assess potential methane slip for the lifespan of the engines and outline an action plan that will be followed in the instance that emissions above the manufacturer's specification or appropriate benchmark level are identified.</p> <p>The result of the assessment and the proposed action plan shall be submitted in writing to the Environmental Agency for approval.</p>	Within 6 months of permit transfer

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC04	<p>The Operator shall establish emissions of carbon monoxide and formaldehyde from the engines.</p> <p>Using this information, an assessment of the impacts of carbon monoxide emissions and possible impacts of formaldehyde should be undertaken in line with the UK Environment Agency H1 guidance or equivalent methodology. A review of the emission levels in comparison to the relevant benchmark levels shall also be carried out. A written report detailing the findings of the assessment of the emissions, predicted impacts and the review in comparison to the relevant benchmarks should be submitted to the Environmental Agency for approval.</p>	Within 6 months of Permit transfer

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Diesel	< 0.1% sulphur content.

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air from spark ignition engines – emission limits and monitoring requirements.

Emission point ref. & location	Parameter	Source	Limit (including unit)-these limits do not apply during start up or shut down.	Reference period	Monitoring frequency	Monitoring standard or method
Gas engines A1.1, A1.2 & A1.3 and Dual Fuel Engines A2.1, A2.2 & A2.3 as shown on site plan in schedule (NO and NO ₂ expressed as NO ₂)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	Individual engine exhaust stacks.	50mg/m ³	Daily Average	Continuous Measurement	BS EN 14181 and BS EN 15267-3
			100mg/m ³	½ hour Average	Continuous Measurement	BS EN 14181 and BS EN 15267-3
	Particulate Matter (PM ₁₀)		10mg/m ³	Daily Average	Continuous Measurement	BS EN 14181 and BS EN 15267-3
	Carbon Monoxide		100mg/m ³	Daily Average	Continuous Measurement	BS EN 14181 and BS EN 15267-3
	Oxygen		No limit set	Periodic	Continuous Measurement	BS EN 14789
	Water Vapour		No limit set	Periodic	Continuous Measurement	BS EN 14790
	Sulphur Dioxide		No limit set	Periodic	Annually	By calculation method as agreed in writing with the Environmental Agency.

Table S3.2 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
A1, A2, as shown on site plan in schedule 7	Beginning and end of operation periods of individual engines	continuous	Engine performance parameters	Record the time of day and duration of operation of each engine.
	Total operating hours	Continuous	Engine performance parameters	Total hours of operation in one year.

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	A1, A2, on site plan in schedule 7	Annually	1 January
Process monitoring requirements as required by condition 3.5.1	A1, A2, on site plan in schedule 7	Every 6 months	1 January and 1 July

Table S4.2: Annual production/treatment	
Parameter	Units
Power generated	MWhr

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³ /MWh _e generated
Energy usage	Annually	Total energy used/MWh _e generated
Engine operating hours	Annually	hours
Oil changes	Annually	MWh _e generated between oil changes

Table S4.4 Reporting Forms			
Media/ parameter	Reporting format	Agency recipient	Date of form
Air	Form Air 01 or other form as agreed in writing by the Environmental Agency	Environmental Agency	07/07/17
Water usage	Form water usage 01 or other form as agreed in writing by the Environmental Agency	Environmental Agency	07/07/17
Energy usage	Form energy 01 or other form as agreed in writing by the Environmental Agency	Environmental Agency	07/07/17
Other performance indicators	Form performance 01 or other form as agreed in writing by the Environmental Agency	Environmental Agency	07/07/17
Gas engine operating hours	Form operational engine hours or other form as agreed in writing by the Environmental Agency	Environmental Agency	07/07/17

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	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
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.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application.

“authorised officer” means any person authorised by the Environmental Agency.

“PPC Regulations” means Pollution Prevention and Control Regulations 2013 (LN. 2013/042) and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions to land” includes emissions to groundwater.

“Energy efficiency” the annual net plant energy efficiency means the value calculated from the operational data collected over the year..

“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 or background concentration 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.

“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 UK Environment Agency’s Monitoring Certification Scheme.

“MCR” means maximum continuous rating.

“MSDL” means minimum shut-down load as defined in Implementing Decision 2012/249/EU.

“MSUL” means minimum start-up load as defined in Implementing Decision 2012/249/EU.

“Natural gas” means naturally occurring methane with no more than 20% by volume of inert or other constituents.

