

Application to vary an environmental permit Part C3.5 – Rearing of pigs or poultry intensively in an installation with more than 40,000 places for poultry or 2,000 places for production pigs (over 30kg) or 750 places for sows



Please read this form and the guidance notes that came with it before filling the form in.

Please write clearly in the answer spaces.

If you are seeking to vary your permit to carry out any other activities that would require a permit (such as an anaerobic digester) you will need to fill in the appropriate parts of the EPR application form on our website.

If you are seeking to apply for an administrative variation only, you will need to complete form Part C0.5 only. (<http://publications.environment-agency.gov.uk/pdf/GEHO0412BUOP-E-E.pdf>)

The form can be:

1 Saved onto a computer and then filled in. Please note that the form follows a logic that means questions will open or stay closed depending on a previous answer. So you may not be able to enter text in some boxes.

2 Printed off and filled in by hand.

Please write clearly in the answer spaces.

Note: if you believe including information on a public register would not be in the interests of national security you must tick the box in section 5 of F1 or F3 and enclose a letter telling us that you have told the Secretary of State. We will not include the information in the public register unless directed otherwise.

We estimate that it will take less than three hours to fill in this form.

Where you see the term 'document reference' on the form, give the document references and send the documents with the application form when you have completed it.

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1 About you

1a Your existing permit

Permit number

SP3636MN

Operator

Albrighton Poultry Company Ltd

Name of farm

Huffley farm

Address

Broad Oak

Shrewsbury

Shropshire

Postcode

SY4 3AE

1 About you, continued

1b Applicant contact details

If the address is the same as given in answer 1a tick this box

For a registered company this needs to be completed by a person listed on record at Companies House (<http://wck2.companieshouse.gov.uk/wcframe?name=accessCompanyInfo>) as a 'current appointment' to the company.

Title (Mr, Mrs, Miss and so on)

Mr

First name

Jeremy

Last name

Jagger

Address

Pearhill

Broad Oak

Shrewsbury

Shropshire

SY4 3AF

Postcode

Contact numbers, including the area code

Phone

01939 291 081

Fax

Mobile

07976 884 589

Email

jeremy@battlefield1403.com

1c Who can we contact about your application?

If you want us to contact a consultant or an 'agent' for you or another person not named above please provide their details.

Title (Mr, Mrs, Miss and so on)

First name

Last name

Address

Postcode

Contact numbers, including the area code

Phone

Fax

Mobile

Email

2 About your proposed change

2a Have you told us already about this application?

If you have had pre-application discussions, please provide the details on a separate sheet and reference this document below.

Document reference

Appendix 01

2 About your proposed change, continued

2b Summary of proposed change

This should include a summary of the activities at the farm, a summary of the changes proposed and the key technical standards and control measures arising from your risk assessment.

Please confirm operator details are unchanged (operator name, address and, if appropriate, the registration number for registered companies).

If there are changes to the operator's address or to the registered company's name without a change to the registered company number please give details below.

Note: any changes to the identity of the operator itself (for example, change of operator registered company number) need to be the subject of a permit transfer application.

Reason for the change:

Summary of proposed change for Albrighton Poultry Company Ltd, Huffley Farm, Broad Oak, Shrewsbury, Shropshire SY4 3AE.
Permit Number SP3636MN

Operator details remain unchanged.

Operator's address and all company details remain the same.

Identity of the operator remains the same.

Activities at the farm:

Albrighton Poultry Company rears broiler chickens across 6 sheds on the site (currently 160,000 places). Other activities include dirty water storage, diesel storage, LPG storage and chemical storage.

Proposed changes:

We wish to vary our existing permit to 170,000 places.

We wish to vary our existing permit to include a-ground source heat pump (GSHP) system and associated drainage.

If you have provided this in a separate document, indicate the reference below.

Document reference

N/A

2 About your proposed change, continued

2c Type of variation

- Minor variation
Normal variation
Substantial variation*

*applies (but not limited) to all increases in animal places greater than 40,000 bird places, 2,000 production pigs over 30kg and 750 sows. See guidance for more examples.

3 Relevant offences (refer to the application form guidance)

Have you, or any other relevant person, been convicted of a relevant offence? A relevant offence is one relating to the environment or environmental regulation.

- No Go to question 4
Yes Please give details below

Name of the relevant person _____
Title (Mr, Mrs, Miss and so on) _____
First name _____
Last name _____
Date of birth (DD/MM/YYYY) _____
Position at the time of the offence _____
Name of the court where the case was dealt with _____
Date of the conviction (DD/MM/YYYY) _____
Offence and penalty set _____
Date any appeal against the conviction will be heard (DD/MM/YYYY) _____
If necessary, use a separate sheet to give us details of other relevant offences and tell us below the reference number you have given the extra sheet. _____
Document reference _____

4 Management systems

Please tick the box to confirm that your updated management system meets the conditions set out in Sector Guidance Note EPR6.09 'How to comply with your environmental permit for intensive farming' Version 2, January 2010 (<https://www.gov.uk/government/publications/intensive-farming-introduction-and-chapters>).

Please make sure you send us a summary of your updated management system with your application and provide the document reference below.

Document reference Appendix 02

5 Supporting information

5a Provide a plan or plans for the site

Where you are altering the site layout, for example extending a shed or building additional sheds, you must provide an updated site plan.

We need a detailed site plan (or plans) showing:

- site location and the location of farm buildings and equipment (accurately drawn to scale, with a north-facing arrow);
- the installation boundary which should be clearly marked;
- the plan must identify all of the land on which your activity takes place;
- sources of emissions/releases (e.g. ventilation fans, incinerator, biomass boiler(s), heat exchanger(s), generator, slurry store);
- fuel and chemical storage (e.g. diesel, heating oil, LPG, pesticides, disinfectant and so on); and
- the site boundary plan must be geographically correct (i.e. include fences, hedgerows or other features recognisable on site and should **not** be a schematic).

Document reference for site plan(s) Appendix 03

5 Supporting information, continued

5b Provide a site drainage plan

Where you are altering the site drainage systems, for example extending the drainage system for the new buildings or adding an emission point, you must provide an updated site drainage plan. This plan should include clean and dirty water drainage routes, discharge points and surfacing.

Document reference for site drainage plan

Appendix 04

5c Provide a copy of your updated site condition report

Do any of the changes you plan to make need extra land to be included in the permit?

No

Yes

If you ticked yes, then you must update and submit a copy of your site condition report for the extra land. **Provide the relevant sections of a site condition report**. The H5 Site Condition Report guidance and template is available online: www.gov.uk/government/publications/environmental-permitting-h5-site-condition-report

Document reference for your updated site condition report

N/A

6 Environmental risk assessment

You must provide us with an environmental risk assessment, which takes into account the impacts the changes to your installation pose to air, land and water. The risk assessment must follow our guidance 'Intensive farming risk assessment for your environmental permit' or an equivalent method as a guide.

See <https://www.gov.uk/guidance/intensive-farming-risk-assessment-for-your-environmental-permit>

Document reference(s) for your updated environmental risk assessment

tbc

Where you are proposing to increase animal places you should include an ammonia impact assessment. Where your ammonia pre-application screening indicated that detailed modelling was required you must provide a copy of the ammonia modelling report. **Include a copy of the modelling data files on a compact disc (CD).**

Where your modelling indicates the predicted process contributions are greater than the allowable thresholds your assessment and application should include ammonia reduction techniques to reduce the contribution to the allowable threshold. Please note that there is an additional charge for the assessment of the ammonia risk which must be submitted as part of this application. For the charge see <https://www.gov.uk/topic/environmental-management/environmental-permits>.

Document reference(s) for your ammonia impact assessment and mitigation proposals

tbc

7 Emissions to air, water and land

If you are changing or adding emission points fill in Table 1 below with the details (such as ventilation from animal housing, standby generator, and carcass incinerator).

If you require more space to list all emission points, please provide this information on a separate sheet.

Document reference for list of emission points

PTO

7 Emissions to air, water and land, continued

Table 1 – Emissions (releases)

Emission point description and location	Source
Point source emissions to air	
e.g. Roof fan outlets on Finisher House 1 as shown on site layout plan	Finisher House 1
Emission Outlet on Heat exchanger 1	Houses 1 and 2
Emission Outlet on Heat exchanger 2	Houses 3 and 4
Emission Outlet on Heat exchanger 3	Houses 5 and 6
Point source emissions to water	
e.g. Yard drainage discharge to off-site ditch 'Mill Stream', as shown on the site drainage plan	Uncontaminated surface water from yard areas around the office
Washdown water discharged to washdown tanks number - 4, 5 and 6 as shown on site drainage plan.	Heat exchangers 1, 2 and 3.
Point source emissions to land	
e.g. Roof water run-off from Broiler House 3	Lightly contaminated roof water from Broiler House 3
Point source emissions to sewer, effluent treatment plants or other transfers off site	

8 Operating techniques

8a Technical standards

Tick the box to confirm that the proposal (the changes) will be in accordance with Sector Guidance Note EPR6.09 'How to comply with your environmental permit for intensive farming' Version 2, January 2010 (<https://www.gov.uk/government/publications/intensive-farming-introduction-and-chapters>).

Please provide a summary of the main measures you use to control emissions from the farm.

Document reference

Appendix 05

8b Odour, noise or dust and bio-aerosol

Where there are sensitive receptors within 400 metres (100 metres for dust) of the installation boundary or there has been a history of odour or noise complaints, you must assess the potential impact of odour, noise or dust and bio-aerosol emissions. If this applies, you must provide updated odour and noise management plans.

Document references for your updated noise management plan, odour management plan or dust and bio-aerosol management plan.

N/A

8c Raw materials

Where you will be using additional or new raw materials provide an updated raw materials inventory.

Document reference for your updated raw materials inventory

N/A

8d Number of animal places

For each type of livestock, tell us the revised number of animal places you are applying for (i.e. the totals which will now be on the installation) by completing Table 2.

Table 2 – Livestock

Type of livestock	Number of places
Poultry (e.g. Broilers, Ducks, Layers)	
Broilers	170,000
Pigs	
Sows	
Production pigs >30kg	
Pigs <30kg	

8e Does this variation result in changes to the slurry or manure management?

No If no, go to question 9

Yes If yes, go to question 8f

8f Is slurry stored on the installation?

No If no, go to question 8h

Yes If yes, all new and **substantially reconstructed** or **substantially enlarged** slurry storage systems must conform with the technical measures detailed in the Water Resources (Control of Pollution) (Silage, Slurry and Agricultural Fuel Oil) (England) Regulations 2010 and as amended 2013 (SSAFO) and must be covered.

Describe how your slurry system will operate and include a description of the type of cover.

Document reference for the summary

N/A

8 Operating techniques, continued

8g Is existing slurry storage covered?

No All existing slurry stores will need to be covered. Please make reference to an accompanying document which details proposals for covering any existing uncovered slurry stores and lagoons. You should include a timetable for installing the cover(s).

Yes Now go to question 8h

Document reference

N/A

8h Is manure stored on the installation?

No Now go to question 8i

Yes Please tick all of the following that apply:

Manure is stored in the yard on an impermeable base, and the effluent is collected in a tank or onsite slurry storage

Manure stores are covered

None of the above – make reference to an accompanying document which explains the situation.

Document reference

N/A

8i Is manure or slurry spread on land owned or controlled by the operator?

