

GLO in AQ (EQF 4)

General Learning Outcomes



These descriptions are indicating the Learning Outcomes (LOs) relevant to the qualifications at level 4 in the EQF system from two perspectives. The LOs include descriptions of:

Knowledge: The candidate should have knowledge of.....

- EQF: Factual and theoretical knowledge in broad contexts within a field of work or study
- Industry: Have the overview of the National Qualification curriculum.

Skills: The candidate will be able to.....

- EQF: Advanced skills, demonstrating mastery and innovation, required to solve complex and unpredictable problems in a specialized field of work or study
- Industry: Will be able to recognize and apply the National Qualification curriculum on standard problems.

Competence (EQF - Responsibility and autonomy): The candidate should be able to

- EQF: Manage complex technical or professional activities or projects, taking responsibility for decision making in unpredictable work or study contexts, take responsibility for managing professional development of individuals and groups
- Industry: Should be able to apply the National Qualification curriculum on new, non-standard problems.

References: EQF - Europass <https://europass.europa.eu/en/description-eight-eqf-levels>



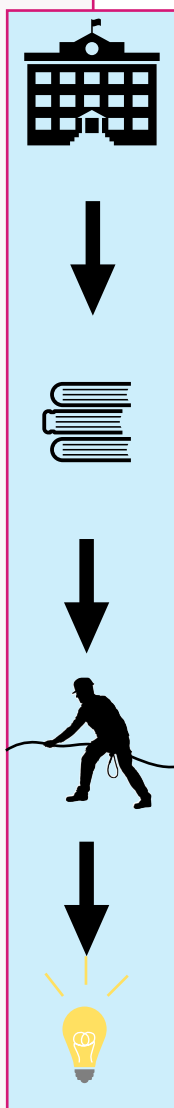
EXAMPLE

VET leading to a National Qualification, Competence Unit 5.00 (Fish Diseases):

Knowledge

The candidate should have knowledge of:

- Plan and carry out work in aquaculture facilities in line with current regulations for HSE (health, safety and environment).
- Describe the importance of good cage maintenance and cleaning/maintaining of equipment used in the aquaculture industry and in accordance with procedures and regulations.
- Explain the environmental factors in the aquatic environment and assess the factors based on the species' environmental requirements and tolerance limits.
- Assess the behavior, appearance and state of health of aquaculture organisms and implement measures in line with regulations for preventive health work and animal





- Discuss how aquaculture activities can be run in coexistence with other activities and interests.
- Understand quality control and monitoring in aquaculture.
- Reflect on how the operation of an aquaculture facility affects fish welfare and the environment, and how the operation can contribute to added value.
- Handle dead aquaculture organisms in accordance with current regulations.
- Husbandry of aquaculture organisms in line with animal welfare principles.
- Assess the health and welfare status of various aquaculture species and implement necessary measures.
- Register, monitor and interpret aquatic environment parameters and implement necessary measures.
- Take samples of aquaculture organisms and fish feed for further analysis.
- Apply contingency plans and notification routines according to the company's organization.

Skills

The candidate will be able to:

- Complete the Fish Welfare course.
- Learn the Welfare Indicators.
- Exercise a high ethical standard.
- Read and understand the description of "Infection screening tests»

Competence

The candidate should be able to:

- Detect indications of good/bad Fish Welfare.
- Be able to conduct a dialogue with the supervising veterinarian regarding fish health.
- Be able to detect changes in relation to welfare indicators.
- Apply welfare indicators.
- Manage a system for dead fish handling.



EXAMPLE CONTINUING VET

In-company continuing VET micro-training: CU 5.01, 5.02, 5.03, etc. (Fish Diseases)

Students should understand the three terms knowledge, skills and competence from their NQ. The in-company continuing micro training starts with the competence, and then add the required knowledge and skills. Each CU could with minor adjustments lead to a record of achievement. The key questions to address for the teacher or instructor, are:

Which competences are needed?

How to provide sufficient theoretical knowledge and practice through work-based training that let the staff acquire the skills and competences?