

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Electrical Oil Services Limited

Ellesmere Port Transformer Oil Regeneration Plant
Bridges Road
Stanlow
Ellesmere Port
Cheshire
CH65 4WD

Variation application number

EPR/ZP3538MQ/V003

Permit number

EPR/ZP3538MQ

Ellesmere Port Transformer Oil Regeneration Plant

Permit number EPR/ZP3538MQ

Introductory note

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

Under the Environmental Permitting (England & Wales) Regulations 2010 (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.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made.

This variation authorises the following.

- Operation of a plant to remove polychlorinated biphenyls (PCBs) from oils.
- An amendment to monitoring parameters, emission limit values (ELVs) and monitoring techniques for emissions from the main stack A1.
- Addition of a new emission point to sewer at emission point S1.
- An amendment to improvement condition IC8 requiring the operator to produce a site containment plan with a timescale for its implementation.

The new PCB plant is designed to treat a maximum of 25,000 litres of used transformer oil (UTO) contaminated with PCBs over a 24 hour period. The reactor capacity is 2,500 litres. The PCB plant uses a chemical reaction to break down PCBs into safer non persistent chemicals to allow regeneration of the oil. The process is carried out at temperatures of 100 to 120°C. The plant generates a small output of hot air during the reaction which will be scrubbed using activated carbon filters and discharged via a new emission point A6. An improvement condition has been added to the permit requiring monitoring of PCBs post commissioning of the PCB plant.

The reactor is fitted with an inspection window, two level gauges controlling the oil level within the reactor and one safety level gauge.

Emission point A6 will be monitored monthly for the first three months for PCBs and then annually or as agreed in writing with the Environment Agency.

The monitoring parameters for emissions from the main stack (emission point A1) have been amended. The ELV for total volatile organic compounds (VOCs), hydrogen fluoride, hydrogen chloride and metals have been removed from the permit. The ELV for dioxins and furans has been amended. Monitoring for benzene with an associated ELV has been added to the permit for A1. An improvement condition has been added to the permit requiring monitoring of oil mist from emission point A1.

Previously, process effluent and surface run off were discharged to sewer via an adjoining site. This service is no longer available and therefore the site will now discharge directly to sewer. There will be no change in the composition or volume of effluent.

Any water which accumulates in bunds will be pumped with surface water for removal of oil via an oil interceptor. This will be discharged along with a small volume of cooling tower water via a trade effluent consent to the Waste Water Treatment Works at Little Stanney. An onsite balancing tank is available to provide additional capacity for times of high rainfall.

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 ZP3538MQ	23/04/07	
Additional information requested	05/07/07	Response received 13/07/07
Permit determined	26/10/07	
Agency variation determined EPR/ZP3538MQ/V002	23/01/14	Agency variation to implement the changes introduced by IED
Application EPR/ZP3538MQ/V003 (variation and consolidation)	Duly made 23/02/16	Application to vary and update the permit to modern conditions.
Variation determined EPR/ZP3538MQ (PAS Billing Ref: ZP3532RV)	18/05/16	Varied and consolidated permit issued in modern condition format.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

Permit number

EPR/ZP3538MQ

Issued to

Electrical Oil Services Limited (“the operator”)

whose registered office is

**Cedar Court
Guildford Road
Leatherhead
Surrey
KT22 9RX**

company registration number **03749629**

to operate an installation at

**Ellesmere Port Transformer Oil Regeneration Plant
Bridges Road
Stanlow
Ellesmere Port
Cheshire
CH65 4WD**

to the extent set out in the schedules.

The notice shall take effect from 18/05/2016

Name	Date
M Bischer	18/05/2016

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit EPR/ZP3538MQ/V003 as a result of an application made by the operator.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/ZP3538MQ

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/ZP3538MQ/V003 authorising,

Electrical Oil Services Limited (“the operator”),

whose registered office is

**Cedar Court
Guildford Road
Leatherhead
Surrey
KT22 9RX**

company registration number **03749629**

to operate an installation at

**Ellesmere Port Transformer Oil Regeneration Plant
Bridges Road
Stanlow
Ellesmere Port
Cheshire
CH65 4WD**

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

Name	Date
M Bischer	18/05/2016

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.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

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”).
- 2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

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 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 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.2; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 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.
- 2.3.6 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 Hazardous waste storage and treatment

- 2.4.1 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

2.5 Improvement programme

- 2.5.1 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.
- 2.5.2 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.