No

Yes

8j Is manure or slurry exported from the installation?

No

Yes

9 Environmental impact assessment

Have your proposals had an environmental impact assessment under Council Directive 85/337/EEC of 27 June 1985 (Environmental Impact Assessment) (EIA)?

Please read guidance notes for instruction as to when this would be required.

No Now go to section 10

Yes Please provide a copy of the environmental statement and, if the procedure has been completed:

- a copy of the planning permission; and
- the committee report and decision on the EIA.

Document reference for the copy

N/A

10 Resource efficiency and climate change

If your proposed changes include how resource efficiency is managed then answer questions 10a to 10c. Focus on how these aspects will be modified by your proposed changes.

If your proposed changes do not include how resource efficiency is managed then progress to question 11.

10a Describe the basic measures for improving how energy efficient your activities are

Document reference for your updated energy efficiency review

N/A

10b Have you entered into, or will you enter into, a climate change levy agreement?

No Describe the specific measures you use for improving energy efficiency

Document reference for the description

N/A

Yes Please provide the date you entered (or the date you expect to enter) and a copy of documents that prove you are taking part in the agreement

Date entered

N/A

Document reference of proof

N/A

10 Resource efficiency and climate change, continued

10c Describe how you avoid producing waste in line with Council Directive 2008/98/EC on waste

If you produce waste, describe how you recover it. If it is technically and financially impossible to recover the waste, describe how you dispose of it while avoiding or reducing any effect it has on the environment.

Document reference of description

N/A

11 Payment

Charges

You must submit an application fee with your application.

For guidance on how much this application will cost and how to pay your charges, please see the document 'Environmental Permitting Charging Scheme & Guidance' available on the following website: <https://www.gov.uk/government/publications/environmental-permitting-ep-charges-scheme>

or contact us using one of the options at the bottom of this form. This document provides a list of charges and guidance on how to pay your fees.

Please note that the charges are revised on 1 April each year. There is an annual subsistence charge to cover the costs we incur in the ongoing regulation of the permit.

Tick below to show how you have paid.

- Cheque
- Postal order
- Cash
- Credit or debit card
- Electronic transfer (BACS)

We do not recommend sending cash through the post. If you cannot avoid this, please use a recorded-delivery postal service and enclose your application reference details.

If you are applying for a number of farms the combined fees can be paid through a single transaction by one of the following methods:

Cheques

You should make cheques or postal orders payable to 'Environment Agency' and make sure they have 'A/c Payee' written across them if it is not already printed on.

Please write the name of your company and application reference number on the back of your cheque or postal order. We will not accept cheques with a future date on them.

Credit/debit cards

If you are paying by credit or debit card we can call you. We will destroy your card details once we have processed your payment. We can accept payments by Visa, MasterCard or Maestro card only.

- Call me to arrange payment by debit or credit card

Electronic transfer (BACS)

If you choose to pay by electronic transfer, you will need to use the following information to make your payment:

Company name	Environment Agency
Company address	SSCL (Environment Agency), PO Box 797, Newport, Gwent NP10 8FZ
Bank	RBS/NatWest
Address	London Corporate Service Centre, CPB Services, 2nd Floor, 280 Bishopsgate, London EC2M 4RB
Sort code	60-70-80
Account number	10014411
Account name	EA RECEIPTS
Payment reference number	PSCAPPXXXXYYY

You need to create your own reference number. It should begin with PSCAPP (to reflect that the application is for a permitted activity) and it should include the first five letters of the company name (replacing the Xs in the above reference number) and a unique numerical identifier (replacing the Ys in the above reference number). The reference number that you supply will appear on our bank statements.

You should also email your payment details and reference number to ea_fsc_ar@sscl.gse.gov.uk.

If you are making your payment from outside the United Kingdom, it must be in sterling. Our IBAN number is GB23NWK60708010014411 and our SWIFTBIC number is NWBKGB2L.

If you do not quote your reference number, there may be a delay in processing your payment and application.

12 Privacy notice

The Environment Agency is the data controller collecting this personal data. You can contact our Data Protection Officer at:

Address: Data Protection team
Environment Agency
Horizon House
Deanery Road
Bristol
BS1 5AH

Email: dataprotection@environment-agency.gov.uk

Why are we collecting personal data and what will we do with it?

We are collecting and processing personal data in order to process payment details and issue a suitable permit.

We are processing personal data relating to criminal convictions and offences, or related security measures, under official authority.

Processing is necessary for the performance of a task carried out in the public interest or in the exercise of official authority vested in the data controller; namely, to issue an environmental permit. Failure to provide the information requested will mean that we cannot issue a permit to you.

Sharing and transferring personal data

We will not share or disclose your personal data to any other party outside the Environment Agency without your explicit consent unless lawfully able to do so.

We will not transfer the personal data that you provide outside the European Economic Area.

How long we hold personal data for

We will keep your personal data for the length of time your permit exists in line with our standard information retention policy.

Automated decision making and profiling

We will not use the information you provide for automated individual decision making (making a decision solely by automated means without any human involvement) or profiling (automated processing of personal data to evaluate certain things about an individual).

Your rights

You have rights under the General Data Protection Regulation (GDPR) and the Data Protection Act 2018 (DPA 2018). The Information Commissioner's Office (ICO) is the supervisory authority for data protection legislation.

The ICO website has a full list of your rights under data protection legislation. You can access this here:
<https://ico.org.uk/for-organisations/guide-to-the-general-data-protection-regulation-gdpr/individual-rights>

You have the right to lodge a complaint with the ICO at any time. Should you wish to exercise that right full details are available at:
<https://ico.org.uk/make-a-complaint>

13 Confidentiality and national security

Confidentiality

We will normally put all the information on the public register of environmental information. However we may not include certain information in the public register if this isn't in the interests of national security, or because the information is confidential (see the guidance accompanying this form which explains what we mean by confidentiality).

You can ask for information to be made confidential by ticking the box below and enclosing a letter with your application giving your reasons. If we agree with your request, we will tell you and not include the information in the public register. If we do not agree to your request, we will let you know how to appeal against our decision, or you can withdraw your application.

Only tick the box below if you wish to claim confidentiality for your application.

Please treat the information in my application as confidential

National security

You can tell the Secretary of State that you believe including information on a public register would not be in the interests of national security. You must enclose a letter with your application telling us that you have told the Secretary of State and you must still include the information in your application. We will not include the information in the public register unless the Secretary of State decides that it should be included.

You can find guidance on national security in 'Environmental permitting guidance: core guidance', published by Defra and available via www.gov.uk.

You cannot apply for national security via this application.

14 Declaration

If you knowingly or carelessly make a statement that is false or misleading to help you get an environmental permit (for yourself or anyone else), you may be committing an offence under the Environmental Permitting (England and Wales) Regulations 2016.

A relevant person should make the declaration (see guidance notes on part C3.5). An agent acting on behalf of an applicant is NOT a relevant person.

If you are an organisation of individuals, for example a partnership, each individual applicant (or individual trustee) who is applying for their name to appear on the permit must complete the declaration. If there are more than three individuals making the declaration, print a separate copy of this page for the additional individuals to complete.

I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

If you deliberately make a statement that is false or misleading in order to get approval you may be prosecuted.

Tick this box to confirm that you understand and agree with the declaration above

Title (Mr, Mrs, Miss and so on)

Mr

First name

JEMMY

Last name

JAGGER

Position

DIRECTOR

Today's date (DD/MM/YYYY)

30/04/20

I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

If you deliberately make a statement that is false or misleading in order to get approval you may be prosecuted.

Tick this box to confirm that you understand and agree with the declaration above

Title (Mr, Mrs, Miss and so on)

First name

Last name

Position

Today's date (DD/MM/YYYY)

I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

If you deliberately make a statement that is false or misleading in order to get approval you may be prosecuted.

Tick this box to confirm that you understand and agree with the declaration above

Title (Mr, Mrs, Miss and so on)

First name

Last name

Position

Today's date (DD/MM/YYYY)

15 Application checklist (please fill in this section)

If your application is not complete we will return it to you. If you aren't sure about what you need to send, speak to us before you submit your application.

Tell us what you have sent with this application.

The correct application fee under our charging scheme

List all the documents you have included. If necessary, continue on a separate sheet and tell us the reference you have given the document below.

Document reference

N/A pto

15 Application checklist, continued

Document title	Document reference
Non-technical summary of proposed changes	Appendix 01
Summary of updated environment management system (if required)	Appendix 02
Updated site location plan and site layout plan (if required)	Appendix 03
Updated site drainage plan (if required)	Appendix 04
Updated site condition report (if required)	
H1 environmental risk assessment (if required)	
A copy of the detailed ammonia modelling data files on a compact disc (if required)	
Technical standards (if required)	Appendix 05
Odour management plan (if required)	
Noise management plan (if required)	
Updated raw materials inventory (if required)	
Environmental impact assessment – environmental statement (if required)	
Updated energy efficiency plan (if required)	
Updated waste minimisation review (if required)	

16 Where to send your application and how many copies to send us

Where to send the application

Please send your filled in application form to:

Permitting Support Centre
 Quadrant 2
 99 Parkway Avenue
 Parkway Business Park
 Sheffield
 S9 4WF

By email to PSC@environment-agency.gov.uk

Please tick this box if you wish to have all communication about this application sent via email (we will use the details provided in Part A)

You will need to submit

- one electronic or one paper copy.

17 How to contact us

If you need help filling in this form, please contact the person who sent it to you or contact us as shown below.

General enquiries: 03708 506 506 (Monday to Friday, 8am to 6pm)

Textphone: 03702 422 549 (Monday to Friday, 8am to 6pm)

Email: enquiries@environment-agency.gov.uk

If you are happy with our service, please tell us. It helps to identify good practice and encourages our staff. If you are not happy with our service, please tell us how we can improve it.

Please tell us if you need information in a different language or format (for example, in large print) so we can keep in touch with you more easily.

Feedback

(You don't have to answer this part of the form, but it will help us improve our forms if you do.)

We want to make our forms easy to fill in and our guidance notes easy to understand. Please use the space below to give us any comments you may have about this form or the guidance notes that came with it.

How long did it take you to fill in this form? _____

We will use your feedback to improve our forms and guidance notes, and to tell the Government how regulations could be made simpler. Would you like a reply to your feedback?

- Yes please
- No thank you.

Appendix 01

Application to vary an environmental permit

Part C3.5

Albrighton Poultry Company Ltd

Permit Number SP3636MN

Qu 2 *About your proposed change*

2a *Have you already told us about his application?*

The changes have been raised. A site meeting took place to discuss the alterations on 19th November 2019 with our Environment Officer Gareth Parsons. The two alterations discussed were:

- 1) Raising the number of placings on our permit from 160,000 to 170,000 due to a change in bird profile being reared. The impact that this will have on the ammonia loading in the area was discussed.
- 2) The addition to the site of 3 x ground source heat exchange systems and associated drainage links to our washdown tanks. Installed Oct/Nov 2019. Commissioned on 31st November 2019.

Appendix 02

Application to vary an environmental permit

Part C3.5

Albrighton Poultry Company Ltd

Permit Number SP3636MN

Qu 4 Summary of Updated Management System.

Albrighton Poultry Company Ltd

General Management Procedures

for

The Albrighton Poultry Company Ltd.

(Reference No. B2.1.1 of the Permit)

IPPC Intensive Agriculture.

Revised January 2020.

