

Use the buttons 1,2,3 at the top or the + or - buttons beside each stream to expand or contract the topics as required

Knowledge	Skills	Competence
<p>In the context of EQF, knowledge is described as theoretical and/or factual.</p> <p>Level 7 means</p> <ul style="list-style-type: none"> highly specialised knowledge, some of which is at the forefront of knowledge in a field of work or study, as the basis for original thinking and/or research critical awareness of knowledge issues in a field and at the interface between different fields 	<p>In the context of EQF, skills are described as cognitive (involving the use of logical, intuitive and creative thinking) and practical (involving manual dexterity and the use of methods, materials, tools and instruments).</p> <p>specialised problem-solving skills required in research and/or innovation in order to develop new knowledge and procedures and to integrate knowledge from different fields</p>	<p>In the context of EQF, competence is described in terms of responsibility and autonomy.</p> <ul style="list-style-type: none"> manage and transform work or study contexts that are complex, unpredictable and require new strategic approaches take responsibility for contributing to professional knowledge and practice and/or for reviewing the strategic performance of teams

Stream	Topic	Knowledge	Skills	Competence
Management	Theory and practice of Leadership	Knowledge of: <ul style="list-style-type: none"> Organisational concepts Management of groups and teams 	Be able to: <ul style="list-style-type: none"> Analyse the effectiveness of the management of groups and teams 	Evaluate and develop the organisational systems in accordance with existing cultural context and concepts
	Economy	Knowledge of: <ul style="list-style-type: none"> Fundraising and marketing concepts Financial accounting policies Cost accounting policies Financial accounting policies Cost accounting policies Marketing policies Appropriate engagement with the media 	Be able to: <ul style="list-style-type: none"> Develop a fundraising plan Analyse policy regarding balance and profit and loss Analyse cost accounting in the organisation Analyse cost accounting and marketing Develop appropriate contacts and co-operation with the media 	Evaluate and develop an efficient economical system using advanced concepts of finance, marketing and appropriate media engagement
	Control	Knowledge of: <ul style="list-style-type: none"> Concepts of control 	Be able to: <ul style="list-style-type: none"> Control work run in an organisation Analyse the effectiveness of control procedures in the organisation Control engagement with the media 	Evaluate and develop an efficient and accountable Internal control system
Health and Safety	Consult appropriate Health and Safety Guidance relating to the relevant country (e.g UK HSE publication HSG65, or see Publication Reference List) for information concerning the following:	Accident reporting and investigation Risk Assessment (including Hazard Identification and control) Planning for safety Inspection and auditing Maintenance Training and Education Public information and awareness Roles and responsibilities		
	Health and Safety Legislation			



