PROJECT EPCRA

PROFESSIONAL EUROPEAN CERTIFICATION FOR ROPE ACCESS

Lifelong Learning Programme

EP★RA
European Professional Certification for Rope Access

TRAINING
TRAINERS
PROGRAMME

GIP fipag académie Grenoble

SFETH

Greta
VIVA 5)))
LA FORMATION CONTINUE.

ASOCIACIÓN NACIONAL DE EMPRESAS DE TRABAJOS VERTICALES
NETVA

Tindai
Formación, Prevención y Seguridad en Altura

FISAT

SP SEILPARTNER

SOFT

SUMMARY

SUMMARY

1. INTRODUCTION

This document was drawn up in the project « Establishment of a European certification» funded by the European Union through its sectoral programme Leonardo Da Vinci.

The main purpose of this project is to create a "European Certification" adapted for rope access technicians in the European Qualifications Framework.

Indeed, in the four partner countries, Germany, Spain, France and Norway, there are certifications recognized at national level whose formalization is sometimes incomplete or imperfect.

Preliminary meetings to the project enabled the establishment of a working group where the main objective is to analyse national certifications in each of the 4 countries.

This approach has established correspondence between various certification levels for each of the partner countries identifying potential differences or specifics needs related to the culture, professional rope access backgrounds, or the types of worksites.

This work allowed partner countries to get to know each other better and to decide the draft common reference points defining the professional skills of a rope access technician irrespective of the European country in which he may work.

A consortium has been constituted with the four partner countries.

Each country is represented by three categories of partners:

- Representatives of businesses in the Rope Access sector: employer organizations made up of rope access companies across a wide variety of sectors: public works, Industry, Offshore, Energy, Events, Cleaning
- Professionals in engineering of competences or techniques on ropes
- Long life training organizations with expertise in training engineering

The aim of these partners is to create, at European level, a certification validated by these four countries to change and recognize the required skills for rope access.

This certification is composed of:

- A Referential for Professional Activities (RAPC), including descriptions of the functions, activities, tasks, conditions of realization, as well as training results in terms of knowledge, skills and competences.
- A Referential of Certification (RC), including certification units, modules grid of the training programme, ECVET credits, access conditions to AWE, Europass certificate supplement.
- Modular training programmes for rope access technicians.
- Trainers training programme.

- Jury members training programme.

These referentials have been elaborated according to Competency-Based Approach (CBA).

2. **PROJECT PRESENTATION**

Rope Access Technician, a versatile profession

A rope access technician is a person who achieves a safe work position or in areas of difficult access using ropes.

The career of the Rope Access Trade has become more professional over time and today the rope access industry is a flourishing sector in which security is the key component. The field of intervention of the Rope Access Technician extends to all sectors of Public Works, Building, Industry, Offshore, Energy, Telecommunication, Events and Cleaning.

This diversity of activities necessitates the rope access technician as well as the company that employs them to adapt traditional jobs knowledge to specific methods of intervention with rope whose practice requires a constant updating of techniques and ongoing professional training.

The rope access industry has become a key player in project management; it creates jobs, therefore professional organizations and companies are strongly committed in ongoing professional training for so many years.

This diversity allows rope access technicians to expand their area of skills, or enhance traditional job knowledge that may be required on certain interventions such as: rope access welder, rope access mason, rope access driller, etc.

Objectives and work

The end result is to create, using the experience of Europeans countries, « European Certification» adapted to rope access technicians and in compliance with the European Qualifications Framework.

The tools created are:

A reference for professional activities and skills of rope access technicians

A certification standards in compliance with the EQF, which incorporates the accreditation of work experience.

A modular training programme for rope access technicians

A trainers´ training programme allowing the transfer of new references and training programmes to trainers.

A Training certification jury programme, certification assessor allowing company leaders, employees and trainers to integrate certification criteria and modalities.

These tools have been tested and piloted in each country during the project.

This new certification contributes to the promotion and harmonization of the rope access technicians skills and will be extended to countries wishing to join in this process.

