

KAT[®] - Knowledge Assessment Tool

Assessing the Competence of the Water Industry



The L&DA Knowledge Assessment Tool (KAT[®]) is aimed at the measurement of knowledge competence in the water industry. All assessments are conducted online in an invigilated classroom environment. There are currently KAT[®] pathways in Water Production, Water Networks, Wastewater Networks, Wastewater Treatment, Water Efficiency and Developer Services.

All KAT[®] assessments are available at both level 3 equivalent and level 5 equivalent. The assessments address the knowledge competence requirements of the water industry and can be deployed as an aid to training needs analysis (TNA), within training courses and interventions or as stand-alone assessments. The outputs of KAT[®] assessments provide competency analysis for HR professionals and senior managers.



KAT[®]

Knowledge Assessment Tool





Overview of the KAT[®] Assessment Process

- L&DA will work with the client to structure and contextualise the assessments to the clients requirements.
- L&DA will facilitate the design of the assessment utilising its occupationally competent assessors and IQA's.
- All assessments are conducted online by learners in prearranged assessment sessions.
- Typically 8 learners per KAT[®] session in a classroom environment with an L&DA invigilator present in person or via MS Teams.
- KAT[®] assessments will be conducted on client sites or in a virtual work environment.
- All assessment "open book", unless directed by the client.
- L&DA will issue joining instructions for learners and provide support and guidance for learners.
- Typical assessment durations are between 30 - 50 minutes and are timed.
- Reports are typically available within 24 hours of the assessment taking place and are structured at individual level, group level or department level.
- Questions vary in presentation and include free text responses.

KAT[®] Competence Pathways Principal Pathways - Level 5 Equivalent

- Management of Water Production
- Management of Water Networks
- Management of Wastewater Networks
- Management of Wastewater Treatment
- Management of Developer Services
- Management of Water Efficiency

KAT[®] Competence Pathways Principal Pathways - Level 3 Equivalent

- Understanding of Water Production
- Understanding of Water Networks
- Understanding of Wastewater Networks
- Understanding of Wastewater Treatment
- Understanding of Developer Services
- Understanding of Water Efficiency

KAT[®] Competence Pathways Supplementary Pathways - Level 5 Equivalent

- Risk and Resilience in the Water Industry
- Demand Management and Leakage
- Managing Reservoir Safety
- Leading Innovation in the Water Industry
- Managing Pollution Incidents in the Water Industry

KAT[®] - Summary of Assessment Approach

Duration	30 - 50 mins per assessment
Location	Virtual
Invigilation	Yes
Medium	Online
KAT[®] pre-requisites	There are no formal entry requirements for this assessment.



Learning & Development Associates Advancing the Competence of the Water Industry

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6

What is the correct explanation of a risk? * (1 Point)

☐ Anything that could cause harm
 ☐ Is the likelihood of a hazard causing anyone any harm
 ☐ A risk is a hazard only if you are dealing with chemical without the appropriate PPE
 ☐ A hazard becomes a risk if no action is taken to rectify the situation

Back

Next

Page 2 of 13