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.
- 4.2.5 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.

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 (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:
- (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.

4.4 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 and WFD Annex I and II operations	Limits of specified activity and waste types
S5.3A(1)(a)(ii) – Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day by physico-chemical treatment	Recovery of waste oil – R9.	From receipt of oils and other raw materials to dispatch of recovered oils. Waste types as specified in table S2.2.
S5.6A(1)(a) – Temporary storage of hazardous waste in a facility with a total capacity exceeding 50 tonnes	Storage of waste oil – D15.	From receipt of oils and other raw materials to dispatch of recovered oils. Waste types as specified in table S2.2.
Directly Associated Activity		
Boiler unit	Combustion process for the generation of hot air.	From receipt of fuel oil and heat transfer to thermal processes to emission of combustion products to air; combustion unit approximately 0.45MWTh output.
Utilities and services	Operation of systems for supply of utilities and services such as electricity.	Utilities and service systems within the installation boundary.
Control and abatement systems for emissions to air	Condensate trap and water cooled condenser.	Abatement of VOCs.
Discharges to surface water	Collection of surface water for discharge to water via interceptor.	From collection of surface water to point of entry to drainage system for final discharge to Waste Water Treatment Works.
Storage and handling of oils, and other raw materials and wastes	Storage and handling of oils, and other raw materials and wastes.	From receipt of oils and other raw materials to dispatch of recovered oils and wastes.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application ZP3538MQ	The response to sections 2.1 and 2.2 in the Application with no exclusions	23/04/2007
Schedule 4 Notice	The response to question 1 of the Schedule 4 notice.	13/07/2007
Response to CAR form ZP3538MQ/0234487 dated 05/03/2015	Site surface repairs plan status	17/03/2015
Application EPR/ZP3538MQ/V003	Parts C2 and C3 of the application and all referenced supporting documentation including: <ul style="list-style-type: none"> • Best available techniques for spillage and firewater containment (dated 02/11/2015) • Firewater and tertiary containment risk assessment (dated 05/10/2015) • Assessment for air emissions monitoring point (dated 16/11/2015) 	Duly made 23/02/2016

Table S1.2 Operating techniques		
Description	Parts	Date Received
	<ul style="list-style-type: none"> • Non-technical summary (dated 13/11/2015) • Description of proposed changes (dated 30/10/2015) 	

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>The Operator shall ensure that a review of the design, method of construction and integrity of all bunds surrounding above ground tanks be carried out by a qualified structural engineer. This shall compare existing bunds against the standards set out in Section 2.2.5 of the Sector Guidance Note S5.06, CIRIA Report 163 on the Construction of Bunds for Oil Storage Tanks with a tank capacity of <25m³ (ISBN: 0 86017 468 9), and CIRIA Report 164 on Design of Containment Systems for the prevention of water pollution from industrial incidents, for tanks with a capacity of >25m³ (ISBN: 08017 4 476X).</p> <p>The review shall include:</p> <ul style="list-style-type: none"> • the physical conditions of the bunds, • their suitability for providing containment when subjected to the dynamic and static loads caused by catastrophic tank failure, • any work required to ensure compliance with the standards set out in CIRIA Reports 163 and 164 for reinforced concrete or masonry bunds, and • suggested preventative maintenance and inspection regime. <p>A written report of the review shall be submitted to the Environment Agency detailing the reviews, findings and recommendations.</p> <p>Remedial action shall be taken to ensure all bunds meet the standards set out in the above documents and implement the maintenance and inspection regime.</p>	Superseded by IC8
IC2	<p>The Operator shall ensure that a review of the integrity of all storage tanks and site surfacing against the requirements of Sections 2.1.3 and 2.2.5 of the Sector Guidance Note S5.06 be carried out by a qualified structural engineer. The review shall identify any measures necessary to meet those requirements and propose a time scale for implementing them. A written report of the review shall be submitted to the Environment Agency detailing the reviews, findings and recommendations.</p> <p>Remedial action shall be taken to ensure all tanks and surfacing meet the standards set out in the above documents and implement the maintenance and inspection regime.</p>	Complete
IC3	<p>The Operator shall carry out an assessment of the measures that are in place to reduce the risk of a pollution incident caused by firewater, having regard for Section 2.8 of the Sector Guidance Note S5.06. The review shall include:</p> <ul style="list-style-type: none"> • consideration of the principles set out in PPG 18 – Managing Fire-water and major spillages; • identification of any improvements necessary in order to minimise the risk of a pollution incident caused by firewater, together with a timetable for their implementation. <p>A written report summarising the assessment and any necessary improvements shall be submitted to the Environment Agency for approval.</p>	Superseded by IC8
IC4	<p>The Operator shall submit proposals to the Agency for pollution prevention measures for tanks 244 4 to 2419 to 2422. The report shall include consideration of the secondary and tertiary containment</p>	Superseded by IC8

