

Erasmus+ project: Qualification, Validation and Certification of Maintenance Personnel

Goto meeting, 15th June 2020

Present:

Guðmundur Jón Bjarnason
Torsten Ekström
Ilkka Palsola
Damjan Maletič
Páll István
Silvia Stepanova
Zsolt Nyeste
Ingemar Andreason
Jan Skarka
Attila Kiss
Mikaela Malmrud

Absent:

Maria Malmrud
József Csiba
Jaakko Tennilä
Tomáš Hladík

1) A general status update (Erasmus+ Follow up of MCQ)

The number of MCQ is as follows:

	CS	FI	HU	IS	SL	SV	Total
Total	305	79	221	82	100	286	1015
	11	17	0	0	100	8	136
	0	17	0	0	77	6	100

2) Review of the previous protocol

It was reviewed that the total minimum target for two EQF level is:

$$2 \times 1000 \text{ MCQ} + 2 \times 200 \text{ OQ} = 2000 \text{ MCQ and } 400 \text{ OQ}$$

It was also reviewed that the budget is based on hours spent on the project, please send time reports to Torsten.

When we have delivered 70% of the intellectual -output - hours in this second period we can apply for the third period. We can apply for the last period only after the project is finished.

3) Updated qualifications - Decisions

Torsten went through some suggestions regarding changing to the qualifications, many of which had to do with improved phrasing and adding a “general subject” at the top of some chapters. Also, some chapters were merged and some added, such as “Environment” under the Safety, Health and Environment main chapter.

4) Development of questions

Structure of open questions, OQ. Below is an example of an OQ. Please note that it is important to include an answer. Since the idea is to have the MCQ covering the basic knowledge part, the OQ should rather focus on the skill and logical thinking, for example where different aspects must be combined in order to reach a certain goal. It was also reviewed that the CEN standards should be used when creating questions.

Template for new Open Questions		
Superior Subject:	[Write the superior subject here]	
Main subject:	[Write the main subject here]	
Subject:	[Write the subject here]	
Question	Answer	
<p>SWOT analyzes are often used for business development. It consists of two internal influencing factors Strengths and Weaknesses that are linked to the own operations and two external influencing factors Opportunities and Threats that are linked to external influences. Your task is to prepare a SWOT analysis for an outsourcing of the entire maintenance department. Give at least one example for each part of the SWOT analysis and justify your answers.</p>	<p>Examples of answers:</p> <p>Strengths (internal):</p> <ul style="list-style-type: none"> * Good cooperation with operations * Large network of different partners * Hefty control over direct and indirect costs <p>Weaknesses (internal):</p> <ul style="list-style-type: none"> * High costs for parts of the maintenance * No long-term maintenance plan * Areas of responsibility are not clear <p>Opportunities (external):</p> <ul style="list-style-type: none"> * Costs related to maintenance actions * Increased focus on the value of maintenance * Higher demands on the competence of internal purchasers <p>Threats (external):</p> <ul style="list-style-type: none"> * (All) personnel must be terminated * Increased long-term costs * Unclear agreement means that things may "fall between the chairs" 	
Picture Filename:		Points: 4
Question Group:	Show picture for student	Level 7

Our target is to have two level exams, the first level being a “European knowledge passport” based on only MCQ. The second level, which can be taken later, will address skill and “deeper knowledge”. How should the second level exam be constructed, only OQ?, MCQ and OQ?, only MCQ? or even based on past experience / projects? We soon have to define in more details how the second level will be constructed.

In the light of this OQ uncertainty it is suggested that we will continue to focus on “one - pointer” MCQ.

5) Committee involvement

Torsten has sent a letter to EFNMS committee chairmans, cc to EFNMS board offering the committees to get information about the project and an opportunity to give feedback. Guðmundur will next Friday have a meeting with George about SHE issues.

6) The QVCMP web page

Zolt has been looking into this. Competition is open for finding a good domain name, the winner will receive Hungarian goodies, this forum is the jury.

7) Other issues

Next monthly meeting will be on the 17th of August.