Projects and Products Portal for Leonardo da Vinci

European Training Programme for Completing the requirements for Quality Welding

2009-1-ES1-LEO05-10379

http://www.adam-europe.eu/adam/project/view.htm?prj=7818

Projektinformationen

Titel:	European Training Programme for Completing the requirements for Quality Welding
Projektnummer:	2009-1-ES1-LEO05-10379
Jahr:	2009
Projekttyp:	Innovationstransfer
Status:	abgeschlossen
Land:	ES-Spanien
Marketing Text:	With the Handbooks and the web site from this project, it is intended that in a very simple way, all workers involved in the process of fusion welding of metallic materials, can follow the guidelines for the implementation of the EN-ISO 3834 Standard in their workshops
Zusammenfassung:	This project, as originally specified in its proposal, which aims to harmonize the training of personnel involved in the management and control of welding process in the industrial manufacturers across various European countries, one of the needs of business, implementation and application of EN ISO 3834. Once the project and prepared the various manuals to be used, these must be transferred to the different levels responsible for the national vocational training systems, both in educational administration as labor administration, to be implemented in various programs training, to do the work they have to perform each of the partners is very important because they include members of professional welding sector, which include in their training, and their actions accreditation people in this sector, and other partners from the regional administrations of education and employment, which will be responsible for implementing them in training programs for which they are responsible, which will ensure uniformity in the training of all sector personnel and welding personnel and organizations dedicated to training in this sector, thereby achieving the transparency and recognition of qualifications and skills through training activities to develop with this group.
Beschreibung:	Processes such as welding are usual used on many products manufacturing.So, its very important to ensure that these processes are implemented of the most effectively way and the suitable controls are applied at all aspect of the operation.On a product, the quality can´t be inspected, this one should be inclued on the product. In order to during the manufacturing and the services the products are free form problems, it´s necessary to establish controls from the design stage, the materials selections, manufacturing ant its inspections. A manufacturer usally should provide information with which it is possible to verify, or support, that the manufacturing is carried on a aceptable way for the use of the final product. Several times, this product should be accepted by a third body. The suitable quality requeriments on fusión welding processes are indicated on ISO 3834 standard.This standar has been prepared so that: • it´s indepent from the product manufactured. • it defines quality requeriments for welding in workshop or on-site welding; • it provides a guideline in order to describe the capacity of the manufacturer for to produce constructions which fulfill the requeriments that have been indicated. These reasons are enough in order to demostrate that the staff who are involved on the metalic materials fusión welding have to be educated on to implement and to apply ISO 3834 on their companies. One of the most common needs of companies is the development and implementation of ISO 3834.It's a great problem because they know that their customers can be specified in contract documents that the manufacturer demonstrates its competence by compliance with ISO 3834. Training is a main ítem for the competitiveness of companies when customer needs and new technologies change quickly and competitors grow indefinitely. Therefore, the mentioned problem can be solved through training of personnel involved in the management and control of welding process. This training is based on the standard series EN-ISO 3834 "Quality requirements for fusion welding of metallic materials, in order to define the profiles of this personnel and their training needs. This project in addition to supporting the certification of companies according to ISO 3834, supports the participants in training and continuing training in the acquisition

Projektinformationen

and use of knowledge, skills and qualifications to facilitate personal development.

Themen:
*** Arbeitsmarkt
*** Lebenslanges Lernen
*** Anerkennung, Transparenz, Zertifizierung
*** Berufsorientierung und -beratung
*** Unternehmen, KMU
** Nutzung und Verbreitung von Ergebnissen
** Qualität
** Fernlehre
** Chancengleichheit
** Weiterbildung
** Erstausbildung
* Sonstiges

Sektoren:
*** Verarbeitendes Gewerbe/Herstellung von Waren
*** Erziehung und Unterricht
** Verkehr und Lagerei
** Baugewerbe/Bau
** Wasserversorgung; Abwasser- und Abfallentsorgung und Beseitigung von Umweltverschmutzungen
** Energieversorgung
** Bergbau und Gewinnung von Steinen und Erden
* Öffentliche Verwaltung, Verteidigung; Sozialversicherung
* Handel; Instandhaltung Und Reparatur Von Kraftfahrzeugen
* Erbringung von Freiberuflichen, Wissenschaftlichen und Technischen Dienstleistungen
* Erbringung von Sonstigen Dienstleistungen

Produkt Typen:
Lehrmaterial
Homepage
Unterlagen für offenen Unterricht
Fernlehre
Transparenz und Zertifizierung
DVD
Evaluierungsmethoden
CD-ROM

Produktinformation: The documents were obtained at the conclusion of this project were as follows:
Work methodology (partners), questionnaires for the study sector, teaching guide for use in training activities, manual of practice for use by companies of the weld site, as part of consultation users, leaflet, logo and a quality manual for use by partners.

