Pressure Testing, Chlorination & Commissioning Services
For Gas & Water Pipelines
Pipeline Pressure Testing

RadiusPLUS have the expertise and equipment to offer a full hydrostatic, pneumatic and advanced (acoustic) pressure testing service for your gas and water polyethylene or metallic mains. Our pressure testing service is performed to industry standards by GNO2, Gas Safe or City & Guilds qualified technicians who come fully equipped to carry out the operation. With facilities in strategic locations throughout the UK, we can provide nationwide pressure testing and chlorination services.

Hydrostatic Pressure Test

The hydrostatic pressure test is the most common method employed for testing water pipes and is also used as a proving test for gas systems designed to operate above 2 bar, before a pneumatic test is applied.

- WRc type 1 and type 2 tests carried out
- Proves the integrity of a gas or water main
- Carried out in accordance with WRc, BS EN 805 and Gas Industry Standards
- Disposal of water in accordance with Environmental Regulations
- Full data logging and test certification

Pneumatic Pressure Test

The pneumatic pressure test is a leakage test that demonstrates the leak-tightness of a polyethylene or metallic gas main. All our operations are carried out by our GNO2 or Gas Safe certified technicians who test and commission downstream pipework.

- Drying operations carried out in accordance with IGE/TD2/Ed4
- Full data logging and test certification
- Hydrostatic proving test can also be carried out prior to pneumatic test for intermediate pressure gas main
When you need to commission a new gas or water pipeline or a new connection, RadiusPLUS have the competencies and skills to carry out hydrostatic, pneumatic and advanced (acoustic) pressure testing, as well as chlorination of your water pipeline to industry specifications, using our own mobile teams and specialist equipment.

Chlorination of Water Pipelines

RadiusPLUS have fully equipped mobile units to carry out chlorination and de-chlorination of all water pipelines to your specification or industry guidelines, before the main is commissioned. Using specialist equipment, our own water tanks and calibrated trailers, the chlorination process is carried out by the addition of sodium hypochlorite through the dosing trailer. Once the chlorination process is complete, we de-chlorinate the water using sodium bisulphite before it is safely discharged in accordance with Environmental Regulations.

- Test carried out by competent Water Hygiene and City & Guilds certified technicians
- Water supply integrity maintained
- Specialist dosing trailer for chlorination and de-chlorination of main
- Water sampling and laboratory testing available
- Full data logging and chlorination certification
- Safe disposal of de-chlorinated water
RadiusPLUS - Where Smart Solutions Flow

RadiusPLUS is a wholly owned subsidiary of Radius Systems. To provide you with the confidence to use modern pipe systems, our team of expert engineers and technicians provide services for the whole lifecycle of your asset from initial design and construction, alterations and repairs to decommissioning, safely and effectively. We can take care of it all.

Fully qualified and accredited to the most stringent industry standards, operating in an ISO 9001 quality management system, we have worked in street works environments with major utilities, with estates containing private networks - including work with a need for security vetting - in the renewable energy and nuclear decommissioning sectors.

We put safety and quality first. Once you have told us what you need, our expert will work with you to help you find the right solution to maximise the success of your infrastructure.

We pride ourselves in finding solutions that fix the problems, so if you are planning a new pipeline infrastructure, or are faced with a challenge that require the knowledge of experienced field engineers, we are here to help you.

Contact us, or visit our website for more information

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