Albrighton Poultry Company Ltd.

General Management Procedures.

The following pages document General Management Procedures – highlighting the following areas:

- Normal Operations
- Maintenance
 - Accidents
 - Complaints
 - Training

1) Normal Operations.

The site manager and 2 assistants oversee the general daily operations. These include walking sheds, recording daily culls, mortality, water consumptions, fuel and feed consumption, monitoring equipment and record keeping, vaccinating, liaising with the area manager, ordering feeds and maintaining feed stocks and disposal of carcasses for collection and removal.

General upkeep of the site and maintaining cleanliness is an ongoing daily routine. All site operations are compliant with Assured Chicken Production (ACP) standards, that is, Red Tractor Assurance Chicken Standards (1st October 2017), a copy of which is attached (appendix 01).

2) Maintenance.

General maintenance is the duty of the site general manager and site assistant. For specialist repairs /replacing qualified help is hired. Routine maintenance and repairs are done daily. Larger scale work is carried out during each crop turnaround when the site is empty of livestock. The site generator is serviced every 6 months. The broiler house electrics are serviced on each crop turnaround.

3) Accidents.

The site first aid kit is found on the far wall inside the site office. GDPR compliant accident records are kept on file in the site office, a blank Accident Report sheet is attached to the end of this document (appendix 02)

4) Complaints.

A record of complaints is kept on file and would be raised with our Environment officer during visits. At the time of writing we have had no complaints. A blank complaint record is attached (appendix 03).

5) Training.

For staff and training details please refer to the separate sheets overleaf.

Albrighton Poultry Company Ltd

Staff Training

Employee name	Position within Company	Role within Company
Linda Evans	General Manager	Oversees day to day running of the business. Responsibilities include ensuring high standards of the welfare of the stock and their environment. Compliance with IPPC related standards also falls into these responsibilities. Hiring of staff and financial decision making lies with the company directors.
Jeremy Jagger	Assistant	Responsibilities include supporting the GM with day to day business.
Daniel Evans	Assistant	Responsibilities include supporting the GM with day to day business.

Training is an ongoing activity within the business both on site on a day to day basis and with frequent courses, seminars, workshops and learning towards industry qualifications. The chosen training provider is Poultec www.poultec.co.uk

The above are designed to ensure that employees are kept up to date and familiar with the latest practices and guidance.

Staff training overleaf /-

The following training has been undertaken by the above employees.

Employee	Training attended
<p>Linda Evans General Manager</p>	<p>City & Guilds NPTC Level 2 in use of pesticides for pest control rats and mice. Level 3 Diploma in Work based Agriculture or Equivalent. Environmental Awareness/IPPC. Poultry Welfare. Hygiene and Biosecurity. Passport Level - Level 3 - Farm manager (growing).</p>
<p>Jeremy Jagger Assistant</p>	<p>Level 3 Diploma in Work based Agriculture or Equivalent. Environmental Awareness/IPPC. Poultry Welfare. Hygiene and Biosecurity. Passport Level - Level 3 - Farm manager (growing).</p>
<p>Daniel Evans Assistant</p>	<p>Level 2 Diploma in Work based Agriculture or Equivalent (Ongoing). Passport Level - Level 2 - Stockman (Growing).</p>

Day to Day support is also available from our integrator (Maelor) through their area manager John Irwin.

List of Appendices

Appendix 01 – Red Tractor Assurance Chicken Standards v 4.0 1st October 2017.

Appendix 02 – Accident Report Sheet.

Appendix 03 – Albrighton Poultry company Complaint Record Sheet.

Appendix 01 General Maintenance Procedures

Plant Traceability Assurance Operation Standards

V. 4.0. 1/10/2017



On farm indicators are covered by a specific approval document issued by the APHA
 On farm indicators are covered by a specific approval document issued by the APHA
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For guidance on animal by-product storage, collection and disposal visit www.gov.uk/government/organisations/animal-by-product-transport-storage-handling-and-incineration



RESPONSIBLE USE OF AGROCHEMICALS (A3)

	<p>Agrochemicals include, but are not limited to Plant Protection Products (PPPs), Inorganic fertilisers, growth regulators, empty containers, herbicides, fungicides, insecticides, acaricides, molluscicides, nematocides, and chemical products.</p> <p>Agrochemicals are removed for use in the UK.</p> <p>PPPs kept in their original packaging, or if packaging is broken they are transferred to a suitable container with a fitted lid and clearly original label information.</p> <p>Emergency facilities are available for dealing with spillages e.g. bunded or sealed, absorbent granules, an absorbent spill bunding.</p> <p>Inorganic fertilisers are stored on farm, dry surfaces and not stored with flammable materials.</p> <p>Fuel tanks bunded in accordance with the requirements.</p>	<p>Agrochemicals are stored in a manner that minimises the risk of contamination and pollution (i.e. spillage).</p>
	<p>Where possible to allow between housing and buildings on farm, ground, fence and construction etc.</p>	<p>It is recommended that an Integrated Pest Management (IPM) plan is completed.</p>
	<p>Applications relate to far and not limited to grazing, forage, conversion and even surrounding buildings.</p> <p>IPMs are not applied in unsuitable conditions e.g. when there is a lot of dirt or non-target areas or soil conditions are unsuitable.</p>	<p>Agrochemicals must be applied in a manner that minimises the risk of contamination and pollution.</p>
	<p>Manufacturers' instructions are followed at all times during handling and final application and disposal.</p> <p>IPM application is undertaken by operators holding relevant City & Guilds NPIC Pesticide Application Certificate or equivalent.</p>	<p>Agrochemicals must be applied by competent persons (i.e. trained).</p>

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PLANS AND PROCEDURES (DP)

STANDARDS		HOW YOU WILL BE MEASURED
<p>AIM: Plans and procedures in place to ensure safe and legal food production</p>		
<p>DP.a.1 Systems must be in place to maintain the farm in a manner that does not present risks to food safety, animal welfare or environmental protection</p>	<p>Accumulated rubbish, redundant equipment or scrap kept in controlled areas separate from birds/ feed storage/ public access</p>	<p>Accumulated rubbish, redundant equipment or scrap kept in controlled areas separate from birds/ feed storage/ public access</p>
<p>DP.a.2 A farm map must be in place (New)</p>	<p>Farm map shows, where applicable:</p> <ul style="list-style-type: none"> all buildings the biosecure area all fields, including area (hectares/ acres) watercourses, including ditches and ponds boreholes, springs and wells, including any on neighboring land, within 50m of the boundary any areas of high pollution risk bait point locations 	<p>R</p> <ul style="list-style-type: none"> Farm map
<p>DP.b A documented plan for the effective management of serious incidents and potential emergency situations that threaten the welfare of birds, food safety or the environment must be in place and known to key staff</p>	<p>You have considered the risks to your farm and documented the actions to be taken in the event of, for example:</p> <ul style="list-style-type: none"> feed and/or water equipment failing fire extreme weather (drought, flooding, snow) disease outbreaks which have the potential to affect other farms/ the general public disease outbreaks which have the potential to affect other farms/ the general public reporting activist activity (to police, relevant trade body, your Certification Body, customers) pollution incident <p>Plan includes relevant contact details (including out of hours phone numbers) e.g. vet, Environment Agency hotline, energy, feed and water suppliers</p> <p>Key staff have access to plan</p>	<p>R</p> <ul style="list-style-type: none"> Emergency plan
<p>DP.b.1 An Avian Influenza contingency plan must be in place</p>	<p>The plan is reviewed annually and updated when necessary</p>	<p>R</p> <ul style="list-style-type: none"> AI contingency plan
<p>DP.b.2 There must be an emergency water supply capable of providing water at maximum demand for 24 hours</p>		
<p>DP.b.3 You must contact Red Tractor and/ or your Certification Body immediately if a serious incident or emergency situation threatens the welfare of birds (e.g. stocking density breach), food safety or the environment occurs on farm (New)</p>		
<p>DP.c Systems must be in place for recording, investigating and resolution of any complaints received that are relevant to the requirements of the Broiler and Poussin Standards</p>	<p>Complaints made by Local Authority, general public, customers (e.g. abattoir feedback) or other</p> <p>System includes recording the:</p> <ul style="list-style-type: none"> complaint investigation result action taken to prevent the issue happening again <p>An on-farm investigation is undertaken</p> <p>Corrective action is implemented</p>	<p>R</p> <ul style="list-style-type: none"> Complaints record
<p>DP.c.1 Producers must notify their Certification Body of any notification of a positive coccidostat (e.g. nizarbazin) residue found in poultry meat</p>		

STANDARDS

DP.d

Producers must ensure that new production sites are suitable for use (Revised)

New production sites include, but are not limited to, new and existing buildings and land, including those used seasonally

The Certification Body has been informed of the site and it has been added to your Red Tractor membership

When deciding if suitable for use, consideration has been given to the following, where relevant:

- previous use
- physical hazards
- injurious weeds
- location of the nearest other poultry farm (preferably at least 1km distance away) and its health status where possible
- whether the building complies with legal requirements and has previously been assured

Where to find help

For information on farm fires see the Defra guidance document 'Farm Fires - Protecting Farm Animal Welfare'

For additional guidance on animal welfare in severe weather visit www.gov.uk/animal-welfare-in-severe-weather

To find out the environmental state of water bodies around and through your land use the Environment Agency's What's in your Backyard Tool www.environment-agency.gov.uk/wiyby

STAFF AND LABOUR PROVIDERS (SC)

STANDARDS

AIM: All staff (including, but not limited to full and part-time and family members) are trained and competent to carry out the activities they do

SC.a Key

Systems must be in place to ensure that all new staff are effectively trained and deemed competent to carry out the activities they are employed to do

Nobody starts work without an induction, supervision or explanation of the tasks they will carry out

For any specific tasks referenced within the Standards (e.g. medicine treatments) additional training is given prior to being left to complete the task unsupervised, if it has not already been given

SC.b

The performance and competence of staff must be regularly reviewed and refresher training implemented as required

Staff are regularly observed and the output of their work reviewed

Refresher training is implemented immediately if issues are found

SC.c

Records of training must be kept

A training record is available for all, including:

- name
- start date (if applicable)
- training given/ events attended/ experience
- date of training
- who provided the training

Where staff are trained to undertake specific tasks this is listed in the record

Records kept for two years after staff member has left employment

SC.c.1

Producers must adopt British Poultry Training - Poultry Passport, or Poultry Training Record, as the formal route for industry training and training recognition

The mandatory training requirement specified on the Poultry Passport is delivered by providers or in-house tutors that have been approved by British Poultry Training

Agreement in place where labour providers are used regularly or on an ad-hoc basis

Agreement confirms that labour provided are competent and that a Gangmasters Licence is held

SC.d

Where labour providers are used to supply temporary or permanent staff an agreement must be in place to ensure competent persons are provided

Staff training record

Staff training record

Labour provider agreement

Where to find help

For further information on British Poultry Training - Poultry Passport visit www.poultrypassport.org

For further information on Gangmasters Licensing and to check the licence status of a labour provider visit <http://www.gla.gov.uk/>

TRACEABILITY AND ASSURANCE STATUS (TI)