Projektwebseite: www.qws3834.com

Vertragnehmer

Name:	Regional Employment Service
Stadt:	Madrid
Land/Region:	Comunidad De Madrid
Land:	ES-Spanien
Organisationstyp:	Öffentliche Einrichtung
Homepage:	http://www.madrid.org/servicio_regional_empleo/

Kontaktperson

Name:	Ángel Sánchez Hita
Adresse:	Avenida Vía Lusitana 21
Stadt:	Madrid
Land:	ES-Spanien
Telefon:	914207314
Fax:	914207354
E-Mail:	angel.sanchez.hita@madrid.org
Homepage:	

Koordinator

Name:	General Direction of Training
Stadt:	Madrid
Land/Region:	Comunidad De Madrid
Land:	ES-Spanien
Organisationstyp:	Öffentliche Einrichtung
Homepage:	

Kontaktperson

Name:	Ángel Sánchez Hita
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Land:	ES-Spanien
Telefon:	914207314
Fax:	914207354
E-Mail:	angel.sanchez.hita@madrid.org
Homepage:	

Partner

Partner 1

Name:	Technical University - Sofia
Stadt:	Sofia
Land/Region:	Sofia Stolitsa
Land:	BG-Bulgarien
Organisationstyp:	National Agency
Homepage:	

Partner 2

Name:	Romanian Welding Society
Stadt:	Timioara
Land/Region:	Sud Est
Land:	RO-Rumänien
Organisationstyp:	andere
Homepage:	http://www.asr.ro

Partner 3

Name:	Institute of Welding
Stadt:	Gliwice
Land/Region:	Slaskie
Land:	PL-Polen
Organisationstyp:	andere
Homepage:	http://www.is.gliwice.pl

Partner 4

Name:	European Federation for Welding, Joining and Cutting (EWF)
Stadt:	Oreiras
Land/Region:	Lisboa
Land:	PT-Portugal
Organisationstyp:	andere
Homepage:	http://www.ewf.be

Partner

Partner 5

Name:	National Centre for Vocational Occupational Training
Stadt:	Cartagena
Land/Region:	Murcia
Land:	ES-Spanien
Organisationstyp:	andere
Homepage:	http://www.sefcarm.es/cnfo/

Partner 6

Name:	Spanish Welding Society
Stadt:	Leganés
Land/Region:	Comunidad De Madrid
Land:	ES-Spanien
Organisationstyp:	andere
Homepage:	http://www.cesol.es

Produkte

1 European Training Programme for Completing the requirements for Quality Welding under Standard

2 Work Methodology

3 Questionnaires

4 Teaching Guide.

5 Manual of good practice.

6 Website

7 diptych

8 Poster

9 Quality Manual

10 logo

Produkt 'European Training Programme for Completing the requirements for Quality Welding under Standard Series EN-ISO 3834'

Titel:	European Training Programme for Completing the requirements for Quality Welding under Standard Series EN-ISO 3834
Produkttyp:	Lehrmaterial
Marketing Text:	a) Study Manuals, including Didactic Guides; there shall be specimens for the teachers and for the pupils; b) Proper Skills Manuals; c) Evaluation tools; d) web site.
Beschreibung:	Special teaching materials for implementing and assimilation the contents of the Project.
Zielgruppe:	The personel who is the foreseen Target Group of this Project is: • Welders, assemblers and workshop staff. • Vocational training students: initial, ocupational and continuous. • Vocational training trainers: initial, ocupational and continuous. • Intermediate leaders of the welding fabrication process. • Welding inspectors. • Quality auditors for certification according to UNE-EN-ISO 3834. • Wedling coordinators. • Managers from companies where there are welding processes on its manufacturing, or on any stage. . Non Destructive Testing Personnel.
Resultat:	DURING THE PROJECT, WE WILL OBTAIN DIAGNOSIS STUDIES OF THE COMPANIES FROM THE WELDING FIELD IN THE COUNTRIES BELONGING TO THE CONSORTIUM MEMBERS IN ORDER TO DEFINE THE PROFESSIONAL AND TRAINING PROFILES. AT THE END OF THE PROJECT TEACHING MATERIAL WILL BE OBTAINED IN ORDER TO DEVELOP TRAINING ACTIONS IN THE NATIONAL TRAINING SYSTEMS IN DIFFERENT FORMS: FACE TO FACE LEARNING, SEMI-PRESENTIAL LEARNING, DISTANCE LEARNING AND E-LEARNING. BASED ON THE DIFERENT PROFILES AND METHODS LOCATED IN DIFFERENT COMPANIES FOLLOWING DOCUMENTS WILL BE DEVELOPED:
Anwendungsbereich:	INDUSTRIAL WELDING FIELD, which includes: Official Vocational Training; Vocational Training for the Employment; Continuous Vocational Training; In-company Training.
Homepage:	
Produktsprachen:	Englisch