Consortium: Partners

Constitution of the consortium:

- ✓ GIPFIPAG in France, is responsible of the general coordination of the project
- ✓ National professional organizations in rope access work of four countries :
    - SFETH for France
    - ANETVA for Spain
    - FISAT for Germany
    - SOFT Sertifisering for Norway.
- ✓ Training organizations of three countries :
    - GRETA VIVA 5 for France,
    - TINDAÏ for Spain
    - SEILPARTNER GmbH for Germany
- ✓ An external auditor: CDI in Bulgaria responsible for the evaluation and quality assurance.

3. TRAINERS´ TRAINING PROGRAMME METHODOLOGY

The drafting of the training programme approach is as follows:

- ✓ Step 1 : Identification of the targeted public
- ✓ Step 2 : Clarification of the targeted public training needs
- ✓ Step 3 : Formulation of professionals and educational objectives
- ✓ Step 4 : Writing of the training contents
- ✓ Step 5 : Sequencing programme : activities planning, contents, supports and participants
- ✓ Step 6 : Selection of training assessment tools
- ✓ Step 7 : Production of trainees and trainers supports

4. TRAINERS´ TRAINING PROGRAMME

		TITLE OF MODULE	**TYPE**	**Duration**
		Transfer training on project results		2 days

Professional / operational objectives	• *Getting used to the different references* • *Extract information necessary for the conception, animation and evaluation of a training sequence* • *Suggest improvements to the contents and educational methods*
Admission requirements	• *Holder of a certification in rope access techniques* • *Have completed a training of trainers for adults / or one authorized by the rope access profession.* • *Be up-to-date with mandatory qualifications in work at height* • *Be aware of RAPC, Referential Certification and Training programme modules.*
Educational objectives	• *Present Leonardo project EPCRA* • *Display the methodology that enabled project productions* • *Present the pedagogy per objectives* • *Plan and elaborate a training sequence from referential* • *Plan and elaborate an evaluation sequence* • *Lead and manage a training sequence* • *Use tools that enable the continuous improvement of the training sequence*

Content	• Leonardo project EPCRA : objectives, partners, productions, experimentation
	
	• European Qualifications Framework (specifically ECVET credits), and national or professional certifications of different countries
	
	• Competency-Based Approach
	
	• Structural components of RAPC : functions, activities, tasks, knowledges, skills and competences
	
	• Structural components of Certification Referential : General architecture, certification units and assessment modalities and criteria
	
	• Structural components of the training programme of trainers : modules description sheets
	
	• Conception of a training sequence from project productions :
	  ✓ Define objectives,
	  ✓ Plan training activities
	  ✓ Structure learning situations,
	  ✓ Organize training activities
	  ✓ Organize the logistic of the training : space, resources, equipment,
	  ✓ Prepare trainees´ and trainers´ supports
	
	• Techniques of leading training adapted to rope access work: theoretical and practical phases.
	
	• Conception of trainees´ assessment: modalities and tools of assessment
	
	• Difference of treatment in a continuous improvement process: Difficulties met during the training sequence and trainees' satisfaction on the spot.

Performance criteria	• Present CEC and Competence-Based Approach concept • Use the RAPC and Certification Referential • Link references with training certificate
Evaluation criteria	• Oral assessment questionnaire oral of performance criteria • Training certificate
Educational methodology	• Theoretical classes. • Exchanges of practices and experiences. • Practical situations

5. **EDUCATIONAL SCENARIO OF THE TRAINERS´ TRAINING**

The educational or learning scenario represents the description of a learning progress aimed at the accumulation of knowledge, specifying activities, resources and tools required to implement activities.

Day 1
1 hour : Welcome/introduction of participants, organisers and presentation of the trainers´ training programme 1 hour : General framework : European qualification framework, ECVET and national certifications 1 hour 30 Leonardo project EPCRA , • Presentation • Methodology • Main results. 1 hour - Referential of Professional Activities and Competences : • Competency-Based Approach • Constitutive elements of RAPC : functions, activities, tasks, knowledges, skills and competences 1 hour – Referential of certification : • General architecture • Certification units • Assessment and modalities and criteria   1 hour 30 – The training programme of trainers Structural component programme of the **training of a rope access technician** : description and modules sheets
<u>Documentation :</u> Distribute documents before training (RAPC, referential of certification, and rope access technician training programme) Slideshows