STANDARDS	HOW YOU WILL BE MEASURED
<p>AIM: Clear identification of birds to deliver food chain traceability</p> <p>TI.a Key Birds must be identified and records kept to maintain traceability (Revised)</p>	<ul style="list-style-type: none"> ■ Scheme registration number is included on dispatch notes ■ Records are kept of the origin of chicks and, where necessary, this information passed on to the processor to allow accurate origin labelling of the final product <p style="text-align: right;">(R)</p> <ul style="list-style-type: none"> ■ Traceability records including records of chick origin
<p>AIM: Controls in place to maintain assurance status</p> <p>TI.b Key Eggs and/ or chicks must be sourced from Red Tractor Assured farms/ hatcheries certified to the relevant scheme standards (Revised)</p>	<ul style="list-style-type: none"> ■ Red Tractor assured hatcheries only handle Red Tractor assured eggs

VERMIN CONTROL (VC)

STANDARDS	HOW YOU WILL BE MEASURED
<p>AIM: Effective and responsible control of wild birds, rodents, insects and other animals to prevent contamination and food safety risk</p> <p>VC.a Key Systems must be in place to control vermin in areas where birds and feed are kept (Revised)</p>	<ul style="list-style-type: none"> ■ Evidence that control is effective and being managed e.g. there is no evidence of contamination by vermin ■ Systems include, but are not limited to, baiting and trapping ■ Vermin entry points are minimised where possible ■ System managed in-house by a demonstrably competent person or by external contractor ■ Traps checked regularly and positioned in such a way to reduce access by non-target animals ■ No build-up of vegetation close to farm structures that could harbour vermin <p style="text-align: right;">(R)</p> <ul style="list-style-type: none"> ■ External contractor agreement ■ Trap check records
<p>VC.b Bait must be used responsibly (Revised)</p>	<ul style="list-style-type: none"> ■ Prior to treatment with baits, a written site survey and environmental risk assessment is undertaken in accordance with Appendix ■ Use of non-chemical control methods considered first, followed by the least toxic alternatives (Risk Hierarchy) ■ Where baits are used a bait plan is in evidence <ul style="list-style-type: none"> - plan includes map of bait points, bait used, bait point inspections and replenishment dates ■ Safe positioning of bait; non-target animals do not have access and there is no risk of contamination ■ A documented COSHH assessment is carried out where there are five or more employees ■ Dead and dying rodents are removed and disposed of in accordance with bait manufacturers' instructions <p style="text-align: right;">(R)</p> <ul style="list-style-type: none"> ■ Site survey ■ Environmental Risk Assessment ■ Bait plan kept for 2 years ■ COSHH assessment (where applicable)
<p>VC.b.1 Permanent baiting must not routinely be undertaken (New)</p>	<ul style="list-style-type: none"> ■ Baits only sited where evidence shows they are being continuously effective ■ At the end of treatment, baits are removed and disposed of in line with manufacturers' instructions
<p>VC.c Pets and other animals must not have access to poultry houses and service buildings</p> <p>Where to find help</p>	<ul style="list-style-type: none"> ■ The Campaign for Responsible Rodenticide Use Code is published on http://www.thinkwildlife.org/crru-code/ ■ Defra have published a Code of Practice for the Prevention of Rodent Infestation on Poultry Farms ■ For more information on the use of vertebrate traps see the Chartered Institute of Environmental Health Code of Practice for the Use of Vertebrate Traps http://www.cieh.org/Code_of_practice_for_the_use_of_vertebrate_traps.html

HOUSING, SHELTER AND HANDLING FACILITIES (HF)

STANDARDS	HOW YOU WILL BE MEASURED
<p>AIM: Safe, comfortable and hygienic housing for all birds</p> <p>HF.a Housing must be constructed and maintained to provide a safe environment for birds</p>	<ul style="list-style-type: none"> ■ No sharp edges, projections or other hazards ■ Electrical installations inaccessible to birds ■ Housing securely contains birds ■ Ventilation fans, feeding machinery and other equipment is constructed, placed, operated and maintained in a way that causes the least amount of noise
<p>HF.a.1 The sound level in housing must be minimised</p>	<ul style="list-style-type: none"> ■ Ventilation minimises high humidity, build-up of odours and maintains a comfortable temperature ■ When the outside temperature exceeds 30°C in the shade the inside temperature should not exceed the outside temperature by more than 3°C ■ Concentration of Ammonia should not exceed 20ppm ■ Concentration of Carbon Dioxide should not exceed 3000ppm at the level of the birds heads ■ The average relative humidity measured inside a house during a 48 hour period should not exceed 70% when the outside temperature is below 10°C ■ A documented ventilation plan is in place <p style="text-align: right;">(R)</p> <ul style="list-style-type: none"> ■ Ventilation plan
<p>HF.b.1 Temperature records must be kept</p>	<ul style="list-style-type: none"> ■ Records kept of minimum and maximum daily temperatures at bird level <p style="text-align: right;">(R)</p> <ul style="list-style-type: none"> ■ Temperature records
<p>HF.b.2 A written policy must be in place outlining recognition of and procedures to be followed in the event of heat or cold stress occurring</p>	<ul style="list-style-type: none"> ■ Heat and cold stress policy <p style="text-align: right;">(R)</p>
<p>HF.c Floors must be constructed and maintained in a manner that minimises the risk of injury</p>	<ul style="list-style-type: none"> ■ Floors are made of concrete or asphalt ■ Floors are well-drained and floor surface is above outside ground level
<p>HF.d Conditions within the housing must be maintained in a manner that ensures birds are able to keep clean</p>	<ul style="list-style-type: none"> ■ A written cleaning and disinfection policy in place, which contains: <ul style="list-style-type: none"> - cleaning and disinfection procedures for house, house furniture, water tanks and bulk feed bins - handling of waste materials; litter, packaging, feed spillages - details of Defra approved disinfectants and detergents used, including safe usage, storage and dilution ■ Whenever bird accommodation is emptied it is thoroughly cleaned and disinfected in accordance with the policy ■ Swabs are taken for environmental bacteria and are cultured in a Government approved laboratory – records are kept of these tests <p style="text-align: right;">(R)</p> <ul style="list-style-type: none"> ■ Cleaning and disinfection policy ■ Environmental bacteria test records
<p>HF.d.1 Surfaces within housing must be in good condition and must be able to be cleaned and disinfected</p>	<ul style="list-style-type: none"> ■ Products which expand to a minimum depth of 2cm can be used
<p>HF.d.2 Flocks are provided with clean, fresh bedding to a minimum depth of 2cm</p>	<ul style="list-style-type: none"> ■ Wet capped litter is managed
<p>HF.d.3 Bedding must remain in a dry, friable condition</p>	<ul style="list-style-type: none"> ■ The cover provides protection from water, birds and vermin ■ Damaged bales are not used
<p>HF.d.4 Bedding stored in the open is stored on pallets and is covered</p>	

STANDARDS	HOW YOU WILL BE MEASURED
HF.e Housing must be fit to allow normal behaviours, rest and effective inspection of birds	<ul style="list-style-type: none"> Lighting intensity is at least 20 lux, measured at bird eye level and illuminating at least 80% of the useable area, during lighting periods Reductions in lighting made only on advice of vet/ lighting patterns are recorded
HF.e.1 Lighting follows a 24 hour rhythm	<ul style="list-style-type: none"> This occurs within 7 days of the chickens being placed in the building and until 3 days before foreseen slaughter 24 hour rhythm includes periods of darkness lasting at least 6 hours, with at least 1 uninterrupted period of darkness lasting at least 4 hours
HF.e.2 Recommendation It is recommended that windows are fitted in all buildings which house birds	<ul style="list-style-type: none"> The glass area of the windows equates to a minimum of 3% of the floor area Windows are evenly distributed along the side panels providing uniform daylight throughout the building Windows are double glazed to provide insulation and prevent condensation Windows are toughened on the inside for added safety Shutters are fitted in order that daylight can be closed out if required
AIM: Housing should be specific to bird size and requirements	
HF.f Key Housing must be of sufficient size	<ul style="list-style-type: none"> Birds are not kept in cages Planned stocking densities must not exceed 38kg/m² for broilers and 30kg/m² for poussin Realistic Key Performance Indicators are used when planning stocking densities Key Welfare Indicators are not compromised by stocking regime, particularly in relation to weather conditions
HF.f.1 Houses must have plates which highlight important information	<ul style="list-style-type: none"> Plates list: <ul style="list-style-type: none"> total floor space available to the birds number of feeders and drinkers feed bin capacity
AIM: Appropriate, well maintained facilities are available for specific activities	
HF.g Housing areas must provide for the specific needs of young animals	<ul style="list-style-type: none"> On arrival, chicks are placed in pre-heated housing as soon as possible
AIM: Systems within housing are fit for purpose	
HF.h Automatic equipment is inspected once a day	<ul style="list-style-type: none"> Records kept of: <ul style="list-style-type: none"> checks malfunctions rectifications
HF.i An alternative power supply must be available which is capable of supplying all essential electrical systems within the poultry houses	<ul style="list-style-type: none"> Malfunctions are rectified immediately Generators are tested weekly on load
HF.j Electrical installations must be tested once every five years by a registered electrician	<ul style="list-style-type: none"> Electrician registered with NICEIC, BSI, NAPIT, AESIF, ELECSA, JIB
HF.k An alarm system must be in place which alerts stockmen to ventilation equipment failure	<ul style="list-style-type: none"> Alarm system responds to high and low temperatures and to failures in each phase of the mains electricity Alarm systems are checked daily and records kept of: <ul style="list-style-type: none"> checks malfunctions rectifications Alarm system works without mains power supply

STANDARDS	HOW YOU WILL BE MEASURED
AIM: Controls in place to prevent fire	
HF.l Fire prevention measures must be taken	<ul style="list-style-type: none"> Safe use and storage of flammable/ combustible materials Every building exceeding 30m in length has two doors and complies with relevant Building Regulations, particularly with regard to fire escape exits Access to building is restricted Buildings are secure Smoking is restricted to designated areas only Machinery undergoes routine maintenance Escape routes and passages are kept clear at all times Notices are displayed in all main houses of the nearest telephone point
Where to find help	<ul style="list-style-type: none"> Further information on heat stress is provided in the Defra guidance document 'Heat Stress in Poultry: Solving the Problem'

FEED AND WATER (FW)

STANDARDS	HOW YOU WILL BE MEASURED
AIM: All birds receive a daily diet sufficient to maintain full health	
FW.a Key Birds must be provided with sufficient feed	<ul style="list-style-type: none"> The diet is adequate and suitable to the production status and body condition of the bird
FW.b Birds must be provided with sufficient access to feed	<ul style="list-style-type: none"> Feed space allowances are as follows for broilers: <ul style="list-style-type: none"> pan feeders – 1 linear metre per 100 birds chain feeders – 0.75 linear metre per 100 birds Feed space allowances are as follows for poussin: <ul style="list-style-type: none"> pan feeders – 1 linear metre per 150 birds chain feeders – 0.75 linear metre per 150 birds Birds do not have to travel more than 4m to reach feed Feed delivery systems are free of sharp edges, parts capable of causing injury and are adjustable to provide a comfortable feeding level Feed delivery systems are checked daily for correct performance and cleanliness
FW.c Key Birds must be provided with adequate access to a supply of fresh, clean drinking water	<ul style="list-style-type: none"> Water space allowances are as follows for broilers: <ul style="list-style-type: none"> bells – 1 bell per 150 birds nipples and cups – 1 nipple/ cup per 10 to 20 birds depending on manufacturers' recommendations, water pressure and flow rate or 1 large cup per 60 birds Water space allowances are as follows for poussin: <ul style="list-style-type: none"> bells – 1 bell per 250 birds nipples and cups – 1 nipple/ cup per 10 to 30 birds depending on manufacturers' recommendations, water pressure and flow rate Birds do not have to travel more than 3m to reach water Drinker height is checked daily and drinkers are positioned and maintained in a way that spillage is minimised Adequate water supply is available right up to depopulation Each house has a water meter and consumption rate is recorded daily Non-mains water is tested every 6 months to ensure it is potable and results are recorded Header tanks are covered and hygienically managed; regular cleaning and disinfection of tanks and drinking lines

