

# The Management of Risk & Resilience

Why effective management of Risk & Resilience will be as important tomorrow as it is today in a COVID-19 world

## The Level 5 Award in Management of Risk & Resilience in the Water & Environmental Industries

How Learning & Development Associates' Risk & Resilience qualifications can help Water, Wastewater and Environmental industries strengthen their resilience in the face of COVID-19's emergence.

During these extremely challenging times, it has never been so important that all of us in the Water Industry collaborate to ensure vital services' resilience. At L&DA we are committed, as part of the wider Water Industry community, to doing whatever we can to help our colleagues manage through these uncertain times successfully.

The current coronavirus's emergence finds the UK's Water and Wastewater organisations well prepared to face the challenges, based on their existing pandemic contingency plans. However, the impacts of precautionary self-isolation, illness and individuals' potentially extended recovery times may test organisations' ability to continue to field sufficient qualified and experienced staff.

Uncertainties also exist over the eventual mortality rate, the virus's persistence in the community, the possibility and rate of any viral genetic mutation and the likelihoods of acquired immunity and/or a future successful vaccine's development.

In such circumstances it is vital to further reinforce existing capabilities by building strength in depth in both operational and support functions and embed wider strategic awareness that encourages business improvement and innovation.

Much of this reinforcement can be achieved through the improved skills and knowledge of our most precious resource, our people.

Our Risk & Resilience qualification is designed specifically for the Water and Environmental Industries and is therefore aligned to address resilience challenges of both COVID-19 and other unrelated exposures. The Level 5 Risk & Resilience qualification will develop individuals' technical skills and provide a comprehensive understanding of the Management of Risk & Resilience and lead to improvements in knowledge and therefore performance.

Our Award learners will develop skills on taking responsibility for planning and deploying courses of action, including, where relevant, responsibility for the work of others and exercising independent judgement.

The qualification addresses the practical competencies required for the effective management of Risk & Resilience in the Water and Environmental Industries and will importantly provide evidence of demonstrable organisational competence for our Regulators and other Stakeholders.

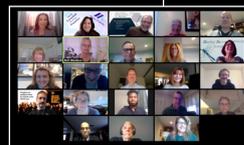
### Level 5 Award in Management of Risk & Resilience in the Water & Environmental Industries

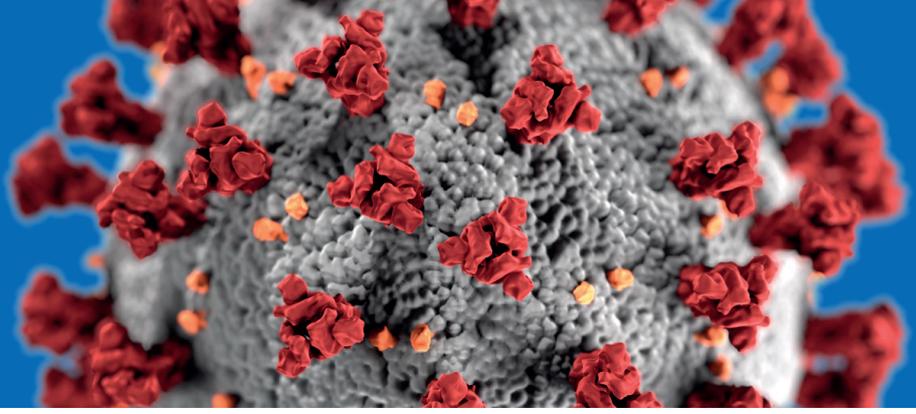
#### Risk & Resilience Virtual Learning

Our proven Risk & Resilience classroom course delivery is now augmented by our new interactive approach through Virtual Learning, a methodology that allows flexible and independent learning, whilst providing support and advice from fully qualified, experienced tutors. Learners can choose to attend either our classroom or Virtual Learning courses and will experience high quality education delivered by our specialist tutors with access to a range of online resources, including videos and chat facilities where we encourage interaction with other learners to enhance the overall experience.

As we learn to adapt to our new methods of conducting business then L&DA keeps pace with industry needs in a changing world through our new Virtual Learning environment.

