



A.Wilson Electrical Services LTD

COMPANY INTRODUCTION & CAPABILITY STATEMENT

INDUSTRIAL ELECTRICAL SERVICES

Commercial, industrial, renewable-energy and process environments

LV DISTRIBUTION

Submains, boards and plant supplies

INSTALLATION

Containment, cabling and industrial lighting

HANDOVER

Testing, cable calculations and as-built drawings

A practical, director-led electrical contractor delivering coordinated installation, safe site working and complete project handover.



A PRACTICAL INDUSTRIAL ELECTRICAL PARTNER

A. Wilson Electrical Services LTD supports plant operators, principal contractors, M&E contractors and project teams with commercial and industrial electrical installation, upgrade, testing and maintenance work.

Our approach is built around clear scope definition, sensible planning, safe execution and maintainable installations. We are comfortable working in active facilities where permits, access, existing services and production requirements must be coordinated carefully.

From LV distribution and long-distance submains through to industrial lighting, local isolation, testing, cable calculations and as-built records, we can deliver complete packages or operate as a specialist subcontract partner.

COMPANY SNAPSHOT

- Director-led planning and communication.
- Based in Airdrie; work across Scotland.
- Direct contractor or specialist subcontractor.
- Industrial, process, energy and commercial sectors.
- Company No. SC574041.
- NAPIT registered electrical contractor.

WHAT CLIENTS CAN EXPECT

Practical surveys

Early review of routes, access, equipment interfaces and project constraints.

Controlled delivery

RAMS, permits, isolations and coordination matched to the site.

Maintainable installation

Logical routes, robust equipment and clear circuit identification.

Complete handover

Testing, certification, calculations, labels and as-built records.



CORE ELECTRICAL SERVICES

Flexible support for new installations, upgrades, shutdowns, remedials and planned maintenance.

LV distribution & submains

Distribution boards, switchgear, submains, local isolators and plant supplies.

Containment & cabling

Ladder rack, tray, trunking, SWA cabling, glanding, terminations and bonding.

Plant connections

Electrical supplies to packaged equipment, ventilation, motors, roller shutters and controls.

Industrial lighting

High-bay, emergency and external lighting, controls, photocells and test facilities.

Inspection & testing

Verification, fault finding, certification, remedial works and commissioning support.

Maintenance & upgrades

Planned maintenance, small works, distribution upgrades and lighting replacement.

Decommissioning

Safe isolation, disconnection, strip-out and phased shutdown support.

Documentation & handover

Cable calculations, test results, schedules, labels, as-built drawings and completion packs.

ONE COORDINATED WORK PACKAGE

Survey, route planning, procurement, installation, testing and handover can be managed under one point of responsibility.



SECTORS AND OPERATING ENVIRONMENTS

SECTORS WE SUPPORT

- Anaerobic digestion and biogas facilities
- Battery storage and renewable-energy projects
- Waste, recycling and material-processing sites
- Manufacturing and process plants
- Agricultural and industrial storage buildings
- Warehouses and commercial facilities

ENVIRONMENTS WE UNDERSTAND

- Operational sites with existing services
- Permit-controlled and access-restricted work areas
- Outdoor, damp and process-influenced environments
- High-level routes requiring MEWP planning
- Long cable runs and heavy containment systems
- Interfaces with plant packages and other contractors

COMPLIANCE AND SUPPORTING INFORMATION

NAPIT registered

Electrical installation and certification.

Public liability

Insurance in place.

Employer liability

Insurance in place.

RAMS

Project-specific risk assessments and method statements.

Permit systems

Permit-to-work procedures followed where required.

Health & safety

Company H&S policy and safe-working procedures in place.



HOW WE DELIVER PROJECTS

1

SURVEY & DEFINE

Review routes, supplies, access, interfaces and client requirements.

2

PLAN & COORDINATE

Agree scope, programme, RAMS, permits, materials and responsibilities.

3

INSTALL

Deliver containment, cabling, equipment, terminations and identification.

4

TEST & VERIFY

Record test results, functional checks and any defects requiring action.

5

COMMISSION

Coordinate energisation and prove the installation with relevant parties.

6

HANDOVER

Issue certification, calculations, schedules, labels and as-built information.