STANDARDS	HOW YOU WILL BE MEASURED
<p>FW.c.1 A system must be in place to ensure that any water supply problems are identified and rectified within a timescale that does not compromise welfare</p> <p>AIM: Animal feed is suitable and traceable</p> <p>FW.d Key Feed must be suitable</p>	<ul style="list-style-type: none"> Feed is palatable (i.e. not stale or contaminated) Feed only includes feed materials and additives permitted by the scheme and UK and EU law You know the composition of all purchased and home mixed feed Antibiotic or hormonal growth promoters are not used Feed does not contain meat and bone meal, poultry by-products or tallow The following materials are sourced as follows: <ul style="list-style-type: none"> compounds and blended feed - UFAS, or equivalent bagged or sealed compounded or blended feed - from a UFAS merchant, and a UFAS, or equivalent, compounder straights - UFAS, FEMAS, or equivalent; or a farm that is a member of a combinable crops assurance scheme accompanied by a completed grain passport processed food by-products - UFAS, FEMAS, or equivalent The following materials are sourced with a completed warranty declaration: <ul style="list-style-type: none"> farm-to-farm supplies of any feeds unexpectedly in surplus Details of equivalent schemes are given in the relevant Appendix
<p>FW.e Bought-in feed must be from an assured source or in specific circumstances with a warranty declaration (Revised)</p>	<ul style="list-style-type: none"> As a minimum your records contain supplier name, feed type including ingredient composition, date of delivery, quantity and the load or batch number Samples of each delivery of feed are taken and kept for three months
<p>FW.f Records of all feedstuffs purchased must be kept</p>	<p>R</p> <ul style="list-style-type: none"> Feed delivery documents/invoices/warranty declarations/grain passports/own records kept for two years
<p>AIM: On-farm mixing produces safe animal feed</p> <p>FW.g When mixing two or more feed materials together records must be kept</p>	<p>R</p> <ul style="list-style-type: none"> Home mixing feed records kept for two years
<p>FW.g.1 Wheat for incorporation as whole wheat must be treated for the control of Salmonella (New)</p>	<ul style="list-style-type: none"> Treatment records are kept include: <ul style="list-style-type: none"> date of treatment method used name of product batch number

STANDARDS	HOW YOU WILL BE MEASURED
<p>FW.h When the mix formulation changes samples must be kept</p>	<ul style="list-style-type: none"> Samples of dry feed ingredients (over 3% inclusion) kept For dry mixes, samples of finished feed mix are kept Samples are kept for a minimum of four weeks after last use Your feed samples are: <ul style="list-style-type: none"> representative; you have taken small samples from several different points of adequate quantity; approx. 0.5kg/ 1lb free from contamination identifiable; labelled with feed details and date stored in a cool, dry area to avoid deterioration
<p>FW.i If mixing using 'pre-mixtures', 'additives' or medicated feeds you must have Local Authority approval and meet any associated obligations</p>	<p>R</p> <ul style="list-style-type: none"> Not applicable to the inclusion of bought in mineral feeding stuffs (labelled as such) used in TMRs You have Local Authority approval, a HACCP system in place and a Quality Control Plan if mixing using: <ul style="list-style-type: none"> feed additives (labelled as such); substances such as vitamins, trace elements (e.g. copper, zinc) and preservatives pre-mixtures (labelled as such); are mixtures of additives at high concentration If you are incorporating medicated feeds you have additional approval from the Veterinary Medicines Directorate (VMD)
<p>FW.j Mobile feed milling and/or mixing contractors must be suitably certified</p>	<ul style="list-style-type: none"> Contractors certified to the NAAC Assured Land-Based Contractor Mobile Feed Mixing and Processing Scheme, or scheme deemed equivalent by Red Tractor
<p>AIM: Feed remains clean, palatable and free from contamination</p> <p>FW.k Controls must be in place to minimise the risk of contamination of feeds by machinery and equipment (Revised)</p>	<ul style="list-style-type: none"> All feeding equipment and lorries/trailers/feed boxes/ buckets used for transporting feed are maintained, in a clean condition and are suitable for purpose Particular attention is paid to cleaning between batches if feed contains additives or medication
<p>FW.l Key Feed must be stored in a manner which minimises the risk of contamination</p>	<ul style="list-style-type: none"> There is evidence that efforts are made to protect feed from contamination Storage facilities protect, as far as possible, against the harbouring of domestic animals, wildlife and vermin In loose feed storage areas lighting is covered unless shatterproof bulbs are used Risk of cross-contamination is minimised by ensuring feed is readily identifiable and keeping different feeds separate Medicated feed is kept in separate, clearly labelled bulk storage or bags
<p>Where to find help</p>	<ul style="list-style-type: none"> For advice on maintaining feed safety and quality see the Industry Code of Practice for On-farm Feeding To check if your supplier is UFAS or FEMAS assured visit www.aictradeassurance.org.uk For further guidance on the Feed Hygiene Regulation visit https://www.food.gov.uk/business-industry/farmingfood/animalfeed/animalfeedlegislation/approvgfeedguidance To check if your mobile feed mixer contractor is assured visit www.naac.co.uk The FSA have produced guidance on how to reduce nicarbazin residues in chicken

ANIMAL HEALTH AND WELFARE (AH)

STANDARDS		HOW YOU WILL BE MEASURED
<p>AIM: Proactive management of the health and welfare of all birds through planning and reviewing</p>		
<p>AH.a Key A Flock Health Plan to proactively manage and improve health and welfare of birds must be established and implemented</p>	<p>The plan:</p> <ul style="list-style-type: none"> - is specific to a farm or group of farms under same company's control - is prepared and reviewed by a vet - is reviewed annually or more often in the event of substantial changes to husbandry practices or poor performance - contains a strategy for the prevention and control of common diseases - sets out health and husbandry procedures covering the whole of the production cycle/ year - sets out a vaccination programme, which is tailored to the needs of the farm - is available to all members of staff who have responsibility for birds 	<p>R</p> <ul style="list-style-type: none"> Health Plan
<p>AH.b Records of the health and performance of all birds must be maintained</p>	<p>Records are present for current and previous flocks</p> <ul style="list-style-type: none"> Records are up-to-date Records includes as a minimum: <ul style="list-style-type: none"> - number of day-old chicks delivered - date chicks delivered - origin of flock (hatchery, breeder flock) - breed - daily mortality rate and cumulative daily mortality rate, including culls - date of sale, number sold and average weight - litter used - any problems or extraordinary events - incidence of disease - post-mortem records - levels of P.M.I. rejections - veterinary advice 	<p>R</p> <ul style="list-style-type: none"> Health and performance records
<p>AH.c Health and performance records must be reviewed regularly</p>	<p>Regular review of records to identify key issues</p> <ul style="list-style-type: none"> Tolerance limits are in place <ul style="list-style-type: none"> - mortality should not exceed 5% - P.M.I rejections should not exceed 1.5% If tolerance limits are exceeded veterinary advice is sought 	
<p>AH.c.1 Flocks must be tested for salmonella under the National Control Plan. Two boot swabs per flock (house or airspace) must be taken within three weeks of any slaughter</p>	<p>Tests are carried out in a Government authorised laboratory</p> <ul style="list-style-type: none"> Records of tests are kept which include: <ul style="list-style-type: none"> - the date on which the sample was taken - where there is more than one flock on the holding, the identification of the flock. The flock is identified by the house name/number, month and year the flock was moved into the house - the age of the flock sampled - the Government approved laboratory to which the sample was sent and the result of each test when it is received from the testing laboratory - the date of intended slaughter Confirmed infected flocks are sent for slaughter at the end of the processing plant's daily programme Where a flock has been confirmed as infected a written cleaning and disinfection procedure is implemented 	<p>R</p> <ul style="list-style-type: none"> Salmonella testing records kept for two years Cleaning and disinfection procedure
<p>AIM: The health and welfare of all birds is being checked and managed</p>		
<p>AH.d Key The health and welfare of birds must be met at all times</p>	<p>Any health or welfare issues have been detected and are being managed</p>	

STANDARDS		HOW YOU WILL BE MEASURED
<p>AH.d.1 Recommendation It is recommended that environmental enrichment is provided</p>		
<p>AH.e The health and welfare of birds must be checked regularly</p>	<p>Regular checks looking for signs of illness, injury and stress</p> <ul style="list-style-type: none"> Flock inspection is carried out at least twice daily Chicks are closely monitored on arrival Stockmen walk within 3m of every bird and encourage them to move Records of inspections are made and include observations, problems identified and any remedial action taken Levels of hock marking should not normally exceed 15% 	<p>R</p> <ul style="list-style-type: none"> Flock inspection records
<p>AH.e.1 Signs of hock marking and pododermatitis must be monitored and recorded</p>	<p>Levels of hock marking should not normally exceed 15%</p>	<p>R</p> <ul style="list-style-type: none"> Hock marking and pododermatitis records
<p>AH.f Key Birds must be handled in a way that avoids injury and minimises stress</p>		
<p>AIM: The health and welfare of all birds is being managed by competent people</p>		
<p>AH.g Key All persons looking after the health and welfare of birds must be demonstrably competent</p>	<p>Staff have skills and knowledge in:</p> <ul style="list-style-type: none"> - normal and abnormal bird behaviour - fear reactions - signs of good health and poor health and disease - correct handling of birds - litter management - signs of thermal stress in birds and procedures to be followed in event of a problem You are satisfied that any contractors used are competent 	
<p>AH.h Key All poultry farms must retain the services of a named veterinary surgeon or practice</p>	<p>AIM: Effective and appropriate management of sick or injured birds</p> <ul style="list-style-type: none"> If mortality exceeds 0.3% in a 24 hour period the cause is investigated 	
<p>AH.i Key Sick or injured birds must receive prompt attention in order that suffering is not prolonged</p>	<p>Decision to euthanase made by a trained and competent person</p> <ul style="list-style-type: none"> Euthanasia is carried out by dislocation of the neck, a percussion killer recommended by the Humane Slaughter Association (HSA) or another method permitted by legislation and recommended by the HSA Staff that euthanase birds are trained 	
<p>AH.j Key Birds that do not respond to treatment or require emergency euthanasia must be promptly and humanely euthanased by a trained and competent person</p>	<p>Further information on animal health and welfare is given in the Code of Recommendations for the Welfare of Livestock - Meat Chickens and Breeding Chickens and at www.gov.uk/animal-welfare</p> <ul style="list-style-type: none"> For the FAWC Report on the welfare of broiler chickens visit https://www.gov.uk/government/groups/farm-animal-welfare-committee-fawc Guidance on animal health and disease can be found at www.nadis.org.uk The Humane Slaughter Association provide information on euthanasia on their website www.hsa.org.uk 	
<p>Where to find help</p>		

