General information

title of the training provider/programme; duration of the training; EQF level: name of the person responsible for issuing the CPC; personal data of the person in training; the date the CPC was issued.

Individual Profile The field shaded in orange

indicates the competence profile of the person in training: It indicates the stage of competence development that the person in training has reached so far and the corresponding credit points.

Additional information

Many training programmes include not only vocational competences, but also other kinds of competences that are not directly relevant to the vocational profile. If necessary, data on additional competences (or subject areas) that are completed within the framework of the training programme, but which are not part of the vocational profile can be added as well as the corresponding credit points. These credit points can then be calculated into the final total.

Training Provider: Training Programme: Duration of the training: EOF level: Responsible person for issuing the CPC:

Competence Profile Certificate (CPC)

	Person in tra	erson in training:									
	Date:	Date: Steps of competence develo					pment			Credit Points Individ. Profile	
	(core work tas	core work tasks) Credit Points			5 10			10	20	10	
	mounting and in	I. Prepanng, planning, mounting and installing Inspecting, maintai- ning and servicing Setting up, putting into operation Designing, modifying and adapting			5		4	10	15	10	
	ning and serv			5	5				20	10	
	3. Setting up,			10		10				10	
	4. Designing,				5	10		10	30	-	
	5. Developin	5. Developing custom			10			15	35	20	
	designed 6. Supervisir	5. Supervising and 5			10		10		25	15	
_	supporting v	supporting work 7. Installing, configuri-			15	25			50	25	
	ng, modifyi	ng, modifying 8. Diagnosing and repairing				10			25	15	
-	ronairing				10		,		220	115	
s	Credit poin	Credit points for the vocational profile									
-	Additional	Additional competences: 20									
- a										120	
r	Total credi	Total credit points									
-		Further remarks:									
k	, and the										
t											
-											

Organisational Profile

The field shaded in yellow (including also the orange part) indicates the competence profile of the training programme: It indicates the relevant competence areas and steps of competence development for the training programme and the corresponding credit points.

Credit Points

Credit Points are used as quantitative measurements of parts of a training programme or qualification and are based on the 'student workload' required to achieve the objectives of a programme (specified in competences to be acquired); within one year of typical training (formal full-time VET programme or 'main tracks' of training) a maximum of 60 credit points can be achieved. For the competence profiles only those credit points that are fully relevant to the vocational profile are calculated.

Further remarks

If necessary, further remarks regarding differences between the descriptions in the Organisational Profile and the curriculum or training plan can be included (for example, in some cases only parts of the descriptions of a step of competence development might be relevant for the training programme). Further comments to the Individual Profile can also be included (for example, if competence development is not yet complete for a certain area or step, and the respective credit points have not yet been awarded for this step, it is necessary to note which competences are still missing or have still to be acquired).



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VQTS model

and further elaborated in the Lifelong Learning project VQTS II (Voca-

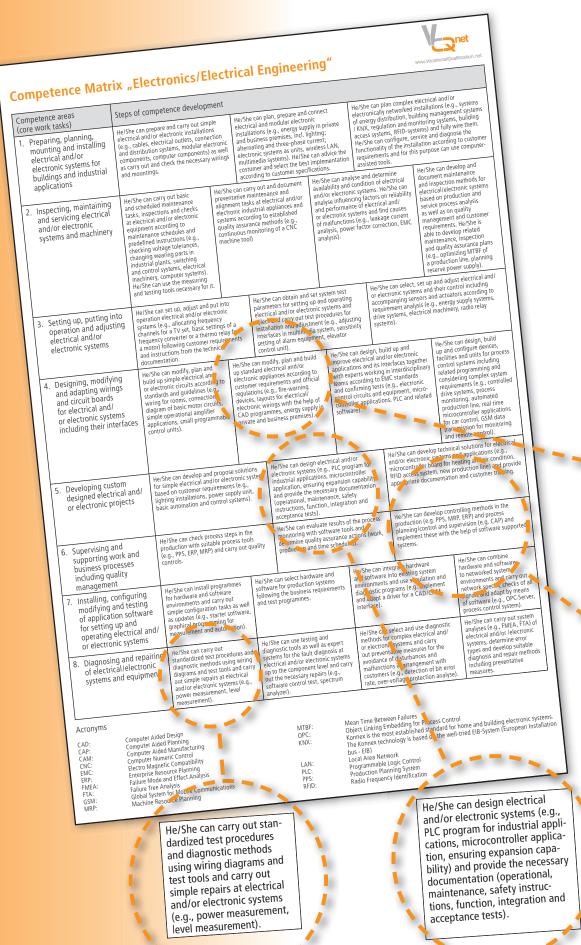
The VQTS project has developed an ECVET approach (European Credit System for Vocational Education and Training) that involves a system quisition (including Credit Points). The VQTS model provides a 'common relate these competence descriptions to the competences acquired in training programmes. It enhances transparency of vocational competences and therefore facilitates international comparison of qualificaThe VQTS model can be used for those purposes where the transparency of competence profiles is very important, such as:

- transferring vocational competences acquired abroad (mobility in VET);
- transferring and recognising competences acquired within the formal VET system as well as competences achieved through non-formal or informal learning;
- developing qualifications;
- composing job profiles as well as personnel (human resources) planning;
- referencing qualifications to qualifications frameworks;
- enhancing permeability between VET and HE (focus of the VQTS II project).

The core elements are the Competence Matrix and Competence Profiles:

- A Competence Matrix displays competences structurally in a table according to core work tasks in a specific occupational field and the progress of competence development.
- Competence Profiles (including Credit Points) are formed from individual parts of this Competence Matrix. The 'Organisational Profile' identifies competences relevant for a certain training programme or qualification. The 'Individual Profile' notes the competences acquired by a person in training. Based on the competence profile of the person in training a Competence Profile Certificate can be issued.

Pilot Competence Matrices are available for the fields of 'mechatronics' and 'electronics/electrical engineering'; illustrative examples also arise from these particular fields. However, the VQTS model can also be used for describing and comparing competences in other fields.



Example – Competence Matrix 'electronics/electrical engineering'

The left column of the table contains competence areas, based on the various core work tasks. The acquisition of competences by a person in training with reference to core work tasks is described for each competence area as steps of competence development (horizontal axis).

In the first VQTS project (Competence Matrix 'mechatronics'), the focus was on the skilled worker level and on VET programmes from secondary level education. The VQTS II project intended to develop a Competence Matrix useful for identifying overlapping areas between VET and higher education programmes and therefore the scope of the Competence Matrix 'electronics/electrical engineering' had to be broadened to include at least some steps of competence development relevant for higher education.

Example: Steps of competence development for the competence area 'Setting up, putting into operation and adjusting electrical and/or electronic systems':

- He/She can set up, adjust and put into operation electrical and/or electronic systems (e.g., allocating frequency channels for a TV set, basic settings of a frequency converter or a thermo relay for a motor) following customer requirements and instructions from the technical documentation.
- He/She can obtain and set system test parameters for setting up and operating electrical and/or electronic systems and select and carry out test procedures for installation and adjustment (e.g., adjusting interfaces in multimedia system, sensitivity setting of alarm equipment, elevator control unit).
- He/She can select, set up and adjust electrical and/or electronic systems and their control including accompanying sensors and actuators according to requirement analysis (e.g., energy supply systems, drive systems, electrical machinery, radio relay systems).