DESIGN AND HANDOVER DOCUMENTATION

AS-BUILT ELECTRICAL DRAWINGS

- Cable and containment routes
- Distribution boards, panels and isolators
- Lighting and control arrangements
- Plant supplies and equipment locations
- Drawing numbers, revisions and final status

CABLE CALCULATIONS & RECORDS

- Design current and protective-device selection
- Cable size and installation conditions
- Voltage-drop assessment
- Earth-fault and disconnection requirements
- Supporting design and handover records



TAMBOWIE BIOGAS PLANT

RENEWABLE ENERGY & INDUSTRIAL

Building services and odour-control electrical supply | Completed April 2026



Industrial project environment



Completed high-bay lighting

PROJECT OVERVIEW

A. Wilson Electrical Services LTD delivered coordinated electrical packages across a live biogas facility. The scope included a new supply to specialist odour-control equipment, major containment and cabling works, new distribution infrastructure, industrial lighting, emergency lighting, external lighting and roller-shutter supplies.

BUILDING SERVICES PACKAGE

- New three-phase distribution equipment
- Industrial high-bay lighting across three buildings
- Emergency and external lighting
- Roller-shutter electrical supplies and local isolation
- Testing, certification and handover records

ODOUR-CONTROL SUPPLY PACKAGE

- Long-distance industrial submain
- High-level ladder-rack containment route
- SWA cabling, glanding, bonding and terminations
- Connection to specialist process equipment
- Cable calculations and as-built documentation



WHY PARTNER WITH A. WILSON ELECTRICAL SERV

Director-led delivery

One point of contact from enquiry and quotation through to handover.

Industrial mindset

Practical understanding of access, permits, interfaces and maintainability.

Complete packages

Containment, cabling, equipment, testing, labelling and records coordinated together.

Flexible engagement

Suitable for direct appointments, subcontract packages, phased works or maintenance.

CLIENT FEEDBACK



“Adam and his team have completed many jobs across our three AD plants on the east coast. All aspects of his work is of a high standard and were finished on time. I would recommend A. Wilson electrical.”

IAN FRASER - ATLANTIC BIOGAS | GOOGLE REVIEW

PRE-QUALIFICATION INFORMATION

- NAPIT registration, insurance evidence, policies, RAMS and project records available during onboarding or tender review.
- Competence and training evidence can be provided where required.



LET'S DISCUSS YOUR NEXT PROJECT

Send a drawing, specification, cable schedule, site photograph or outline scope, or arrange a site visit to review the requirement.



Industrial containment and cabling

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Company No. SC574041

NAPIT registered electrical contractor

HOW WE CAN HELP

- Site surveys, route planning and scope development
- Budget estimates and tender support
- Commercial and industrial installation packages
- Testing, remedial works and planned maintenance
- As-built drawings and cable calculation records
- Decommissioning, shutdown and project support

SAFE. PRACTICAL. DOCUMENTED.

Commercial and industrial electrical services across Scotland



MULTI-SITE EICR & REMEDIAL WORKS

ANAEROBIC DIGESTION | INSPECTION, TESTING & REMEDIAL DELIVERY

Three operational AD plants | Two sites in Aberdeen and one site in Glenrothes



PROJECT OVERVIEW

A. Wilson Electrical Services LTD was appointed to complete Electrical Installation Condition Reports across three operational anaerobic-digestion plants: two sites in Aberdeen and one site in Glenrothes. Following the inspections, agreed remedial works were carried out to address identified observations and improve the condition and maintainability of the installations.

INSPECTION & REPORTING

- Planned inspection and testing of the fixed electrical installations.
- Electrical observations recorded and classified within the EICR process.
- Clear reporting provided to support remedial planning and prioritisation.
- Work coordinated around operational AD plant requirements.

REMEDIAL WORKS

- Agreed remedial works completed following the inspection findings.
- Repairs and corrective works carried out across the three sites.
- Affected circuits and completed works retested where required.
- Certification and completion information updated following remedial work.

CAPABILITY DEMONSTRATED

- Consistent multi-site inspection and reporting across three renewable-energy facilities.
- Repeat delivery for an operator with sites in different locations.
- Ability to progress from inspection findings into practical remedial work.
- Experience working within operational anaerobic-digestion environments.