BIOSECURITY AND DISEASE CONTROL (BI)

STANDARDS		HOW YOU WILL BE MEASURED
AIM: Effective biosecurity measures to prevent the spread of disease and protect food safety and bird health		
Bl.a Key Control measures must be in place to minimise the spread of disease within the farm and between other farms (Revised)	Consideration given to: <ul style="list-style-type: none"> the risks associated with all activities undertaken on farm the potential hazards at each stage of the production processes on farm the biosecurity controls in place for each hazard the action taken if biosecurity controls are breached No shared staff and equipment between farms without biosecurity procedures to avoid transfer of disease	R Biosecurity plan/ policy
Bl.a.1 The entrance to the farm must be secure (New)	A defined boundary can be, but is not limited to: <ul style="list-style-type: none"> stock fence (2 strands of wire) natural boundary (e.g. hedge) 	
Bl.a.2 Recommendation It is recommended there is a defined boundary around the farm that prevents the access of stock and vehicles so entry and exit to the farm is controlled as far as possible, through one entrance/ exit point (New)		
Bl.b Access to the farm must be limited to essential visitors only and visitor records must be kept	Records include date, time of arrival, name, organisation, contact number Visitors certify that they are not suffering any enteric illness and declare recent visits to poultry farms Entry is refused if the health and welfare of birds could be compromised	R Visitor records
Bl.c Key There must be defined biosecure areas on each farm	Biosecure areas include, but are not limited to, each bird area, feed stores, litter stores	R Farm map showing all biosecure areas
Bl.c.1 There must be no staff or visitor car parking within the biosecure area (New)		
Bl.d Key Foot dips must be provided at the entrance to each biosecure area and must be used by all who enter them	Defra approved disinfectants are used Disinfectants are used in accordance with manufacturers' instructions Disinfectant solutions used in foot dips are replaced on a prescribed basis and this is recorded Boots are capable of being dipped in foot dips	R Foot dip records
Bl.e Key On entry to a biosecure area all staff and visitors must change into clean boots or use new disposable overshoes		
Bl.f Key A physical barrier footwear system, with dedicated footwear, must be provided at the entrance to each biosecure bird area	The physical barrier is no less than 30cm high The barrier is removable for washing or a fixed barrier may be used if appropriate drainage allows effective cleansing of the barrier area at the end of the crop A line on the ground is not acceptable The area inside the barrier is considered the 'biosecure area' Staff remove outdoor footwear on the external side of the barrier Staff then put dedicated biosecure footwear on in the internal area of the barrier Provision to be seated whilst changing boots	
Bl.g Key Hand sanitisers or hand wash facilities must be present within reach of the physical barrier and must be used before entrance and after exit of the biosecure bird area		

STANDARDS		HOW YOU WILL BE MEASURED
Bl.h Key Farm dedicated protective clothing must be supplied to and worn by all when on-farm. Clothing must be washed or discarded between flocks	Hands are washed prior to starting work, after dead bird/ chick handling, after meals and after visits to the toilet	
Bl.i Key Toilets and hand washing facilities must be available and must consist of a basin with hot water, bactericidal soap and disposable towels or hand driers		
Bl.j Key The farm must operate a period free of all birds between flock cycles		
Bl.k Key All vehicles wheels and equipment must be cleansed and disinfected on entering and exiting the farm (Revised)	Effective pressure wash facilities and drainage Defra approved disinfectants for both General Orders and for diseases of poultry are used Disinfectants are used in accordance with manufacturer's instructions	
Bl.l The farm must have an area of clean concrete, metalised surface or rolled stone which is large enough for a collection vehicle or feed lorry to stand		
Bl.m Permanent standing water must not accumulate on the farm		
Bl.n Staff must not keep or have contact with other poultry or any avian species		
Bl.o Toilets, offices, stores and break rooms must be kept clean and tidy		
Bl.p Smoking and the consumption of food and drink must be restricted to designated areas	Designated areas are not within bird areas	

ANIMAL MEDICINES AND HUSBANDRY PROCEDURES (AM)

STANDARDS		HOW YOU WILL BE MEASURED
AIM: Responsible and competent use of medicines and veterinary treatments		
AM.a Key Medicines must be authorised for use in the UK and used appropriately	No use of antibiotic growth promoters; anabolic agents, including growth-promoting hormonal products, or similar substances, which are illegal Prescription Only Medicines are used in accordance with the prescription POM-V are prescribed by a vet POM-VPS are prescribed by a vet, pharmacist or Suitably Qualified Person (SQP) General Sales Medicines (AVM-GSL) (non-prescription) are used in accordance with manufacturers' or veterinary instructions An approved medicines list has been compiled by producer, in agreement with a vet - list specifies storage, administration, active ingredient, withdrawal periods and should make reference to the correct dosage, duration and circumstances for use	R Approved medicines list

STANDARDS	HOW YOU WILL BE MEASURED
AM.b Key Medicines and veterinary treatments must only be administered by demonstrably competent people	<ul style="list-style-type: none"> Person undertaking task has relevant experience or training
AM.b.1 Proportioners must be calibrated according to manufacturer's instructions (New)	<ul style="list-style-type: none"> Manufacturer's instructions Calibration records
AIM: Safe, secure and responsible management of medicines	
AM.c Medicines must be kept in an appropriate locked store in accordance with the manufacturer's instructions	<ul style="list-style-type: none"> Stored in a locked cupboard/ safe/ chest/ locked room Medicines that require refrigeration and are stored in a domestic fridge are stored in a container
AM.d Medicines, medicine containers and used sharps must be stored safely pending disposal and be disposed of responsibly	<ul style="list-style-type: none"> Unbreakable/ shatterproof storage containers used Medicines, medicine containers and used sharps are disposed of in line with manufacturers' advice or via a veterinary practice or business with the relevant waste transfer licence Medicines that require disposal include: <ul style="list-style-type: none"> medicines past their use-by date opened medicines not used within the specified timescale medicines stored incorrectly Medicine disposal records include: <ul style="list-style-type: none"> identity of medicine date quantity route of disposal
AM.e Records for all medicines purchased must be kept for five years	<ul style="list-style-type: none"> Medicine purchase records include: <ul style="list-style-type: none"> identity of medicine quantity of medicine date of purchase name and address of supplier batch number(s) expiry date(s)
AM.e.1 If birds are given medicated feed(s) Medicated Feedstuff Prescription(s) (MFSP) must be kept for five years	<ul style="list-style-type: none"> For integrated/ corporate operations the MFSPs may be held centrally by the parent organisation
AM.f Key Records for all medicines administered must be kept for five years	<ul style="list-style-type: none"> Treatments including vaccinations, anaesthetic, antibiotics and anti-parasitic control are recorded Vaccinations are recorded either as a separate section within the medicine records or in the Health Plan Medicine administration records include: <ul style="list-style-type: none"> identity of medicine quantity of medicine administered batch number(s) or bottle number linked back to the purchase records identification of the bird or group of birds to which administered number of birds treated date of administration date treatment finished date when bird becomes fit for human consumption name of person administering medicine reason for treatment

STANDARDS	HOW YOU WILL BE MEASURED
AM.f.1 Total antibiotic used per crop must be measured as milligrammes active antibiotic per population correction unit (mg/PCU) and recorded (Revised)	<ul style="list-style-type: none"> Total amount of antibiotics used per crop known by farm manager Total antibiotics used per crop calculated using the following method: 'Milligrammes of active antibiotic used per crop' divided by '(Number of birds slaughtered including rejects x 1kg)'
AM.f.2 Prophylactic administration of antibiotics is not permitted (New)	<ul style="list-style-type: none"> Antibiotics are used only therapeutically
AM.f.3 Antibiotic usage must be supported by veterinary intervention (New)	<ul style="list-style-type: none"> Use of antibiotics supported by at least one of the following: <ul style="list-style-type: none"> post mortem report site visit report by vet other written instruction from a vet
AM.f.4 The use of 3rd and 4th generation cephalosporins, glycopeptides and colistin are not permitted (New)	
AM.f.5 The use of macrolides and fluoroquinolones are permitted only in exceptional circumstances and only under specific direction of the supervising vet and written agreement from a company director of the company purchasing the birds (New)	<ul style="list-style-type: none"> Where macrolides and/ or fluoroquinolones are used, veterinary justification is available in one or more of the following forms: <ul style="list-style-type: none"> post mortem reports vet site visit reports veterinary instructions
AIM: Prevention of contamination in food	
AM.g Key Birds being treated must be clearly identified and prescribed withdrawal periods compiled with	<ul style="list-style-type: none"> System in place that ensures no birds are presented for slaughter before the withdrawal period has expired
AIM: Responsible and competent undertaking of husbandry procedures	
AM.h Key Mutilations are not permitted	<ul style="list-style-type: none"> This includes beak trimming, castration etc.
Where to find help	<ul style="list-style-type: none"> For guidance on the responsible use of medicines visit www.ruma.org.uk

STANDARDS	HOW YOU WILL BE MEASURED
<p>AIM: Fallen stock promptly removed, stored and disposed of to prevent contamination and spread of disease</p> <p>FS.a Fallen stock must be removed promptly from housing/ pens/ fields</p> <p>FS.b Carcasses of fallen and euthanased stock must be stored in a manner that protects them from vermin and other animals</p> <p>FS.c Carcasses must be disposed of correctly, either by collection by a licensed collector or by approved on-farm incineration</p> <p>Where to find help</p>	<p>Evidence that checks for fallen stock are regularly conducted and any found are promptly removed</p> <p>Carcasses are stored in locked containers</p> <p>Carcasses are disposed of before they present an infestation/ health risk</p> <p>Carcasses are not buried or burnt (other than by incineration)</p> <p>On-farm incinerators are covered by a species specific approval document issued by the APHA</p> <p>For guidance on animal by-products; storage, collection and disposal visit https://www.gov.uk/government/collections/guidance-for-the-animal-by-product-industry#transport,-storage,-handling-and-incineration</p> <p>Where to find help</p>

RESPONSIBLE USE OF AGROCHEMICALS (AG)

STANDARDS	HOW YOU WILL BE MEASURED
<p>AIM: Agrochemicals are stored, applied and disposed of in a manner that prevents contamination and pollution</p> <p>Plant Protection Products (PPPs) include, but are not limited to, pesticides, insecticides, fungicides, herbicides, molluscicides e.g. slug pellets</p> <p>AG.a Key Agrochemicals are stored in a manner that minimises the risk of contamination and pollution (Revised)</p> <p>AG.b Recommendation If PPPs are used it is recommended that an Integrated Pest Management (IPM) plan is completed</p> <p>AG.c Key Agrochemicals must be applied in a manner that minimises the risk of contamination and pollution</p> <p>AG.c.1 Agrochemicals must be applied by competent persons (Revised)</p>	<p>Agrochemicals are stored, applied and disposed of in a manner that prevents contamination and pollution</p> <p>Plant Protection Products (PPPs) include, but are not limited to, pesticides, insecticides, fungicides, herbicides, molluscicides e.g. slug pellets</p> <p>Agrochemicals include, but are not limited to, Plant Protection Products (PPPs), inorganic fertilisers, agricultural fuel oil, empty containers, disinfectants, rodenticides, other chemical products</p> <p>Agrochemicals are approved for use in the UK</p> <p>PPPs kept in their original packaging, or if packaging is broken they are transferred to a suitable container with a fitted lid/ cap and display original label information</p> <p>Emergency facilities are available for dealing with spillages e.g. bucket of sand/ absorbent granules/ an adequate sump/ bunding</p> <p>Inorganic fertilisers are stored on hard, dry surfaces and not stored with flammable materials</p> <p>Fuel tanks banded in accordance with the Appendix</p> <p>IPM plan relates to areas between housing and buildings on farm, grazing, forage and conservation land</p> <p>Applications relate to, but are not limited to grazing, forage, conservation land, areas surrounding buildings</p> <p>PPPs are not applied in unsuitable conditions e.g. when there is a risk of drift to non-target areas or soil conditions are unsuitable</p> <p>Manufacturers' instructions are followed at all times during handling and filling, application and disposal</p> <p>PPP application is undertaken by operators holding relevant City & Guilds NPTC Pesticide Application certificates or equivalent</p>