“ncv” means net calorific value.

“operational hours” are whole hours commencing from the first unit ending start up and ending when the last unit commences shut down.

Pests” means Birds, Vermin and Insects.

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

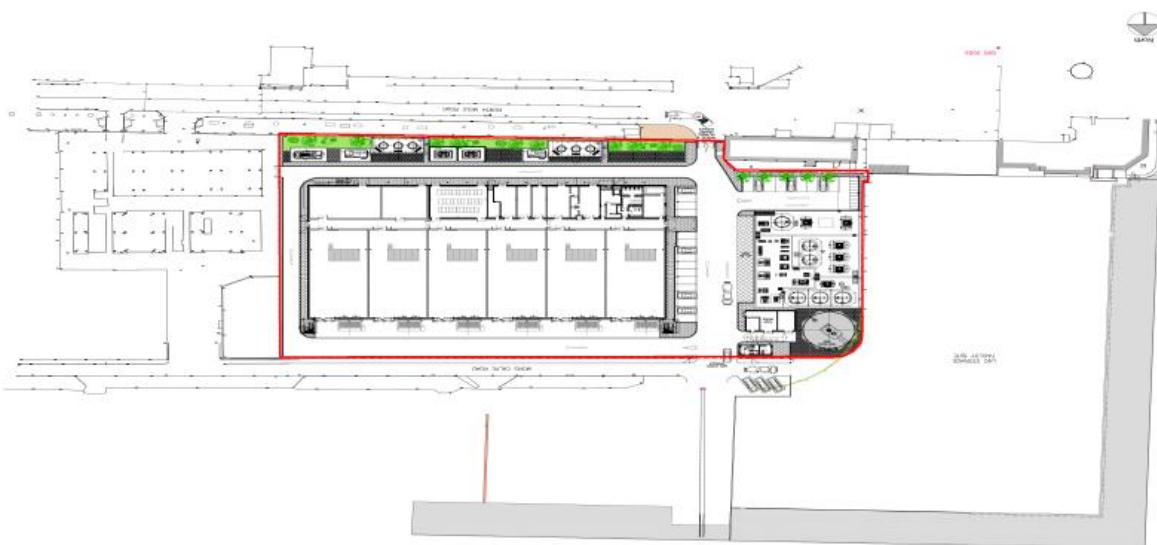
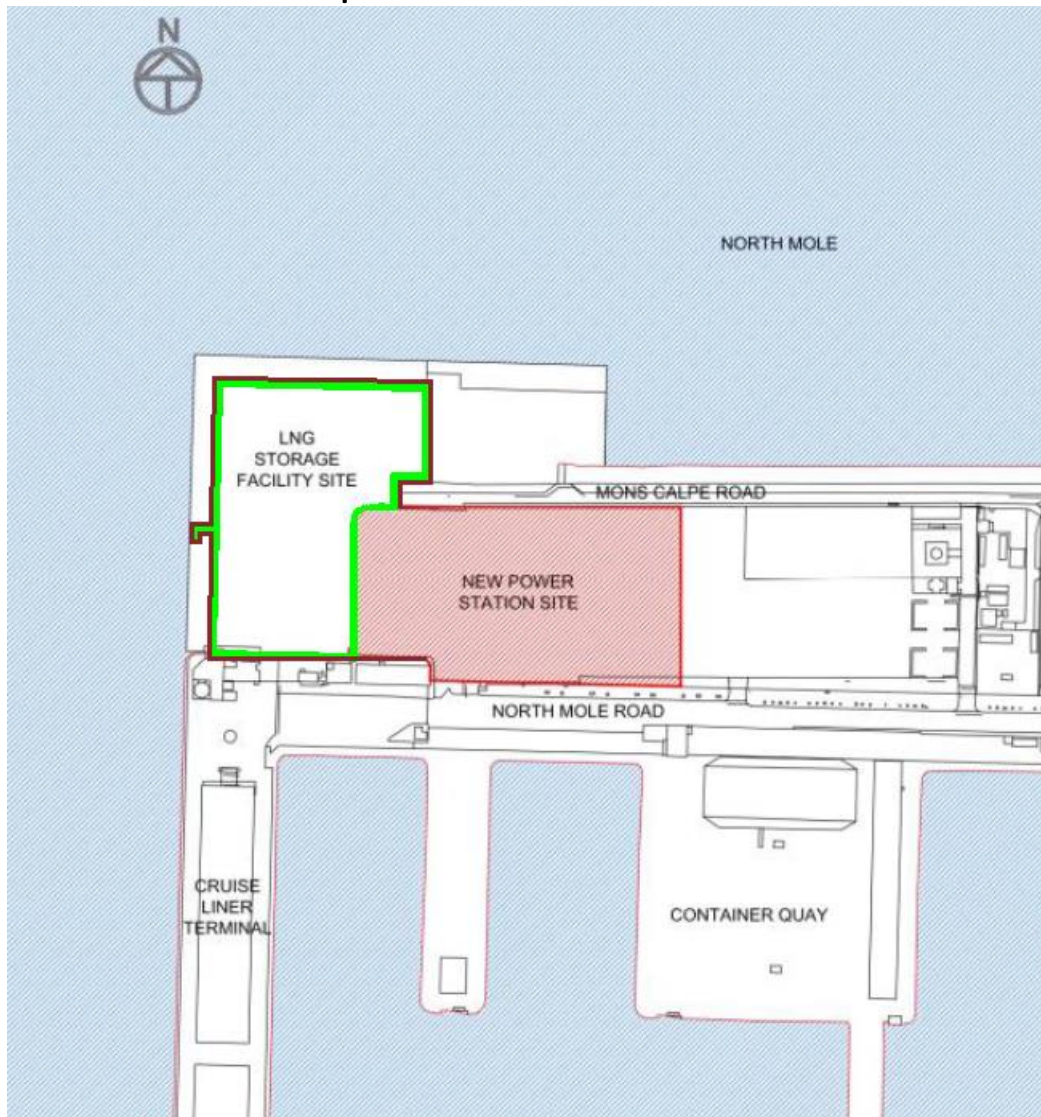
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