Stream	Topic	Knowledge	Skills	Competence
	Legal Framework	Specialised knowledge of relevant health and safety legislation and current guidance	Evaluate the effectiveness of health and safety management for the aquatic environment in compliance with the legislation and current guidance	Take responsibility for strategic development of the management practice for health and safety in water related activities in accordance with the legislation and current guidance
	Natural Hazards (physical, biological, chemical, other technical) – Identification and Control			
	Hazard Identification and Control	Specialised knowledge of relevant natural hazards	Evaluate the effectiveness of methods for the identification of natural hazards, and the control of their impact	Take responsibility for the strategic improvement of the professional knowledge of the identification of natural hazards and the control of their impact
	Human related Hazards – identification and control			
	Human hazard identification	Specialised knowledge of relevant human related hazards	Evaluate the effectiveness of methods for the identification of human related hazards, and the control of their impact	Take responsibility for the strategic improvement of the professional knowledge the identification of human hazards and the control of their impact
	Health and Safety Management system			
	Health and Safety Management	Specialised knowledge of relevant Health and Safety Management systems	Evaluate the effectiveness of relevant Health and Safety Management systems	Take responsibility for the strategic improvement of Health and Safety Management systems
	Risk Assessment	Specialised knowledge of appropriate Risk Assessment procedures	Evaluate the effectiveness of Accident Prevention methods	Take responsibility for the strategic improvement of Risk Assessment procedures
	Accident prevention	Specialised knowledge of accident prevention methods	Evaluate the effectiveness of Accident Prevention methods	Take responsibility for the strategic improvement of accident prevention methods
	Plan and design for a safe environment (e.g. for events)	Specialised knowledge of methods of planning and designing safe environment for water activities (e.g. for events)	Evaluate the effectiveness of planning and designing safe environments for water activities	Take responsibility for the strategic improvement of methods of planning and designing for water activities
	New technologies	Specialised knowledge of appropriate new technologies to improve health and safety for water safety	Evaluate the effectiveness of technologies to improve health and safety for water activities	Take responsibility for the strategic improvement of technologies relating to the health and safety of water activities
	Education about water safety and accident prevention	Specialised knowledge of appropriate education about water safety and accident prevention	Evaluate the effectiveness of appropriate education about water safety and accident prevention	Take responsibility for the strategic improvement of education about water safety and accident prevention
	Didactical Methods			
	Manage learning and development provision to ensure competence in water safety is maintained			
	Initiate systems to identify the learning needs of the organisation	Knowledge of the use of systems to identify the learning needs of the organisation	Coordinate systems and resources to identify the learning needs of the organisation	Analyse and report on the learning needs of the organisation
	Facilitate the production and implementation of the learning and development plan	Know how to produce and implement a learning and development plan that ensures organisational needs are met	Direct the production and implementation of the learning and development plan	Analyse and report on the effectiveness of the learning and development plan, and its implementation
	Quality assure learning and development provision	Know how to lead on the review and evaluation of learning and development provision and resultant outcomes	Ensures there is assessment of competence in the organization and this is quality assured to determine the validity of outcomes	Take responsibility for quality assuring learning and development provision Leads review of quality assurance of assessment activities



Stream	Topic	Knowledge	Skills	Competence
	Ensures the legislative requirements relating to learning and development within an organisation are met	Know the legislative requirements in relation to learning and development within organizational context	Monitors compliance with legislative requirements relating to learning and development within an organization	Takes responsibility for meeting legislative requirements relating to learning and development within an organisation
	Pedagogy			
	Methods and practice of teaching	<ul style="list-style-type: none"> Highly specialized knowledge of pedagogical methods as the basis of original research Critical awareness of pedagogical knowledge 	Be able to provide specialised pedagogical analysis regarding the research area	Takes responsibility for new pedagogical strategic approach
	Facilitates curriculum development to ensure learning and development activities are current and reliable	Know how to lead on the curriculum development to maintain effectiveness of learning and development activities	Directs curriculum development activities to ensure learning and development is current and reliable	Takes responsibility for curriculum development
	Sponsors the design and evaluation of new learning and development provision	Know how to lead on the design and evaluation of new learning and development provision	Monitors the design and evaluation of new learning and development provision	Takes responsibility for the design and evaluation of new learning and development provision
	Promotes the use of technology and coaching and mentoring support to foster individual development	Knowledge of the use of technology, coaching and mentoring support to foster individual development	Coordinates the use of technology and coaching and mentoring support to foster individual development	Analyse and report on the effectiveness of the use of technology and coaching and mentoring support
	Research			
	The effectiveness of water safety education provision for organizations and the public	Know how to determine the effectiveness of water safety education provision	Monitors the effectiveness of water safety education provision	Analyse and report on the effectiveness of water safety education provision
	The value of self-directed and e-learning in water safety education	Know how to determine the effectiveness of self-directed and e-learning	Monitors the effectiveness of self-directed and e-learning (including infrastructure and support materials)	Analyse and report on the effectiveness of self-directed and e-learning in water safety education
	The role of leadership in promoting and facilitating water safety education to achieve an objective	Specialised knowledge of leadership in relation to promoting and facilitating water safety education	Monitors the effectiveness of leadership in promoting and facilitating water safety education	Analyse and report on the effectiveness of leadership in promoting and facilitating water safety education
	Special Topics			
	The individual will focus on the knowledge skills and competences required for the special topics that they choose for the environment in which they operate			
	Environmental Specialised knowledge			
	The Interplay between meteorology oceanography and hydrology	Basic knowledge about the development of different weather conditions and associated environmental conditions	Being able to recognize the development of the weather and its impact on the environment	Manage and take responsibility for any action to avoid dangerous situations based on knowing the impact of the development of different weather conditions being able to avoid dangerous situations.
	The interplay between water in motion and the land	Specialised knowledge of the interplay between water in motion and the land, and that where they are related to the conditions they could be extreme or dangerous.	Being able to assess the risks in these areas and relate this to personal or the crew's ability and capacity for dealing with the risks	Avoid situations where the challenges exceeds personal or the crew's ability or capacity to deal with the situation
	Dealing with extreme unforeseen situations	Specialised knowledge of the different extreme conditions in the chosen field of study	Being able to assess changes that might occur in the environment	Take responsibility for managing the activity, and make decisions in dealing with water safety in extreme conditions