STANDARDS

STANDARDS	HOW YOU WILL BE MEASURED
<p>AG.d All PPP application equipment must be maintained and tested</p> <p>AG.e Records must be kept of all PPP application</p> <p>AG.f Key Wastes are disposed of in a manner that minimises the risk of contamination and pollution</p> <p>Where to find help</p>	<p>Boom sprayers hold an NSTS test certificate and are NSTS tested at least once every five years</p> <p>Foggers/ misters/ batch dippers and granular applicators hold an NSTS test certificate and are NSTS tested at least once every six years</p> <p>All application equipment less than five years old, knapsacks and handheld applicators do not need an NSTS certificate</p> <p>PPP application equipment is calibrated at least annually</p> <p>Records kept for applications made by staff and contractors</p> <p>PPP application records include:</p> <ul style="list-style-type: none"> name of crop/ area treated and total area treated (e.g. ha) name of operator application date, start and finish time name of product applied, information about product (e.g. grazing interval) dose rate, water volume, total product used weather conditions (e.g. wind speed/ direction) <p>Wastes are disposed of by registered waste carriers</p> <p>Wastes are not burnt (with the exception of vegetation and untreated wood)</p> <p>The Defra guidance document Protecting our Water, Soil & Air - A Code of Good Agricultural Practice for farmers, growers and land managers; the DARD Code of GAP for the prevention of pollution of water, air & soil; the Code of GAP for the Protection of Water, Soil and Air for Wales 2011</p> <p>Guidance to the Environmental Permitting Regulations can be found at www.gov.uk</p> <p>The Code of Practice for Using Plant Protection Products</p> <p>For a list of approved pesticides visit www.pesticides.gov.uk</p> <p>For a template IPM plan and more information on biojobs visit www.voluntaryinitiative.org.uk</p> <p>HSE Guidance on storing pesticides for farmers and other professional users</p> <p>Information on sprayer certificates of competency can be found at www.cityandguilds.com</p> <p>Details of NSTS approved test centres can be found at www.nsts.org.uk</p>

ACCIDENT REPORT

APPENDIX 02
GENERAL MANAGEMENT PROCEDURES



Once completed, this form should be passed to the person responsible for health and safety in your workplace.

1. About the person who had the accident
Give full name, home address and occupation

2. About you, the person filling out the form.
Give full name, home address and occupation

FULL NAME	FULL NAME
ADDRESS	ADDRESS
POSTCODE	POSTCODE
OCCUPATION	OCCUPATION

3. Please sign and date (the person filling in the report)

SIGNATURE	DATE
-----------	------

The person who has had the accident should sign and date if they have not filled in the report (as confirmation that they agree the accident recorded is a true and accurate record)

SIGNATURE	DATE
-----------	------

4. About the accident – when and where it happened

DATE	TIME
WHAT ROOM DID IT HAPPEN IN?	
HOW DID THE ACCIDENT HAPPEN?	
FIRST AID ADMINISTERED	

5. For the employer only

Complete the box provided if the accident is reportable under Reporting of Injuries, Diseases and Dangerous Occurrences 1995 (RIDDOR)

HOW REPORTED	
DATE REPORTED	EMPLOYERS NAME & INITIALS
REPORT PASSED TO PERSON RESPONSIBLE FOR HEALTH & SAFETY	DATE

Appendix 03
General Management Procedures

ALBRIGHTON POULTRY COMPANY

COMPLAINT RECORD

CROP NO:

Date	Name & Contact details of Complainant	Method of Complaint i.e. letter, phone or in person	Nature of Complaint	Action Taken

Appendix 03

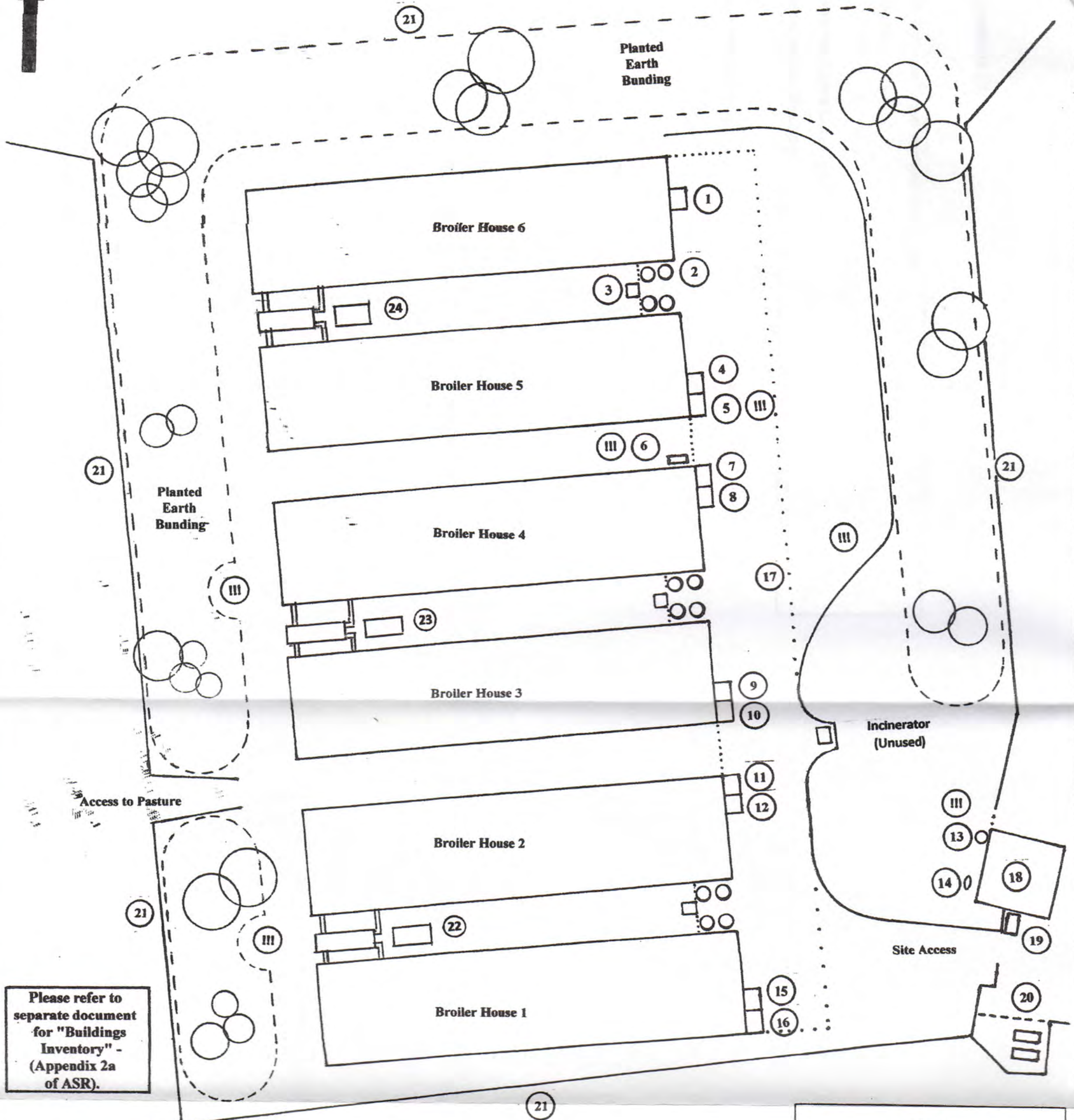
Application to vary an environmental permit

Part C3.5

Albrighton Poultry Company Ltd

Permit Number SP3636MN

Qu 5a Revised Site plan.



Please refer to separate document for "Buildings Inventory" - (Appendix 2a of ASR).

Legend	
1	Broiler House 6 control room
2	Feed hoppers (12 in total on site)
3	Feed shed (3 in total on site)
4	Broiler House 5 control room
5	Stores (Chemical)
6	Generator diesel tank
7	Generator house
8	Broiler House 4 control room
9	Broiler House 3 control room
10	Site office
11	Stores (General)
12	Broiler House 2 control room
13	Incinerator diesel tank
14	Site borehole
15	Broiler House 1 control room

16	Site washroom & toilet
17	Concreted area (dotted line)
18	Storage shed housing 10,000ltr mains water tank
19	Site Gatehouse
20	Site gas tanks (2 x 12,000ltr LPG)
21	Site boundary
III	Any potential sources of contamination
22	Ground Source Heat Pump 1 (575KW)
23	Ground Source Heat Pump 2 (575KW)
24	Ground Source Heat Pump 3 (575KW)

**IPPC Intensive Agriculture.
Broiler Site Plan A (Ref: B1.3ii)
Layout and Access.
(Appendix 2a of Application Site Report).**

Name: Albrighton Poultry Company Limited.
Site Address: Huffley Farm Broad oak Nr Shrewsbury Shropshire SY4 3AE
Date: January 2020
Scale: NTS
Prepared by: Albrighton Estate.
Grid Reference: SJ 490 172

