



**I.E.D.**  
**Installations**  
**Limited**

**Committed to**  
**Service**

#### NESS HEATH FARM SCHOOL OF VETERINARY SCIENCE

- **Project Value: £325,000**
- **Project Type: Electrical Upgrade**
- **Project Aim: Electrical Re-Wire**
- **Project Completion: August 2023**

#### NESS HEATH FARM SCHOOL OF VETERINARY SCIENCE

Ness Heath Farm is a University of Liverpool School of Veterinary Science and is based in the Institute of Infection, Veterinary and Ecological Sciences. The Universities mission is to advance the health and wellbeing of animals, people, and the environment through excellence and innovation in education, research, and clinical service.

The research aims are to have a positive impact on the health and wellbeing for the city, country, and planet. The University Research will do this by focusing on areas where they are confident they have, or can develop, world-leading expertise in animal care.

Working alongside the Building Consultant Ernest Griffiths and Integral UK, IED were responsible for the Electrical Design Development, Installation, and commissioning of our electrical systems. The electrical Installation was to isolate, strip out and re-wire the entire footprint consisting of 3 Sheds, 1 Polytunnel, 2 Barns and the Main Building and Office specific to Pig & Cow Breeding.

We worked Closely with the Lead Farmer and Staff to coordinate the soft strip of the barns, Polyntunnel and Sheds to coincide with the animal movements to ensure they were not in any way stressed by our works.

Our Installation programme was an 8 Week turn round with the project delivered on time August 2023.

The project consisted of:-

- ❑ Electrical & Emergency Smart Lighting LED System
- ❑ Cable Duct Coordination with Calco Civils
- ❑ New LED Lighting & Emergency
- ❑ Lighting (Self-Test)
- ❑ New Lighting Control
- ❑ General Small Power
- ❑ New BMS Controls
- ❑ New Distribution and Mains Smart Metering
- ❑ New GRP Enclosure for Future Generator
- ❑ New L1 Fire Alarm

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