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Project Number: 2015-1-UK01-KA202-013823

Key Action 2: Cooperation for innovation and exchange of good practices

Intellectual Output 4

Comparative Studies for the Different Qualification Levels

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Index

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Qualifications Description in United Kingdom System

External validation of the developed methodology was applied to the characterization of the general description of the EWF Qualifications. The qualification descriptors in terms of KSC for each qualification were assessed against the taught diploma content and reviewed against UK National Qualification System expectations. The CATS credit values are indicative and actual credit transfer will be subject to the negotiation and agreement set out in the MoU between specific organisations and for specific programmes of learning.

SUMMARY DESCRIPTION										
QUALIFICATION	**KNOWLEDGE APPLICATION**	**PRACTICAL APPLICATION**	**COMPETENCES (Responsibility/Autonomy)**	**EQF LEVEL**	**TEACHING HOURS**	**WORKLOAD (hours)**	**ECVET POINTS**	**ECTS CREDITS**	**UK NQF (QCF))**	**UK Credit Value (CATS)**
EUROPEAN WELDING ENGINEER	Highly specialised and forefront knowledge including original thinking, research and critical assessment of theory, principles and applicability of welding related technologies.	Highly specialised problem- solving skills including critical and original evaluation, allowing to define or develop the best technical and economical solutions, when applying welding processes and related technologies, in complex and unpredictable conditions.	Manage and transform the welding processes and related technologies in a highly complex context. Act as the full responsible person for the definition and revision of the welding and related personnel's tasks.	7	448	836	75		7	40

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EUROPEAN WELDING TECHNOLOGIST	Advanced knowledge and critical understanding of the theory, principles and applicability of welding and related technologies.	Advanced problem-solving skills including critical evaluation, allowing to choose the proper technical and economical solutions, when applying welding and related technologies, in complex and unpredictable conditions.	Manage the applications of welding and related technologies in a highly complex context. Act autonomously as the responsible person for the decision making and the definition of the welding and related personnel's tasks.	6	309	464	45		6	40
EUROPEAN WELDING SPECIALIST	Specialised, factual and theoretical knowledge of the theory, principles and applicability of the welding and related technologies.	Specialised range of cognitive and practical skills, allowing to develop solutions or choose the appropriate methods, when applying welding and related technologies, in common/regular problems.	Manage and supervise common or standard welding applications and related technologies, in an unpredictable context. Take responsibility with limited autonomy for decision making in common or standard work and supervise the welding and related personnel's tasks.	5	189	236	25		5	40

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Qualifications Description in Portuguese System

External validation of the developed methodology was applied to the characterization of the general description of the EWF Qualifications. The qualification descriptors in terms of KSC for each qualification were assessed against the taught diploma content and reviewed against Portuguese National Qualification System expectations, which is completely aligned with the European Qualifications Framework. The credit values are indicative and actual credit transfer will be subject to the negotiation and agreement set out in the MoU between specific organisations and for specific programmes of learning, although the ECTS credits column is filled with the according credits for the European Welding Engineer, based on the Portuguese agreement already in place detailed in O5 – "Guide for implementation of HE&VET methodology to other industrial qualifications".

SUMMARY DESCRIPTION									
QUALIFICATION	**KNOWLEDGE APPLICATION**	**PRACTICAL APPLICATION**	**COMPETENCE (Responsibility/Autonomy)**	**EQF LEVEL**	**TEACHING HOURS**	**WORKLOAD (hours)**	**ECVET POINTS**	**ECTS CREDITS**	**NQF Level**
EUROPEAN WELDING ENGINEER	Highly specialised and forefront knowledge including original thinking, research and critical assessment of theory, principles and applicability of welding related technologies.	Highly specialised problem- solving skills including critical and original evaluation, allowing to define or develop the best technical and economical solutions, when applying welding processes and related technologies, in complex and	Manage and transform the welding processes and related technologies in a highly complex context. Act as the full responsible person for the definition and revision of the welding and related personnel's tasks.	7	448	836	75	120	7

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		unpredictable conditions.							
EUROPEAN WELDING TECHNOLOGIST	Advanced knowledge and critical understanding of the theory, principles and applicability of welding and related technologies.	Advanced problem-solving skills including critical evaluation, allowing to choose the proper technical and economical solutions, when applying welding and related technologies, in complex and unpredictable conditions.	Manage the applications of welding and related technologies in a highly complex context. Act autonomously as the responsible person for the decision making and the definition of the welding and related personnel's tasks.	6	309	534	50	-	6
EUROPEAN WELDING SPECIALIST	Specialised, factual and theoretical knowledge of the theory, principles and applicability of the welding and related technologies.	Specialised range of cognitive and practical skills, allowing to develop solutions or choose the appropriate methods, when applying welding and related technologies, in common/regular problems.	Manage and supervise common or standard welding applications and related technologies, in an unpredictable context. Take responsibility with limited autonomy for decision making in common or standard work and supervise the welding and related personnel's tasks.	5	189	312	30	-	5

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