

Trade Test Options

Water Process Technician – Wastewater Treatment Technician

Practical Assessment

Instructions

- The assessment must be conducted in a controlled assessment location which may be either on-site or in an environment that reflects the hazards and risks of a real time working environment. The assessment must be designed to meet the requirements of the Water Process Technician Standard (WPT) – Level 3
- The assessment must incorporate the use of specialised tools and techniques to demonstrate the more complex higher order level of skills required by the role
- The technical assessor conducting the assessment must remain in visual contact with the candidate throughout the trade test assessment
- The technical assessor shall ask knowledge questions where competence is not confirmed through observation of natural performance and record the answers given

Assessment Requirements

The assessment activity must take a holistic approach and assess a broad range of the higher order skills, knowledge and behaviours developed over the period of the apprenticeship.

The Wastewater Treatment Technician trade test will consist of three parts:

Two mandatory parts which must be completed by all candidates:

- 1) On site testing to ensure compliance of effluent
- 2) Biological treatment – based on the treatment processes most commonly operated by the apprentice either:
 - a) Check and ensure the correct operation of ASP or
 - b) Check and ensure the correct operation of fixed film biological treatment

Plus

- 3) A random element from the tests listed a – i (dependent on the role of the individual)

Section 1 (to be completed by the employer)

Name of Apprentice:	
Planned date of Trade Test (if known)	
Apprentice's Company	
Name and role of person completing the form	
Location for trade test (including address and postcode)	

Please indicate below which of the following processes are available on the site where the test will be completed and would therefore be available for the apprentice to complete as part of their trade test. The apprentice can be informed of the possible range of tasks that they may be asked to complete.

You will be informed which part of the test has been allocated to allow planning of the task to take place **but you must not inform the apprentice** which task has been allocated.

Type of Biological Treatment used on trade test site	Yes	No
Activated Sludge Plant		
Fixed Film Biological Treatment (and type if not percolating filters)		

Item	Task to be completed	Available on trade test site?	
		Yes	No
a	Check and ensure correct operation of screens		
b	Check, inspect and confirm flow separation		
c	Correct monitoring and operation of settlement processes		
d	Process performance monitoring		
e	Lift, inspect and unblock submersible pump		
f	Check and ensure correct operation of chemical dosing		
g	Check and ensure correct operation of sludge settlement and storage		
h	Check and ensure the correct operation of mechanical sludge thickening or dewatering		
i	Check and ensure correct operation of sludge digestion		

Section 2 (to be completed by the Chief Examiner)

The EUIAS Chief Examiner has identified below the Part 3 of Trade Test that he/she requires the Apprentice to complete.

Part 3 task	
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Confirmed name of the Technical Expert to carry out the assessment	
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Chief Examiner Comments

Name of Chief Examiner	
Date of Approval	