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	measures in place. The proposals shall include details and timescales of proposed improvements, and suggested frequency of future surveys.	
IC5	The Operator shall conduct further assessment of the potential for environmental impact arising from releases to air by appropriate air quality dispersion modelling, as indicated by the outputs of the H1 impact assessment. The dispersion model to be employed shall be agreed with the Agency prior to conducting the assessment and an electronic copy of the completed dispersion modelling exercise, including the input data, shall be submitted to the Agency. The dispersion model shall be accompanied by a written report which assesses the outcomes of the modelling and makes appropriate proposals for the control and reduction of releases to air, having regard to sections 2.2.1 and 3.2.1 of Sector Guidance Note S5.06.	Complete
IC6	The Operator shall review the options available for reducing the releases to air of oxides of sulphur dioxide (as SO ₂) and carbon monoxide (CO) from emission point A1 (Main stack). A written summary of the review shall be submitted to the Agency which shall include proposals for improvements together with a timetable for their implementation.	Complete
IC7	The Operator shall develop a written Site Closure Plan with regard to the requirements set out in Section 2.11 of the Agency Guidance Note IPPC S5.06. Upon completion of the plan a summary of the document shall be submitted to the Agency in writing.	Complete
IC8	<p>A scheme to provide remote containment for the bulk storage tanks shown in Schedule 7 of the permit shall be submitted to the Environment Agency for approval.</p> <p>The scheme shall include the following;</p> <ul style="list-style-type: none"> • Justification for the capacity of the remote containment system provided. This shall include the volume of the inventory stored within the primary containment, plus the allowance made for rainwater, cooling water, firefighting agents (foam) and firefighting water. The method for calculating the capacity of containment shall be carried out in accordance with section 2.9 of sector guidance note S5.06 and the relevant requirements of sections 4.3 – 4.5 of CIRIA C736. • The design of each element of the remote containment system. • A schedule of works including a timescale for construction of each element of the remote containment system. <p>On approval, the scheme shall be installed in accordance with the approved schedule of works.</p>	Within 12 months of the issue of variation ZP3538MQ/V003
IC9	<p>The operator shall monitor oil mist to establish emission levels from emission point A1 on a monthly basis for three months. The monitoring shall be carried out in accordance with Technical Guidance Note (Monitoring) M2.</p> <p>The operator shall carry out an assessment of the environmental impact of the emissions of oil mist from emission point A1. A written report detailing the assessment methodology used and findings, including a proposal for a programmed of measures to reduce the emissions and a timescale for implementation if required shall be submitted to the Environment Agency in writing for approval.</p>	Within 6 months of the issue of variation ZP3538MQ/V003
IC10	The operator shall monitor PCBs to establish emission levels from emission point A6 on a monthly basis for three months following the commissioning of the PCB plant. The monitoring shall be carried out in accordance with Technical Guidance Note (Monitoring) M2.	Within 6 months of the commissioning of the PCB plant

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p>The operator shall carry out an assessment of the environmental impact of the emissions of PCBs from emission point A6. A written report detailing the assessment methodology used and findings of the environmental impact assessment shall be submitted to the Environment Agency in writing for approval.</p> <p>The report shall also propose an emission limit value for PCBs from emission point A6 based on the results of the environmental impact assessment and a suitable monitoring regime to ensure the charcoal filter is operating correctly based on the results of the environmental impact assessment. This shall be submitted to the Environment Agency in writing for approval.</p>	

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
-	-

Table S2.2 Permitted waste types and quantities for oil storage and treatment	
Maximum quantity	30,000 tonnes per annum
Waste code	Description
13	Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)
13 03	waste insulating and heat transmission oils
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils

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
A1 [as shown on site plan in application EPR/ZP3538MQ/A001]	Main stack	Dioxins and furans	1.0 ng/m ³	In accordance with Technical Guidance Note (Monitoring) M2	Annual	In accordance with Technical Guidance Note (Monitoring) M2
		Poly chlorinated biphenyls	No limit set	In accordance with Technical Guidance Note (Monitoring) M2	Annual	In accordance with Technical Guidance Note (Monitoring) M2
		Particulate matter	50 mg/m ³	In accordance with Technical Guidance Note (Monitoring) M2	Annual	In accordance with Technical Guidance Note (Monitoring) M2
		Benzene	300 mg/m ³	In accordance with Technical Guidance Note (Monitoring) M2	Annual	In accordance with Technical Guidance Note (Monitoring) M2
		Oxides of nitrogen as NO ₂	400 mg/m ³	In accordance with Technical Guidance Note (Monitoring) M2	Annual	In accordance with Technical Guidance Note (Monitoring) M2
		Oxides of sulphur as SO ₂	500 mg/m ³	In accordance with Technical Guidance Note (Monitoring) M2	Annual	In accordance with Technical Guidance Note (Monitoring) M2

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
		Carbon monoxide	50,000 mg/m ³	In accordance with Technical Guidance Note (Monitoring) M2	Annual	In accordance with Technical Guidance Note (Monitoring) M2
A1 [as shown on site plan in application EPR/ZP3538MQ/A001]	Main stack	Oil mist	No limit set	In accordance with Technical Guidance Note (Monitoring) M2	Annual	BS EN 13284-1 with analysis based on MDHS 84
A2 [as shown on site plan in application EPR/ZP3538MQ/A001]	Hot oil burner	No parameters set	No limit set	In accordance with Technical Guidance Note (Monitoring) M2	Annual	Permanent sampling access not required
A3 [as shown on site plan in application EPR/ZP3538MQ/A001]	De-gasser exhaust	No parameters set	No limit set	-	-	-
A4 [as shown on site plan in application EPR/ZP3538MQ/A001]	Space exhaust heater	No parameters set	No limit set	-	-	-
A5 [Point A5 on site plan in application EPR/ZP3538MQ/A001]	Space exhaust heater	No parameters set	No limit set	-	-	-
A6 [Point A6 on drawing 1895/2884/NPCB/LP/02 in application EPR/ZP3538MQ/V003]	PCB plant scrubber	PCBs	Note 2	In accordance with Technical Guidance Note (Monitoring) M2	Note 2	BS EN 1948-4
Tank vents 2301 – 2305, 2333 - 2336, 2315, 2318 - 2320, 2444 - 2449, 2419 - 2422, 2307 - 2312, 2423 - 2442, 2370 - 2387, 2316 - 2317, 2337 on Appendix 7 Emission Source and Release Plan (Dec 2006)	Tanks 2333 - 2336, 2315, 2318 - 2320, 2444 - 2449, 2419 - 2422, 2307 - 2312,	No parameters set	No limit set	-	-	-

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
	2432 - 2442, 2370 - 2387, 2316 - 2317, 2337					
Note 1 Polychlorinated dibenzo dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs)						
Note 2 To be agreed in writing with the Environment Agency following the completion of improvement condition IC10						

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
Discharge point shown on drainage plan in Appendix 4 Drainage Plan (Mar 2007) of application ZP3538MQ	Site drainage	Uncontaminated surface water	No limit 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
S1 [as shown on services plan in application EPR/ZP3538MQ/V003] sewer discharge to Little Stanney Waste Water Treatment Works	Surface water runoff and cooling tower water	No parameters set	No limit set	-	-	-

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	Every 12 months	1 January
Emissions to air Parameters as required by condition 3.5.1	A6	As agreed in writing with the Environment Agency	As agreed in writing with the Environment Agency

Table S4.2 Annual production/treatment	
Parameter	Units
Waste oil receipts	tonnes
Waste oil despatches	tonnes
Product despatches	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Energy usage	Annually	MWh
Specific energy consumption per tonne product	Annually	tonne/tonne
Primary carbon dioxide per tonne product	Annually	tonne/tonne
Diesel usage	Annually	MWh

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Environment Agency	18/05/16
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	18/05/16
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	18/05/16

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.

“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.

