



TECHNICAL STANDARDS

DEVELOPMENT: **IPPC PERMIT VARIATION-
EPR/KP3130HL/V005**

LOCATION: **Great Ness Poultry Farm
Rodefern Lane
Nesscliffe
Shrewsbury
Shropshire
SY4 1AT**

CLIENT: **Great Ness Poultry Limited**

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Reviewed: December 2025

There will be no change to the Technical Standards of the Great Ness Poultry Farm as a result of this variation.

OPERATIONS

The operation of the farm will be in accordance with SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.

FEED

There will be no changes to the feed as a results of this permit variation.

Selection and use of feed are in accordance with SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.

HOUSING

There will be no changes to the housing as a results of this permit variation.

Housing design and management is in accordance with SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.

The housing is well insulated, and the sheds have a damp-proof course.

The sheds are fully insulated with a U-value of approximately 0.4 W/m²/°C to reduce condensation and heat loss.

The sheds are fan ventilated. Litter removed at the end of each production cycle, and removed off site. House is equipped with non-leaking drinking systems. In each of the broiler houses ventilation is provided by side inlets and high velocity ridge extract fans.

Steps as described in SGN EPR6.09 'How to comply with your environmental permit for intensive farming' will be taken to rectify any changes to the quality of the litter.

Temperature in the sheds meets the health and welfare needs for the age and the number of birds.

The fans are fitted with back draft shutters to prevent drafts and unnecessary heat loss.

The shed is accessed via the control room, which prevents drafts.

A computer automatically controls ventilation so that temperature is maintained for the age of the birds.

The ventilation management system controls the ventilation rates depending on the health and welfare needs of the birds and the outside weather conditions.

GENERAL MANAGEMENT

There will be no changes to the general management as a results of this permit variation.

In accordance with the management system at the farm, the buildings are regularly inspected and maintained. The floors and walls of the sheds are kept clean.

The site is regularly inspected and well maintained.

LIVESTOCK NUMBERS AND MOVEMENTS

A system is in place to record the number of animal places at Great Ness Poultry Farm and animal movements.

The records will be available for inspection.

SLURRY SPREADING AND MANURE MANAGEMENT PLANNING – OFF SITE ACTIVITY

There will be no changes to the manure management as a result of this permit variation.

Litter is not to be stored at the installation.

Litter will be exported from the permitted installation.

IMPROVEMENT PROGRAM

New houses constructed to BAT.

RAW MATERIALS

There will be no changes to the biomass boiler raw materials as a results of this permit variation.

Raw materials and fuel description	Specification
Fuel for biomass boiler units	Biomass chips or pellets comprising virgin timber, straw, miscanthus; or a combination of these.

The total quantity of waste accepted at the site for the above activity shall be less than 1,100 tonnes a year

Waste Code	Description
15 01 03	Wooden packaging (visibly clean wooden packaging including pallets, where no chemical treatments have been applied).

19 12 07	Wood other than wood containing hazardous substances (19 12 06) from waste management facilities (sources segregated visibly clean waste wood such as pallets where no chemical treatments have been applied. The post segregation of mixed wood streams from civic amenity sites or skip hire operators is not permitted).
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EMISSIONS AND MONITORING

Table of emission points;

There will be no changes to the emissions points as a results

EMISSION POINT DESCRIPTION/ SOURCE AND LOCATION	SOURCE
AIR	
Roof fan outlets on buildings 1 - 10 as shown on the 'Emissions plan'	Poultry Houses 1-10
Gable end fan outlets on buildings 1-10 as shown on the 'Emissions plan'	Poultry Houses 1-10
Vent from oil tank serving generator as shown on the 'Emissions plan'	Oil Tank
Exhaust from site generator as shown on the 'Emissions plan'	Standby Generator
Emissions from 1 biomass boiler as shown on the 'Emissions plan'	0.885 MWth biomass boiler
Emissions from one biomass boiler subject to MCPD as shown on the 'Emissions plan'	1.1 MWth boiler
LAND & WATER	
Emissions to swale soak away as shown on site drainage plan	Concrete yard water and roof water from poultry houses 1 - 10
Emissions to swale soak away as shown on site drainage plan	Water draining from yard (excluding poultry house wash out periods)
Emissions to swale soak away as shown on site drainage plan	Roof water from poultry houses 1-10

FUGITIVE EMISSIONS

Appropriate measures for preventing and minimising fugitive emissions are in place in accordance with the SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.

Areas around buildings will be kept free from build-up of manure, slurry and spilt feed.

Footbaths will be managed so that they do not overflow.

Drainage from animal housing and water from cleaning out will be collected in underground storage tanks (referred to as 'dirty water tanks') as shown on the site plan and drainage plan for Great Ness Poultry Units. Diverter bungs will be used during wash down periods to prevent the contamination of surface water systems and to divert the wash water to the dirty water tanks. This will be drained and spread on operator-controlled land at the end of each wash down cycle. Clean drainage systems will not be contaminated.

The dirty water tanks will be built to conform to specifications in SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.

Spent disinfectants will be added to the dirty water collection tanks.

DUST

Feed is stored in purpose built covered feed silos located next to the broiler sheds.

No milling or mixing of feed takes place at the farm. All feed is delivered to the farm by lorry from feed suppliers. Feed is blown directly from the lorry into the storage silos.

Feed is piped from the silos to the sheds minimising dust emissions.

Ventilation systems are operated to achieve optimum humidity levels for the stage of production in all weather and seasonal conditions.

Control of minimum ventilation rates is planned to avoid the build-up of moisture in the houses. Ventilation is appropriate to the age and weight of the animal.

The sheds are managed to maintain the poultry litter in as dry and friable condition as possible. Dust is controlled through the management of litter and air quality.

The houses will have roof ventilation and Gable end fan outlets.

Litter is not stored at the site.

CARCASS MANAGEMENT

Fallen stock is disposed of in accordance with the current Animal By-Products Regulations. Carcasses will be stored in sealed vermin proof containers awaiting regular collection by a licenced renderer. Records of dates, quantities and destination will be held on site.

FLIES/PEST CONTROL

A pest control contract will be in place using a specialist contractor. Appropriate actions will be put into place to prevent and control flies should a nuisance arise.

BUNDING AND CONTAINMENT

Agriculture Fuel Oil and other Chemical Storage

The fuel oil storage tank for the generator is bunded. The bund meets the requirements of the Water Resources (Control of Pollution) (Silage, Slurry and Agricultural Fuel Oil) Regulations 2010 (SSAFO Regulations) and meets the requirements outlined in SGN EPR6.09 'How to comply with your environmental permit for intensive farming'. The tank will be regularly inspected.

FOODSTUFF

Feed is kept in silos adjacent to the broiler units. No liquid feed is stored at the site. The silos are sited away from the site traffic and protected from collision damage by guard rails.

ODOUR

There are neighbours (sensitive receptors) within 400 metres of the farm. In accordance with SGN EPR6.09 'How to comply with your environmental permit for intensive farming' see Noise Management Plan.