

# PHOENIX UTILITIES



Meeting Your Utility Needs

# WHAT WE DO

We specialise in the full **design** & **construction** of Electrical LV & HV, Gas and Water Networks

**DESIGN & BUILD** 

•GAS

→WATER→ELECTRIC

•CIVILS

We passionately believe in high quality multi-utility design and installation is a valuable resource to our customers. Giving them the confidence to focus on other aspects of their projects.

That's why we at Phoenix Utilities dedicate our business to developing and delivering multi-utility solutions to companies that aspire to market leadership.

Kenny Nicol, Director



**Electrical Networks** 

Gas Networks

Water Networks

## **WHO WE ARE** FINDING A SOLUTION TO MEET YOUR UTILITY NEEDS

Phoenix Utilities Ltd are a multi utility contractor based in Ayrshire, Scotland who provide a range of Civils, Gas, Electric and Water design and installation services both in the private and public sectors across the UK. Phoenix Utilities Ltd hold a wealth of experience and expertise in these fields and can offer competitive and alternative solutions to your project.

Phoenix Utilities Ltd is one of the UK's fastest growing and

innovative Multi Utility providers for all the UK. We provide an 'exemplary' service and offer over **100 years** experience throughout all areas of our business.



# **DESIGN AND BUILD**

## WHAT WE CAN DO

### **Design Services**

WIRS accredited to carry out Water Mains design. WIRS accredited to carry out Water diversion design works. GIRS accredited to carry out Gas Mains design (inc Risers) NERS accredited to carry out LV mains design and HV (up to 11kV) design including substation works.



### **Construction Services**

WIRS accredited to carry out installation of water mains and services.

WIRS accredited to carry out routine and non -routine connections in Scotland including disconnections, primary and secondary tie in works (SCMC)

GIRS accredited to carry out gas mains and service works.

NERS accredited to carry out LV & HV (up to 11kV) cable installations, jointing works (live on LV) and substation installation works.

## <u>Civils</u>

Excavation, backfill, reinstatement of works. Onsite trench excavation for MU3—MU6 spec trenches.

Phoenix Utilities are proud to be NERS, GIRS and WIRS accredited company as well as being listed with the Gas Safe Register.

# ELECTRICAL NETWORKS

## WHAT WE CAN DO



Phoenix Utilities Ltd are fully accredited to design projects in the Industrial, Commercial and Domestic sectors up to and including 11kV substation design. As part of our design process our experienced design team will assess the project to determine the most economical solution and advise of any areas where we feel a change would allow a positive impact.

Phoenix Utilities Ltd are accredited for cable laying up to 33kV which includes multicore and single core cabling to various specifications and manufacturers. We offer a complete Design, supply and installation service to ensure compliance with current specifications. Our installation process includes periodic testing to identify any issues at an early stage.





Phoenix Utilities Ltd can complete both Live and non Live LV cable jointing across various DNO/IDNO networks utilising various specification and manufacturers of cable joints.

For 11kV jointing we complete all relevant cable works to the point of connection to the existing host DNO/IDNO network. These works include all cable laying, jointing and pre commissioning testing in preparation for the energisation the network.

Phoenix Utilities Ltd design, procure, install and pre commission a range of substations to meet each projects needs.

Installations will normally comprise the standard arrangements for the unit type close coupled 500kVa to 1000kVa capacity equipment, which is held within a custom substation building.



## GAS NETWORKS WHAT WE CAN DO



We have a highly experienced and skilled team, providing gas network design and construction expertise which is highly beneficial to our clients.

For the benefit of our customers we ensure cost savings as well as minimal impact to local communities. Phoenix Utilities has an in-depth knowledge both industry and regulatory.

Our team have the expertise to design gas networks into locations including reinforcements and diversions. To again benefit our customers with cost savings as well as minimal impact to local communities, our design team use trench-less technologies.

### Gas Industry Registration Scheme (GIRS)

This is a scheme administered by Lloyds Register that enables companies with the relevant expertise and processes to achieve accreditation as competent Gas Designers, Project Managers, Auditors, etc.

We are fully accredited for Design under the Scheme. We can design and construct new gas infrastructure ,which is then adopted by Gas Transporters without the need for the extensive detail normally required.

#### Services available to Developers

We will carry out gas network design calculations, design the pipe size and capacity, pipe route, also providing details of all the required materials.

We will deal with the service providers who transport gas to the end user, ensuring smooth passage of all paperwork required and provision of gas in a timely manner.

We work with the Gas Network Operators constantly and can deal with all your needs for gas provision to large or small projects.

# WATER NETWORKS

## WHAT WE CAN DO

#### **Design**

Our team here at Phoenix Utilities are made up of experienced individuals in the industry, assigned to roles specifically committed to water network design. As part of the water design process, we design and cost the water infrastructure to meet the requirements of every project. We manage the whole process including communicating with our internal operations and site team.

Before transfer of the water network designs, our team will undergo full liaison with the local water companies to guarantee the connection of the assets. This is accomplished through the strict national standards for design approval.





#### **Construction of Mains & Services**

The installation of the full network framework of water mains and services by Phoenix Utilities includes excavated, backfilling and reinstatement.

We are registered on the (MURS) Multi-Utilities Recognition Status providers website as part of our WIRS accreditation.

After the installation process, our team will begin the commissioning of pressure testing, disinfection and final connection to the live water network, prior to transferring the new water assets to the regional authority.

Phoenix accreditations include, CRMC, construction of routing mains connections, CNRBC construction non routine complex mains branch mains connections. Contact our team today for more information.



## Phoenix Utilities are one of the UK's largest multi-utility contractors.

Providing top quality multi-utility design and installation with exemplary customer care for our clients."

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