

# Pool Plant Operations

**Ofqual Title:** STA Level 3 Award in Pool Plant Operations (QCF)

## Aim

The **Pool Plant Operations** qualification aims to enable candidates to manage and maintain swimming pool, spa and interactive play feature operation via receiving the training necessary to reflect the most up-to-date requirements and standards for pool plant operation.

## Pre-requisites

- Be of 18 years of age or older

## Validity of Award

This qualification is valid for 5 years.

## Length of Course

33 Notional Learning Hours:

- 24 Recommended Guided Learning Hours
- 9 Non-contact Guided Learning Hours

## Course Information

The **Pool Plant Operations** qualification covers:

- The industry lead bodies and their recommendations and guidelines
- Pollution and its removal, the threat of disease such as legionnaires and how they are controlled
- Principles of circulation and filtration and the requirements for regular maintenance
- How the physical characteristics of a swimming pool can be hazardous
- Swimming pool ventilation and heating systems
- The principles of water treatment, including pH, water balance and water testing
- Microbiological testing
- Analysis and interpretation of readings leading to corrective action
- Methods for recording results and maintaining records
- Understanding the different types of residual and non-residual disinfectants and their use in water treatment
- Developing an understanding and awareness of current industry best practice, guidance and recommendations
- Principles of Health and Safety and the relevant Statutes
- Developing an understanding of the environmental implications of operating and managing swimming pools, spas and associated plant
- Energy and cost efficiency

## Assessment

The assessment criteria are as follows:

- Satisfactorily complete a pre-course worksheet assignment
- Satisfactorily complete the course manual
- Complete a 25 question multiple-choice paper with a pass mark of 18

- Undertake practical water testing, analysis and interpretation
- Complete a post-course assessment sheet and return to course tutor

### **Revalidation**

This qualification requires revalidation every 5 years to update knowledge and demonstrate understanding. Candidates can revalidate either by undertaking the **STA Pool Plant Revalidation/Conversion (including manual) Programme** (available online at [www.trainsta.co.uk](http://www.trainsta.co.uk)) or by attending a one-day revalidation seminar.