



# Phoenix Engineering

## Control Systems Specialists

Phoenix House, Scarne Mill Industrial Estate, Launceston, PL15 9GL  
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www.phoenix-engineers.co.uk

### Personal Details

<b>Name</b>	Terry Trewern
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<b>Preferred Mailing Address</b>	As above
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### Qualifications

<b>Qualifications obtained</b>	JIB Approved Electrical Engineer
<b>Memberships</b>	Institute of Engineering Technicians Institute of Refrigeration Chartered Institute of Waste Management

### Career History

Southampton Hospital management committee	Time served (7years) electrical apprentice and progression through to electrical engineer for the five hospitals "New Forest Group".
Beale & Cole	Electrical foreman for various projects at Exeter University, Exeter College, Devon County Council contracts, boiler room upgrade projects throughout Devon schools.
Crown House Engineering	Charge hand / foreman for various parts of the new build Devonport Nuclear Submarine refit complex. Responsible for the installation of 11kv / 440v transformers and cabling on 5 floor levels. Also, project managed the installation of 3 X 3.3kv Carlyle screw air conditioning compressors and all associated plant room works in liaison with the MOD resident engineer.
TES Ltd	Director and electrical engineer. Responsible for design and installation on many electrical contracts. The larger projects being for food factories, supermarkets, cold stores, blast freezer facilities and abattoirs.
Phoenix Engineering	Founder of Phoenix Engineering, primary role as Director and electrical engineer but also involved over the last 20 years with client relationship building, marketing and service offering development, fabrication and manufacturing management, project and contract management, mechanical design and installation.

Registered Office: Hunters Lodge, Virginstow, Beaworthy, Devon EX21 5EA Phoenix Electrical Engineering Services Ltd  
T/A Phoenix Engineering, V.A.T. Number: 673 9428 93 Registered England No: 3135186





## Pen Profile

Terry is an electrical engineer with many years' experience in installations and designing. After a good grounding in most aspects of electrical industrial and commercial works Terry has continued to gain experience and study the many changes that have occurred in the electrical sector during his 50-year career.

Terry is currently responsible for designing, procurement and management of electrical installations, lighting, lightning protection, NICEIC compliance, electrical aspects of H&S / CDM, some mechanical designs and procurement plus overall management of works undertaken at Phoenix House. These works include design and build of control panels, steel fabrications mainly of stairs and platforms to BS1090 class 2, containerised control room fit outs and various skid mounted pump assemblies.

Terry has been involved with over 50 major refurbishment and new build leachate treatment plants. The scope including from 11kv power supplies through to millivolt signalling circuits.

Currently involved as project director on a 2 year part government funded collaboration with the University of Plymouth to investigate new biotechnology to treat trace contaminants that remain in the effluent discharge from leachate treatment plants.

## Relevant Projects Undertaken

With over 50 projects in the waste sector they are not listed here. Please refer to the Phoenix Engineering brochure which lists all projects. This brochure can be found on our website, along with various case studies at <http://www.phoenix-engineers.co.uk/>.

## Other Projects Undertaken (Further project references can be provided on request)

Devonport Nuclear submarine refit complex – various supervisory rolls  
BNF Hinkley A reactor – replacement of cooling PLC and software  
Abattoir electrical works in Cornwall, Devon and Somerset.  
Sewage treatment plants – various electrical and control works on 10 plants  
Devon Desserts – many upgrades and additions to food factories  
Abbeyvale bakery – electrical, temperature monitoring and refrigeration for new factory  
4 off composting plants – electrical and controls  
3 off recycling centres – electrical and controls  
Refrigeration installation electrical and controls on many supermarkets for such as Tesco, Gateway, Fine Fare.