



Course Title: Electrical Awareness Training (7297)	
Duration: 1 Day	Certification: LASNTG Certification
Expiry Period: N/A	Award: Attendance Certificate

Aim of Programme:

To provide a basic knowledge of the electrical equipment typically found on Irish Water and Local Authority sites, for all site attendees who are not electricians or electrical engineers. To outline typical electrical hazards that may be encountered on site, safe working procedures, and measures that are in place to protect site attendees.

Target Learner:

This training programme is for learners of all grades.

Learning Outcomes:

On completion of this programme, the learner will be able to:

- Recognise the general layout of the electrical arrangement at a typical water/wastewater treatment plant or pumping station.
- Recognise and understand the statutory rules and regulations that are in place to protect people, livestock, and property from electrical hazards.
- Understand the hazards associated with electricity and the causes of these hazards.
- Recognise and understand the basic working principles of the critical electrical plant and systems commonly found at water/wastewater treatment plants.
- Recognise the layout of a motor control centre and understand the various types of motor starters which may be found inside.
- Recognise and understand the purpose of the wiring systems commonly found at water/wastewater treatment plants.
- Understand, recognise and identify lightning protection systems including their various components and working principles.
- Recognise and identify the typical electrical hazards which may be found at water/wastewater treatment plants and understand the Dos and Don'ts when interacting with electrical equipment.
- Understand what maintenance is required for the electrical systems commonly found at water/wastewater treatment plants.
- Recognise and report many of the typical electrical defects found at water/wastewater treatment plants.

Assessment:

There are currently no assessments required to complete the course.

Entry requirements:

- Applicants must be able to demonstrate a level of knowledge, skill and competence associated with Level 4 of the NFQ.
- Applicants must have reached the minimum requirement of a Valid Safe Pass Card or other Appropriate Construction Safety Training.
- It is desirable that they are familiar with water/wastewater treatment plants and/or pumping stations is desirable. No previous electrical knowledge is required.

Enquiries and Booking:

Please contact your local Regional Training Centre:

- Ballincollig: brtc@corkcoco.ie
- Ballycoolin: ballycoolintraining@fingal.ie
- Castlebar: crtc@mayococo.ie
- Roscrea: roscreartc@tipperarycoco.ie
- Stranorlar: stranorlarrtc@donegalcoco.ie

See www.lasntg.ie for further details

