

Document Reference HB4

Hoseley Bank Poultry Farm- EPR/ EP 3932 CC

Variation Application September 2022

The following equipment is being installed in Sheds 2, 3 and 4 at Hoseley Bank Poultry Farm to improve bird welfare and improve water efficiency.

SKOV High Pressure Cooling (Misting) System

Overview

With correct high pressure cooling (HPC), it is possible to reduce the temperature inside the livestock housing by adding atomised water droplets into the incoming air flow. The patented FlexClamp nozzle holders can be placed anywhere along the installed water piping system which allows for optimal positioning. A filtration system is incorporated between the nozzles and pump reducing the risk of jet clogging.

The use of the HPC/Misting system is used to increase humidity at the start of the crop which is often too low for chick start.

The system can also be utilised during periods of hot weather to reduce bird stress and improve the environmental conditions within the poultry houses.

System to be installed

352 (total) x FlexClamp Nozzles of 0.2 mm diameter spread between Houses 2, 3 and 4

1 Pump/House providing 21/litres/min through the system as required.