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	Safety and Prevention			
	Safety procedures	Specialised knowledge of appropriate preventative procedures and safety issues in accordance with the chosen special topic	Identify the hazards and assess the risks in the chosen field of special topics	Take responsibility for selecting and implementing appropriate control measures
	Organisation	Specialised knowledge of how to organise activities safely within the chosen field of study and according to policy and legislation	Being able to assess the safety of an ongoing activity and to reorganise the activity in accordance with the changes that occur/policy and legislation	Manage and take responsibility for any action needed for keeping an activity at a safe level in accordance with policy and legislation
	Preventive Surveillance / surveillance for early rescue	Specialised knowledge of signs of possible dangerous situations	Being able to assess and take the most appropriate action before dangerous situations develop	Take responsibility for managing a situation to minimise the development of danger for those involved.
	Search and Rescue			
	Available resources	Specialised knowledge of the specific needs and structure of a SAR operation in the chosen field of special topics.	Being able to plan the required structure for search and rescue operations in the chosen field of specialisation	Take responsibility for managing the resources for a SAR operation
	Setting up a SAR operation	Specialised knowledge of when and how to start a SAR operation in the chosen field of special topics.	Being able to find and mobilise the necessary resources for a SAR operation.	Take responsibility for managing the mobilisation of resources for a SAR operation
	Contributing to a SAR operation	Specialised knowledge of how to contribute to a SAR operation in the chosen field of special topics.	Being able to organise the available resources and the communication between them	Take responsibility for managing the search and rescue operation, ensuring the safety of all participants in accordance with policy and legislation.
	Debriefing	Specialised knowledge of the nature and necessity of a debriefing	Being able to get the necessary resources for the debriefing	Take responsibility for managing the debriefing the resources in their control
	"Special" situations such as Contaminated water, Flood, Climatic Contamination, Disaster area			
	Dealing with extreme unforeseen situations	Specialised knowledge of how to get an overview of the whole situation	Being able to carry out an action plan to deal with the extreme situation	Managing response to an emergency in compliance with organisation policies and procedures contained within the EAP, taking into account the specialised nature of the situation.
	Preparing for a "special" situation and a probable development of an emergency	Specialised knowledge of how and why these situations occur, and specialised knowledge of the changeable nature of these situations.	Being able to take safety precautions in advance to minimise the damage related to "special" situations. Being able to develop and to evaluate an EAP in relation to the developing situations.	Take responsibility for managing, responding and minimising the damage related to the development of "special" situations in the chosen field in accordance with policy and legislation
	Clearing the situation	Specialised knowledge of how to minimise or prevent further damage when the response to the situation is in progress.	Being able to sort out the exposed areas to minimise further damage	Take responsibility for managing the situation to prevent more people or property being exposed to further risk of damage or danger
	Research			
	Dissertation	Knowledge of advanced methodology and structure for a scientific work in lifesaving / chosen special topic	Being able to make a structure for a scientific work in lifesaving / chosen special topic	<ul style="list-style-type: none"> • make a scientific work following the structure • assess a scientific work your own and others