**AVAILABLE FROM 1st JULY 2020**





# Learning & Development Associates (L&DA)

## Bespoke company specific training to the Water and Environmental Sectors

### Students will gain a comprehensive knowledge and understanding of:

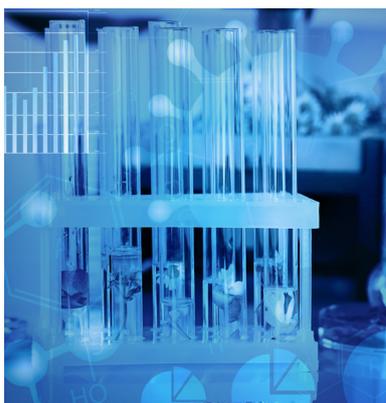
- The principles and objectives of risk and resilience management
- The legal and regulatory requirements and the role of the regulators in respect of risk and resilience, including the emergence of Cyber threat
- The interconnected impacts that changes in risk and resilience make
- The effect of climate change on risk and resilience strategy
- The objective and purposes of a Company's risk and resilience strategy and management structure
- Where risk and resilience management sits in the company organisational structure
- The decision-making process in terms of risk and resilience management
- The role of risk financing and the nature of risk financing and the variables that influence the process
- The importance of building resilience in the context of Cyber threat
- The principles of risk and resilience and its relationship to contingency planning
- The use and merits of quantitative and qualitative techniques in risk and resilience management
- How to reduce risks to business continuity in the emergency planning and business continuity process
- How to measure individuals' behaviour to risk
- The factors that influence group attitudes to risk-taking
- The practical meaning of business resilience and its role in disaster recovery
- The range of technologies and the techniques for gathering data available to assist the management of risk and resilience
- The use of probability theory and the use of normal and binomial distribution numerical methods in risk and resilience management
- The principles of scenario planning in relation to risk and resilience
- The principles of risk, resilience and contingency planning in commissioning assets
- The principles of inventory management in relation to risk and resilience
- The role of logistics in relation to risk & resilience
- How to prepare the business for pre and post emergency situations



We are a group of like-minded senior professionals, who have achieved industry wide recognition for excellence in our own particular fields of expertise, whilst continuing to serve the learning needs of the industry. L&DA founded in the UK, has a range of experience in the UK and a background in several international Water markets and with our trusted partners we bring additional Cyber resilience specialist expertise to the sector.

We specialise in the design of bespoke human resource development interventions for the utility sectors. With our breadth of knowledge and vision, L&DA makes its capabilities available to the sector through specialist design, delivery, project management, assessment and embedment of expertise and advisory services.

We are the leader in qualifications for Water and Environmental Professionals and the only provider in the UK who design and deliver Higher Education Level frameworks in these fields. We are now offering these qualifications through our new Virtual Learning delivery methodology.



We have a wide range of courses and qualifications, including but not limited to:

#### Level 5 Certificates;

- Level 5 Certificate in Management of Water Production
- Level 5 Certificate in Management of Water Networks
- Level 5 Certificate in Management of Waste Water Treatment
- Level 5 Certificate in Management of Waste Water Networks

#### Level 5 Awards;

- Level 5 Award in Leading Innovation in the Water and Environmental Industries
- Level 5 Award in Understanding Event & Incident Management in the Water and Environmental Industries
- Level 5 Award in Understanding Project and Change Management in the Water and Environmental Industries
- Level 5 Award in Understanding Hydraulic Principles in the Water and Environmental Industries
- Level 5 Award in Understanding the Management of Physical and Cyber Security in the Water and Environmental Industries
- Level 5 Award in Understanding Demand Management and Leakage in the Water Industry
- Level 5 Award in Managing Reservoir Safety in the Water and Environmental Industries

#### Level 3 Certificates;

- Level 3 Diploma in Understanding Water Production
- Level 3 Diploma in Understanding Water Network
- Level 3 Diploma in Understanding Waste Water Treatment



**Learning & Development Associates**  
Advancing the Competence of the Water Industry

For more information on our qualifications

[www.learninganddevelopment.associates](http://www.learninganddevelopment.associates)

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