“disposal” means any of the operations provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“emissions to land” includes emissions to groundwater.

“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.

“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.

‘hazardous substance’ means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008.

“Hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 (as amended).

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

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

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

‘PCBs’ means

- polychlorinated biphenyls
- polychlorinated terphenyls
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane
- any mixture containing any of the above mentioned substances in a total of more than 0,005 %by weight

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

“recovery” means any of the operations provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste

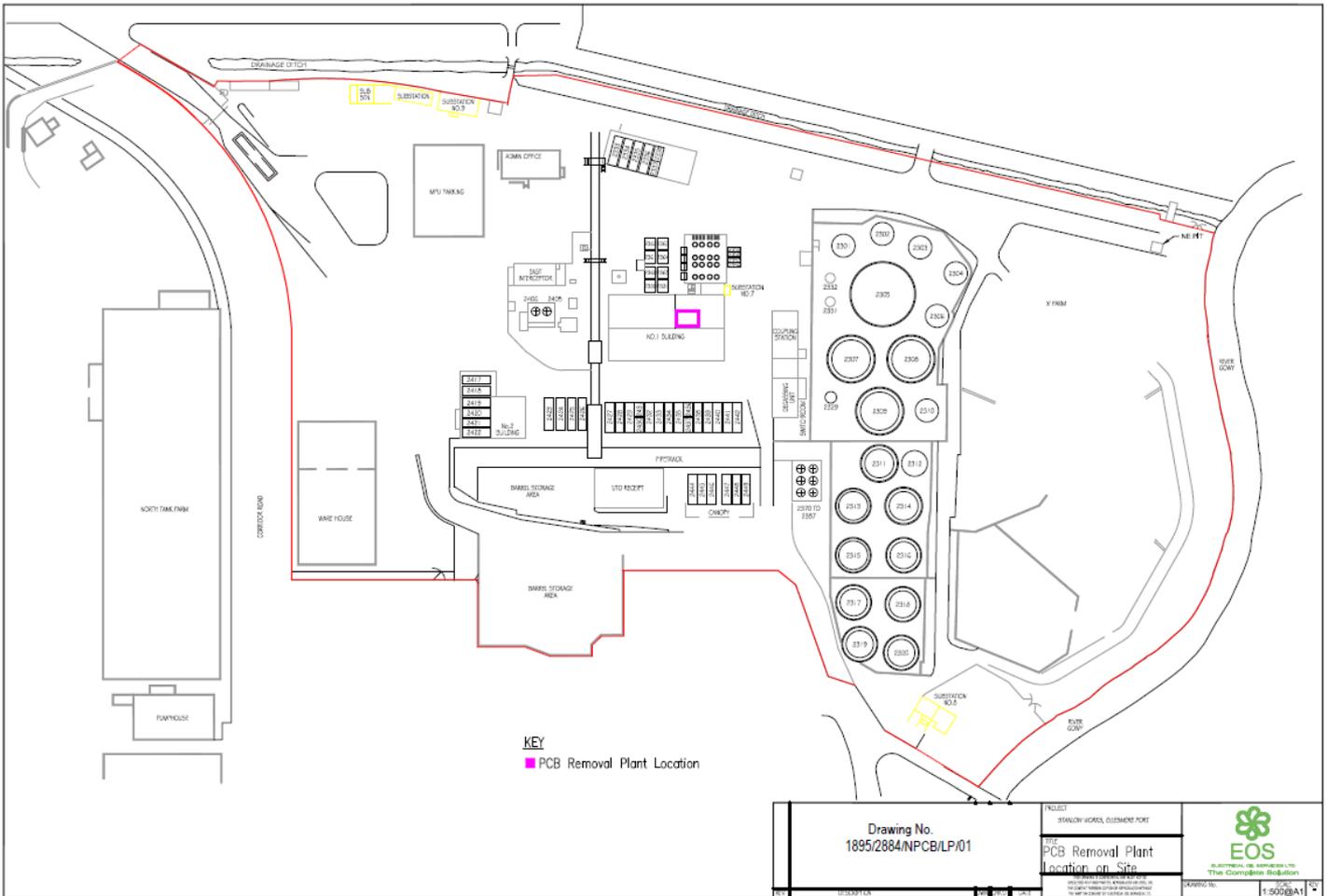
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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



END OF PERMIT