Appendix 04

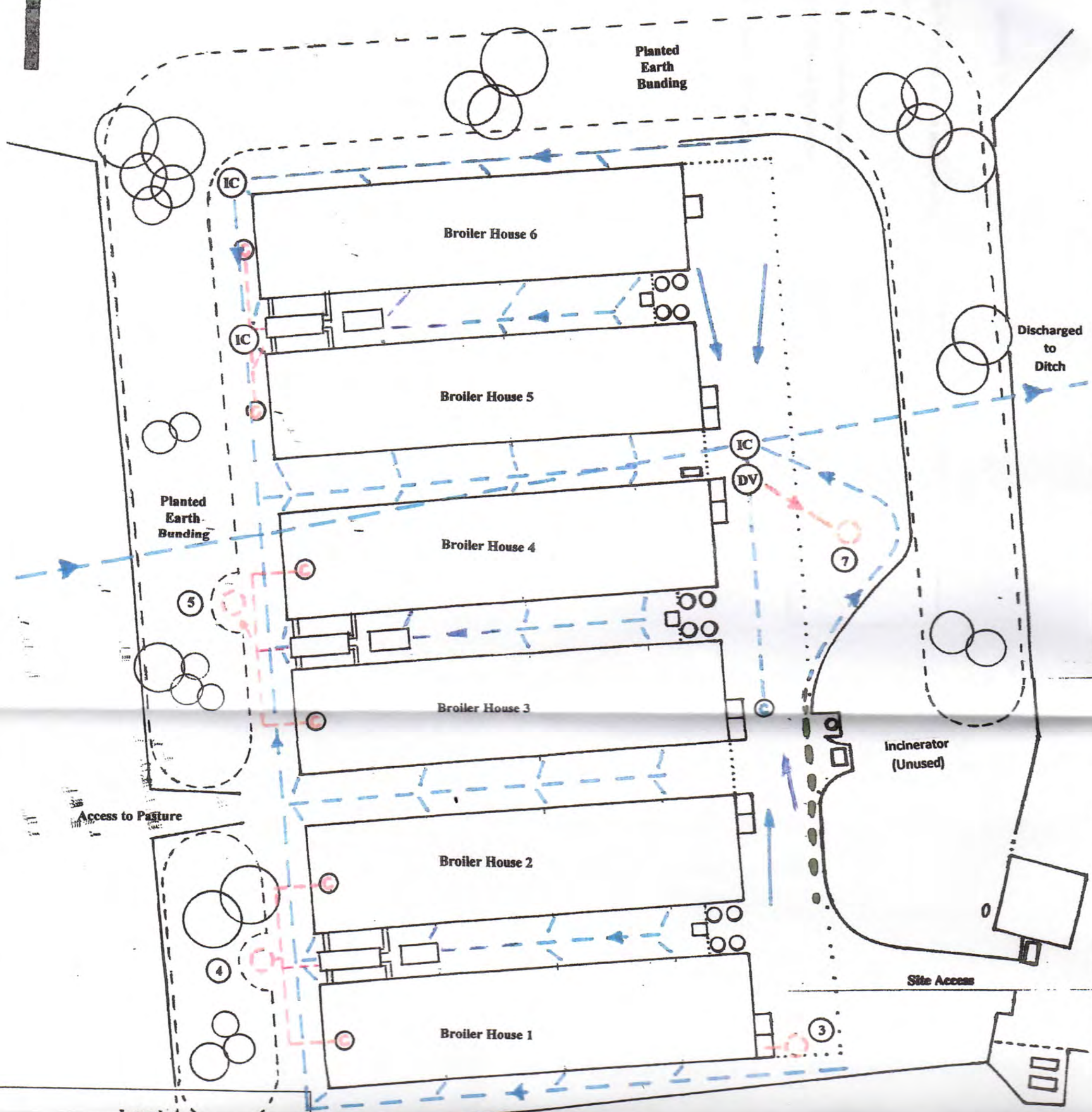
Application to vary an environmental permit

Part C3.5

Albrighton Poultry Company Ltd

Permit Number SP3636MN

Qu 5b Revised Site Drainage Plan.



Legend	
	Clean Water Drains
	Lightly contaminated Water Drains
	Dirty Water Drains
	Manholes and Inspection Chambers
	Diverter Valve
	Drain Inlet (Colour Coded)

Direction of surface flow	
	Clean Water
	Lightly Contaminated Water
	Dirty Water

Legend	
1	Mains water stop tap
2	Borehole
3	Wash Room Dirty Water Tank (500ltr)
4	Wash Down Water Tank (2000ltr) Houses 1 & 2
5	Wash Down Water Tank (2000ltr) Houses 3 & 4
6	Wash Down Water Tank (2000ltr) Houses 5 & 6
7	Dirty Water Tank (1000ltr)

**IPPC Intensive Agriculture.
Broiler Site Plan B (Ref: B1.3ii)
Site Drainage.
Appendix 4 of Application Site Report.**

Name: Albrighton Poultry Company Limited.
Site Address: Huffley Farm Broad oak Nr Shrewsbury Shropshire SY4 3AE
Date: January 2020
Scale: NTS
Prepared by: Albrighton Estate.
Grid Reference: SJ 490 172

Appendix 05

Application to vary an environmental permit

Part C3.5

Albrighton Poultry Company Ltd

Permit Number SP3636MN

Qu 8a Technical Standards.

The following page details the technical specification for the GSHP system.

Oilon P300 SU HC VFDx2 Ground Source Heat Pump System.

The pumps have a design capacity of 575kW, operating at 13°C input to the evaporator and 40°C output on the condenser, (please see overleaf for technical details of the pumps).

The air exchange units have a 22,500m³ air exchange rate, with a 5.5m chimney.

Please see accompanying EA letter suggesting a 35% reduction in ammonia emissions (following on from technical details over leaf).

P300 SU HC VFDx2

Optimized performance for chilling and heating

TECHNICAL DETAILS (±5 % ACCURACY) COP, SPF

Type to EN12900 AND EN14511 : P300 SU HC VFDx2

Number of units : 1
Refrigeration capacity acc. : 472 kW
Power consumption : 105 kW
Heating capacity : 575 kW
COP : 5.5

Heat source (evaporator)

Type of coolant : water/ethylene glycol (20.0 %)
Coolant inlet : 13.0 °C
Coolant outlet : 9.0 °C
Coolant flow rate : 28.1 l/s
Pressure loss in heat exchanger : 62 kPa

Heat sink (condenser)

Type of heating medium : water/ethylene glycol (20.0 %)
Heating medium inlet : 10.0 °C
Heating medium outlet : 40.0 °C
Flow rate heating medium : 4.9 l/s
Pressure loss in heat exchanger : 29 kPa

SPF (running condition 1) to EN14825

Evaporator temperatures : 13/9°C
Condenser temperatures : 10/40°C
Running Hours : 1550
Heating capacity : 575kW
Total heat energy output : 891250 (kWh)
Electrical Input : 157187 (kWh)
SPF : 5.6

Business Identity Code 2734431-3
VAT identification number FI27344313

Certified ISO 3834-2
Certificate reg. no. 2694-09

Certified ISO 9001
Certificate reg. no. FI120002

Certified ISO 14001
Certificate reg. no. FI121003

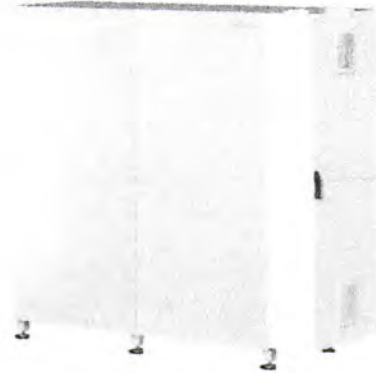
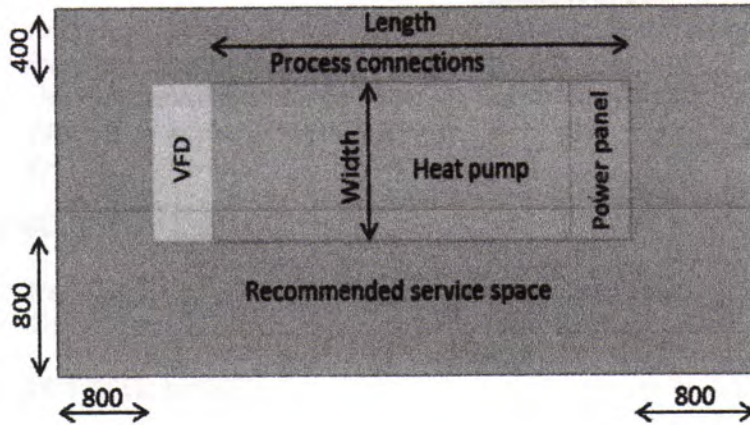
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VANTAA
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Kalevankatu 10
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Tel. +358 20 728 1868
Fax. +358 20 728 1874

DIMENSIONS

Approx. length : 2676 mm
Approx. width : 911 mm
Approx. height : 2056 mm
Approx. operating weight : 2600 kg



Business Identity Code 2734431-3
VAT identification number FI27344313

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Certified ISO 14001
Certificate reg. no. FI121003

UNIT

Type	: P300 SU HC VFDx2
Compressors	: 4 piston compressors
Refrigerant (amount)	: R134a (21.0 + 21.0 kg)
Description	: Heat pump with AISI 304/316 brazed plate heat exchangers. Compact and completely factory packaged unit, ready for connection on site, dismantled for transportation.
Capacity control	: 100 - 20 % (in design conditions)
Design pressure evaporator	: 31 bar
Design pressure condenser	: 31 bar
Amount of liquid connections	: 6
A-Weighted sound power level	: -

ENCLOSURE FINISHING

Painting	: Powder coating
Color	: RAL 9006

CONTROL UNIT

ChillHeat System Control for optimized performance.



- ✓ Modern and user friendly Mobile Drive app for unit control.
- ✓ Rugged PLC control.
- ✓ Cool and Heat mode switchover easily with one button.
- ✓ Local and Remote control with wide range of communication possibilities.
- ✓ Control signals for brine and condenser pumps.
- ✓ Data logging and trend report.

Controller communication	: Modbus RTU (Profibus available as an option)
Display language	: English, Finnish, Swedish, Norwegian, Estonian, Russian

SENSORS

Additional temperature sensors	: None
Flow switch	: Electronic flow switch on cooling side

Business Identity Code 2734431-3
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Certified ISO 14001
Certificate reg. no. FI121003

ELECTRICAL DETAILS

Voltage	:	400 V - 3 - 50 Hz (other options available upon request)
Degree of protection	:	IP 54
Power supply fuse	:	3 x 400 A
Switch on mode	:	Partial Winding + VFD
Type of power supply, delivered loose	:	Power panel with IP 54 protection including features, such as suitability for a TN-earthing system, main switch, emergency switch, contactors for oil heater, thermal over current release and safety fuses, power fuses, control transformer with double control safety, primary and secondary
Cable entry point	:	At the top
Current at design point	:	216 A
Starting current at design point	:	314 A
Maximum operating current	:	394 A
Maximum starting current	:	572 A

SAFETY DEVICES

Type	:	Double safety valve with changeover valve
Safety valve(s) acc. to PED	:	4 out of which 2 active

APPROVAL AND DOCUMENTATION

Approval for the Chiller Unit	:	Work's Certificate, Certificate of Conformity acc. to Machine Directive 2006/42/EC. Calculation and manufacturing acc. to EN 378.
Approval pressure equipment	:	Certificate of Conformity acc. to Pressure Equipment Directive (PED) 2014/68/EC modules A2 (P series) and B + C1 (RE and S series). Calculation and manufacturing acc. to EN 378.
Non-destructive testing	:	Non-destructive welding test acc. to EN 1445
Documentation consisting of	:	1 on CD, 1 in paper
Language of the documentation	:	English

EXCLUSIONS

Exclusion from scope of supply	:	Foundations, re-assembling on-site, water side pipes and valves, cold side insulation, electrical connection to the power panel of the chiller, spare parts and special tools, everything that is not specifically mentioned
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Business Identity Code 2734431-3
VAT identification number FI27344313

Certified ISO 3834-2
Certificate reg. no. 2604-09

Certified ISO 9001
Certificate reg. no. FI120002

Certified ISO 14001
Certificate reg. no. FI121003

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creating a better place



Dr Leon Furlong
Agro Supply UK Ltd
Unit 1 Sussex Court
Thirsk
North Yorkshire
YO7 3TA

Our ref: Heat Exchanger
Your ref:

Date: 9 May 2013

Dear Dr Furlong,

The Environment Agency accepts that heat exchangers used in broiler houses can be expected to produce reductions in ammonia emissions. The extent of the reduction will depend on the equipment used and will be site specific. With appropriate evidence and information with respect to a particular site we will usually agree a 35% reduction.

If you have any questions or require any further information please feel free to contact me.

Yours sincerely

A. J. Holdsworth

Alison Holdsworth

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