Day 2
4 hours - Conception of a training sequence from project productions :   - Define objectives   - Plan training activities   - Structure learning situations   - Organise training activities   - Organise the logistic of the training: space, resources, equipment,   - Prepare trainees and trainers' supports   Methodology : Presentation to the group, then work in sub-groups on an example to end with a presentation in front of the group 1 hour – Techniques of leading a training sequence adapted on rope access work: theoretical and practical phases. 1 hour - Conception of trainees' assessment : Modalities and tools of a trainees´ assessment 1hour Evaluation of the two days training : Oral evaluation and satisfaction questionnaire
Documentation : Slideshows Questionnaire of satisfaction

6. EVALUATION OF THE TRAINING

Programme d'éducation et de formation tout au long de la vie

EP★RA
European Professional Certification for Rope Access

**CREATION OF A EUROPEAN PROFESSIONAL CERTIFICATION
IN ROPE ACCESS - EPCRA**

PROJECT No 2013-4329 / 539262-LLP-1-2013-1-FR- LEONARDO - LMP

SATISFACTION QUESTIONNAIRE
TRAINING OF TRAINERS

Name (optional) ....
Institution (optional) ....
Date: ....

1. ACHIEVMENT OF TRAINING OBJECTIVES	Achieved	Not achieved
Present Leonardo project EPCRA		
Getting used in the different references		
Suggest improvements on the contents		

2. PREPARATION OF THE TRAINING, PEDAGOGICAL CONSTRUCTION, ORGANISATION	Not al all satisfisfied	Unsatisfied	Satisfied	Quite satisfied
Preliminary information received on training content and objectives				
Classes, equipment				
Reception				
Learning progress				
3. TOOLS AND PRODUCTIONS	Not at all satisfied	Unsatisfied	Satisfied	Quite satisfied
3.1. RAPC				
How would you mark the structure of the document?				
How would you mark the readability of the document?				
How would you mark the quality of RAPC content?				

How would you mark the importance of the RAPC for your needs and those or your organisation?				
3.2. REFERENTIAL OF CERTIFICATION				
How would you mark the structure of the document?				
How would you mark the readability of the document?				
How would you mark the quality of RC content?				
How would you mark the importance of the RC for your needs and those or your organisation?				
3 .3. Rope access training programme				
How would you mark the structure of the document?				
How would you mark the readability of the document?				
How would you mark the quality of the training programme content				
Comment noteriez-vous l'importance du programme de formation pour vos besoins ou pour ceux de votre organisation?				

4. TRAINERS	*Not at all satisfied*	*Unsatisfied*	*Satisfied*	*Quite satisfied*
Professionalism of the trainers				
Efficacy of the trainers				
Clarity of explanations				
How would you mark the duration of the module?	*Too short*	*Adapted*		*Too long*

Overall satisfaction training (1-Not at all satisfied; 10 – very satisfied)	1	2	3	4	5	6	7	8	9	10
Comments and remarks :										

**CREATION OF A EUROPEAN PROFESSIONAL CERTIFICATION
IN ROPE ACCESS - EPCRA**

PROJECT No 2013-4329 / 539262-LLP-1-2013-1-FR- LEONARDO - LMP

SUPPLEMENTARY QUESTIONNAIRE
QUALITY OF THE ANIMATION
OF THE TRAINING OF TRAINERS

Name (optional) ....

Institution (optional) ....

Date: ....

Place: ....

TRAINER X	yes	no
The pace and content of the training are adapted to the public		
The trainer presents the subject in an interesting and attractive way		
The trainer master the subject and gives practical examples		
The trainer mobilizes participants in the training process		
The trainer is able to adapt his training to each participant. He customizes his message, adapts to each participant context...		
The trainer was encouraging and motivating		
The explanations were clear and understandable		
Comments :		

TRAINER Y	yes	no
The pace and content of the training are adapted to the public		
The trainer presents the subject in an interesting and attractive way		
The trainer master the subject and gives practical examples		
The trainer mobilizes participants in the training process		
The trainer is able to adapt his training to each participant. He customizes his message, adapts to each participant context...		
The trainer was encouraging and motivating		
The explanations were clear and understandable		
Comments :		

This publication has been

conducted under

EPCRA project

"Professional

European Certification

for Rope Access"

funded by the European

Union through its

sector program

"Leonardo da Vinci"

Multilateral projects

http://www.epcra.eu