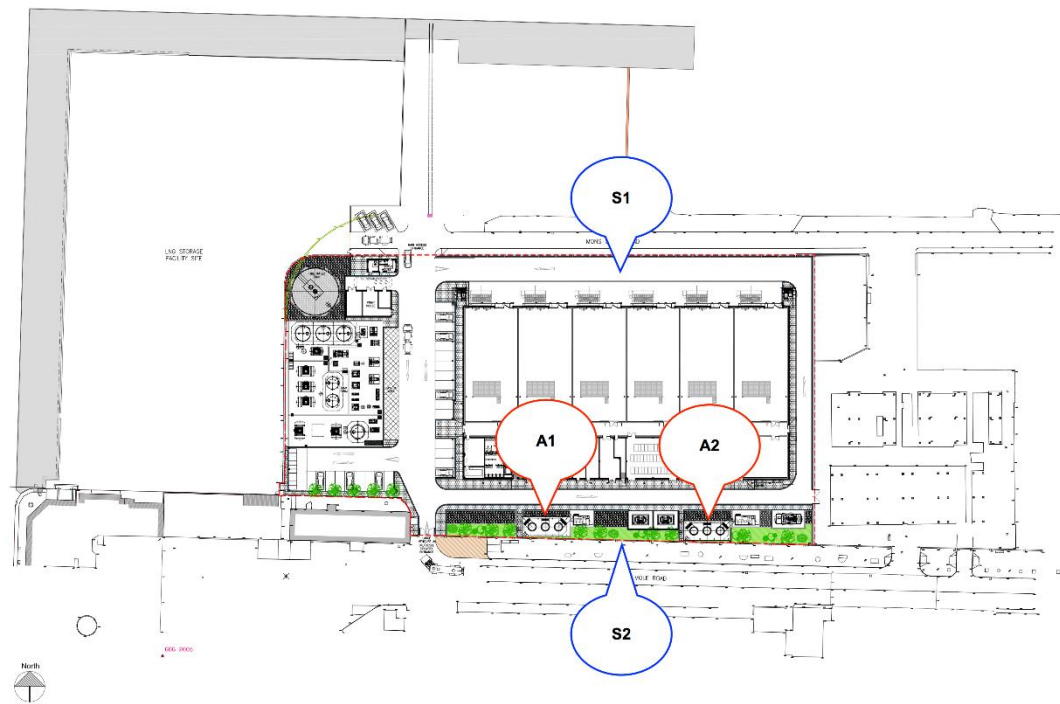
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- (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 15% dry for liquid and gaseous fuels, and/or
- (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.

“year” means calendar year ending 31 December.

Schedule 7 – Site plan





End of Permit