

ST0876 Level 2 Water process operative Assessment Plan

Introduction

This Apprenticeship Assessment Plan (AAP) sets out the requirements for the assessment of the level 2 Water process operative apprenticeship. It should be read in conjunction with the General Requirements for Apprenticeship Assessment. Where there is conflict between this AAP and the General Requirements, this AAP takes precedence. Assessment organisations must also comply with the relevant regulatory framework for apprenticeship assessment.

It is important that the assessment of apprentices is proportionate, valid, and provides reliable evidence of an apprentice's attainment of the relevant knowledge and skills. As such, assessment organisations must design assessments to ensure:

- employers have confidence that the apprentice has reached the expected performance standard
- apprentices are sufficiently secure in their knowledge and skills, so that they could demonstrate their competence in different contexts, for example, a different workplace

Assessment Outcomes

The assessment outcomes group and summarise the knowledge and skills that must be demonstrated in assessments. All assessment outcomes must be assessed.

Assessment organisations must ensure all the core assessment outcomes and the assessment outcomes for one of the following options are assessed for each apprentice:

- Option 1: Clean water process operative
- Option 2: Waste water process operative

Knowledge and skills statements in **bold** are mandatory and must be assessed in every version of the assessment that is made available.

Knowledge and skills statements which offer opportunities to develop functional English and maths are identified with an asterisk.

Core Assessment Outcome	Mapping
AO1: Health, safety and environmental requirements Applies health, safety and environmental legislation, regulations and practices to work tasks. Identifies risks and control measures.	K1, K4 , K5, K6 , K7 S2, S3
AO2: Tools, equipment and first line maintenance Applies procedures and uses tools and equipment to undertake first line maintenance of assets, tools and equipment. Communicates verbally and organises work tasks.	K2*, K3, K8, K9 S1, S10 , S11 , S12, S13, S14 , S18*
AO3: Chemical use, fault finding and data Gathers, uses and records data and information to monitor water processes. Applies fault finding techniques and determines actions. Prepares, uses and audits chemicals and stock.	K10, K11, K12, K13 S4* , S5*, S6 , S7* , S8 , S9 , S15* , S16*, S17*, S19, S20*
Option 1: Clean water process operative	Mapping
AO4: Clean water sampling and treatment processes Applies knowledge of regulations, equipment and chemicals to carry out clean water treatment processes. Takes and processes water samples to maintain process operation within parameters.	K14, K20, K21* , K22 , K23 , K24* S21* , S23
AO5: Clean water treatment operations Operates clean water treatment work assets.	K15* , K16 , K17 , K18 , K19 , S22
Option 2: Waste water process operative	Mapping
AO6: Waste water sampling and treatment processes Applies waste water treatment processes and takes and processes water samples to maintain operation within parameters.	K25 , K29 , K30 , K31 , K32 , K33 , K36

	S24, S26
AO7: Waste water treatment operations Operates waste water treatment work assets.	K26, K27, K28, K34, K35 S25

Assessment requirements

Assessment organisations must set apprenticeship assessments. Assessment organisations should consider how technology and digital tools can support innovation and efficiency.

Assessment organisations must design assessments to include at least one observation.

Any additional assessment, or assessments, must be selected from the following list of methods, to ensure the assessment outcomes are met in full. Assessments available in the list may be used more than once:

- **simulation**
- **question and answer**
- **interview**
- **portfolio**
- **written test**

Apprentices may be assessed at any appropriate point during their apprenticeship programme.

Assessments may be designed to allow a centre or training provider to mark assessments. The assessment organisation is responsible for ensuring all assessments are sufficiently reliable and valid, and for the accuracy of any centre or training provider marking.

Performance descriptors

Performance descriptors describe the level of performance required to achieve a pass or distinction grade. Assessment organisations must design assessments that align with these descriptions.

Performance Category	Pass	Distinction
Applied Knowledge	Applies knowledge, facts, procedures and ideas, appropriately to a significant range of varied	Applies knowledge, facts, procedures and ideas, with insight or efficiency to a significant range of

	water process tasks and contexts, some of which are complex or non-routine.	varied water process tasks and contexts, some of which are complex or non-routine.
Applied Skills	Selects and applies practical skills consistently in a significant range of varied water process activities and contexts, some of which are complex or non-routine. Solves straight-forward, well-defined problems, to organisational standards.	Integrates practical skills consistently in a significant range of varied water process activities and contexts, some of which are complex or non-routine. Routinely solves straight-forward, well-defined problems to organisational standards.
Regulatory and Procedural Awareness	Interprets legislation, regulation, and guidance relevant to the role and task, with minimal noncritical errors, although depth of insight or adaptability may be limited.	Interprets and applies legislation, regulations, and guidance relevant to the role and task, with minimal noncritical errors and with reasonable depth of insight or adaptability.
Communication and Collaboration	Communicates and collaborates effectively within a team or group setting to support water process operations.	Communicates with clarity within a team or group setting to support water process operations.
Information Use and Decision Making	Gathers and interprets information relevant to the role and task, informing decisions and actions that are fit for purpose in the work context.	Interprets and applies information and feedback relevant to the role and task, enabling decisions and actions that support task completion.
Responsibility and Autonomy	Takes responsibility for completing tasks and procedures. Exercises autonomy and judgement subject to overall direction or guidance. May collaborate with others perhaps through a work group or team.	Exercises informed judgement and self-direction when taking responsibility for completing tasks and procedures anticipating the needs of the task or team.

