

## **Full Job Description - Water Management & Leakage Detection Apprentice**

Full-Time/Permanent/40 hrs per week

Salary £24,000/Annum – Minimum Salary on Completion £26,000/Annum

### **About Us**

E McMullan Ltd was established in 1999 and is now one of Northern Ireland's leading water management companies. The company has continually evolved with our clients and now provides a full range of multi-disciplinary environmental and engineering services specialising in leakage detection, water network pressure management, utility/topographical surveying, and the provision and management of Geographical Infrastructure Systems (GIS).

EMM have established a reputation for excellence using the latest technologies and innovations to enhance the delivery of their services and to advance how our clients manage their assets and the environment. We work in partnership with some of the leading utilities, construction and industrial companies in the UK and Ireland; we are driven by our principles of accuracy and quality, always.

### **About the Role**

We are currently seeking a number of Water Management & Leakage Detection Apprentices, with an ambition to work in the water industry. We recognise that our people are what make us a great place to work, so we're always looking for talented individuals that have the drive and ambition to help the environment by reducing water leakage.

No prior water industry experience is necessary, however candidates will have the required qualifications, professional attitude and methodical approach to their work. The company will provide all successful candidates with a 12-month apprenticeship programme of structured training resulting in a CABWI Level 2 Diploma in Water Operations, associated Health and Safety certifications and an opportunity for career progression.

Being an Apprentice, you will work alongside experienced Water Management & Leakage Engineers assisting in leakage management on both public and private water networks. Working outdoors you will develop the skills to carry out a full range of water management and leak detection activities on behalf of our clients to include:

- Design and verification of Water Network Zones (District Meter Area)
- Carrying out and documenting leakage and water use assessments
- Analysing network operating pressure, determining and controlling optimum pressures
- Completion of GIS, plotting leakage detection progress along with all associated daily reports
- Assisting with completion and compliance of all company returns and H&S reports
- Assisting with programming, deployment, collection and analysis of flow, pressure and acoustic logging equipment
- Assisting with the design of step tests and production of all associated information
- Compiling and issuing waste notices in compliance with client procedures and provide assistance with customer side leakage
- Assisting with all forms of leakage detection under the direction of a lead technician to include
  - Carryout valve operations on the water network
  - Carryout water pressure checks and installing pressure logging equipment
  - Checking flow data and installing loggers on flow meters
  - Identifying and resolution of customer side leakage
  - Deployment, collection and analysis of flow, pressure, acoustic and hydro loggers

## About the Candidate

- Secondary level education, preferred subjects - Maths, IT-Computing, Science, Geography and English
- Previous outdoor work experience
- Professional attitude and good interpersonal and communication skills
- Adhere to Management Structure and follow all Company Policy, Procedures and Directions
- Target driven to contribute towards the achievement of contract objectives
- Good numeracy and computer skills to include a familiarity with spreadsheets and mobile applications
- Hold a full valid clean driving license and have transport to and from work sites
- Ability to cope with the physical nature of the role including entry into confined spaces
- Available to work out of hours if required
- Be able to work safely and responsibly at all times
- Obtain a standard Access NI certification

## Useful Previous Experience

Experience in the following would be beneficial but not essential:

- Previous civil or construction site work
- IT experience to include a familiarity with GIS software
- Active farming background used to daily problem solving
- Health & Safety Regulations

## What Successful Candidates will get from us

- CABWI Level 2 Diploma in Water Operations
- Associated Health and Safety certifications
- An opportunity progression within the company
- 20 days holidays & 10 public holidays per year
- Pension Scheme (after a qualifying period)
- Use of all the latest technologies including experience in GIS applications
- Be part of the change – now more than ever it is an exciting time to work in the water industry with a company who is committed to developing our talent.

For further information visit our website [www.emcmullan.co.uk](http://www.emcmullan.co.uk)

Application by CV only to [jobs@emcmullan.co.uk](mailto:jobs@emcmullan.co.uk)