

Unit Title:	Operate swimming pool plant
OCR unit number	24
Sector unit number	LM3-25
Level:	3
Credit value:	2
Guided learning hours:	10
Unit reference number:	M/503/0985

Unit purpose and aim

This unit covers the competence that the learner needs to operate swimming pool plant to maintain the quality of pool water.

Learning Outcomes	Assessment Criteria
<p>The Learner will:</p> <p>1 Be able to start up and shut down plant</p>	<p>The Learner can:</p> <p>1.1 Make sure the systems are set for start-up or shut-down</p> <p>1.2 Begin the start-up and shut-down sequences following written procedures</p> <p>1.3 Monitor the systems for faults and alarms</p> <p>1.4 Take action to deal with any faults and alarms following written procedures</p> <p>1.5 Follow the emergency action plan in the event of any emergencies</p> <p>1.6 Follow the required record keeping procedures</p> <p>1.7 Ensure plant operates within the recommended parameters and standards in accordance with nationally accepted guidelines and local written procedures</p> <p>1.8 Follow all relevant legislation and other safety requirements at all times</p>
<p>2 Be able to maintain plant in working order</p>	<p>2.1 Carry out tests, visual and audible checks and routine maintenance according to the prescribed maintenance schedule and log sheet requirements</p> <p>2.2 Identify any items which need repair and report these to the responsible colleague</p> <p>2.3 Take appropriate action when the normal operating procedures are not being met</p> <p>2.4 Log and report energy and water usage figures,</p>

Learning Outcomes	Assessment Criteria
	<p>taking appropriate action to deal with wasteful losses and leaks to maintain the efficiency and safety of the plant</p> <p>2.5 Monitor alarms and respond to them following normal operating procedures and the emergency action plan</p> <p>2.6 Carry out routine maintenance activities, including backwash of pool filters and changing/cleaning pump strainer baskets</p> <p>2.7 Follow the required record keeping procedures</p> <p>2.8 Follow all relevant legislation and meet recommended operating conditions at all times</p>
3 Be able to ensure the quality of water	<p>3.1 Take corrective action in response to chemical pool water tests</p> <p>3.2 Take corrective action in response to alarms which monitor water quality</p> <p>3.3 Take corrective action in response to bacteriological test results including:</p> <ul style="list-style-type: none"> • faecal • diarrhoeal • vomit • blood • microbiological <p>3.4 Follow the required record keeping procedures</p> <p>3.5 Follow all relevant legislation and other safety requirements at all times</p>

Assessment

This qualification is internally assessed by centre staff and externally verified by OCR Assessors.

Candidates must provide all of the evidence identified below. All evidence must be produced independently.

Evidence requirements

For learning outcomes 1 – 3, the evidence must be gathered by the assessor observing the learner's performance in the workplace on more than one occasion. There should be sufficient observations to ensure that the learner has met all the requirements. There should be a combination of at least two of the following:

- observation (for example, of the learner operating swimming pool plant or carrying out routine maintenance)
- testimony of others (for example, line manager or pool plant supplier/manufacturer)

- products of work (for example, operational and maintenance records)
- reflective account.

Questioning or simulation may be used for the following assessment criteria: 1.4, 1.5, 2.3, 2.5, 3.2 and 3.3.

Guidance on assessment and evidence requirements

This section provides guidance for tutors on the types of assessment activities that can be used and evidence to be produced that will ensure coverage of the learning outcomes and related assessment criteria.

Evidence can be generated in a variety of ways – through completion of OCR-devised workbooks, through centre-devised assignments, projects or tasks or through naturally occurring work-based activities. Any centre-devised assignments, projects or tasks must be cross-referenced to the appropriate learning outcomes and assessment criteria to ensure that full coverage can be achieved.

Portfolios of evidence must be produced independently and centres must confirm to OCR that the evidence is the original work of the candidate. Recording documents are provided on the website for this purpose.

National Occupational Standards (NOS) mapping/signposting

NOS can viewed at www.ukstandards.co.uk.

Occupational standards	Unit number	Title
Leisure Management NOS 2010 (SkillsActive)	C25	Operate plant to maintain the quality of pool water.

Functional skills signposting

This section indicates where candidates may have an opportunity to develop their functional skills.

Functional Skills Standards					
English		Mathematics		ICT	
Speaking and Listening		Representing		Use ICT systems	✓
Reading	✓	Analysing	✓	Find and select information	✓
Writing	✓	Interpreting	✓	Develop, present and communicate information	✓

Additional information

For further information regarding administration for this qualification, please refer to the OCR document '*Admin Guide: Vocational Qualifications*' (A850) on the OCR website www.ocr.org.uk .