Produkt 'Work Methodology'

Titel:	Work Methodology
Produkttyp:	andere
Marketing Text:	No
Beschreibung:	Document aimed at laying the foundations of the procedures and actions to be taken for the duration of the project, aimed at ensuring the proper conduct of yourself and achieve the targets set within a minimum quality.
Zielgruppe:	Project partners.
Resultat:	English
Anwendungsbereich:	Project partners.
Homepage:	
Produktsprachen:	Englisch

Produkt 'Questionnaires'

Titel:	Questionnaires
Produkttyp:	Verfahren zur Analyse und Prognose des Berufsbildungsbedarfes
Marketing Text:	No
Beschreibung:	Document where data is collected for use in the Sector Study to apply in each of the countries that form the consortium.
Zielgruppe:	Welding industry, education and training.
Resultat:	English
Anwendungsbereich:	Personnel employed in welding.
Homepage:	
Produktsprachen:	

Produkt 'Teaching Guide.'

Titel:	Teaching Guide.
Produkttyp:	Programme/Curricula
Marketing Text:	No
Beschreibung:	Tutorial model for the development and elaboration of the training in EN ISO 3834, for staff working in the field of welding and their inclusion in the different education systems in partner countries that make up the consortium, this tutorial will be used in the training curricula of initial vocational training (formal training) and training for employment, unemployed and employed (informal training) of the national educational establishment (educational administration and labor administration) and accreditation professional competencies for personnel trained in this specialty training (EN ISO 3834), required in the welding industry.
Zielgruppe:	Students and faculty of the initial vocational education and training for employment (unemployed and employed) in the training specialty welding, as well as workers, whatever their functions within the welding industry.
Resultat:	English
Anwendungsbereich:	Weld area and vocational training.
Homepage:	www.qws3834.com
Produktsprachen:	

Produkt 'Manual of good practice.'

Titel:	Manual of good practice.
Produkttyp:	Transparenz und Zertifizierung
Marketing Text:	No
Beschreibung:	Manual that will allow companies that have to apply in their work management, EN ISO 3834 on quality requirements for fusion welding processes of metallic materials, advice on procedures and forms to use, could be beneficial to those companies and their employees
Zielgruppe:	Personnel involved in the process of fusion welding of metallic materials.
Resultat:	English
Anwendungsbereich:	Personnel involved in the process of fusion welding of metallic materials.
Homepage:	
Produktsprachen:	

Produkt 'Website'

Titel:	Website
Produkttyp:	Homepage
Marketing Text:	No
Beschreibung:	The Website has been created as a very important part of the project, it is one of the objectives of this work. The Web page will include the various documents which were produced during the project, as well as information from various institutions involved, seminars, project logo, leaflets, posters, etc. and any other relevant information related to project.
Zielgruppe:	Different target groups are: students and faculty of Education and Training (VET) within the welding training specialties, companies and workers in welding, and schools in their training programs include training activities of the specialty welding, social partners, companies accreditation of the standard under this project, and all those companies and employees related to this sector.
Resultat:	English
Anwendungsbereich:	Different target groups are: students and faculty of Education and Training (VET) within the welding training specialties, companies and workers in welding, and schools in their training programs include training activities of the specialty welding, social partners, companies accreditation of the standard under this project, and all those companies and employees related to this sector.
Homepage:	
Produktsprachen:	

Produkt 'diptych'

Titel:	diptych
Produkttyp:	andere
Marketing Text:	No
Beschreibung:	Diptych, is an informative document that will serve to provide summary information on the objectives of the project and the partners that comprise it.
Zielgruppe:	Personnel involved in the process of fusion welding of metallic materials, including students, teachers, businesses, workers, etc..
Resultat:	English
Anwendungsbereich:	Personnel involved in the process of fusion welding of metallic materials, including students, teachers, businesses, workers, etc..
Homepage:	
Produktsprachen:	

Produkt 'Poster'

Titel:	Poster
Produkttyp:	andere
Marketing Text:	No
Beschreibung:	Print information about the project, which will be used in meetings to publicize the project and in future presentations and seminars are conducted by all partners in various conferences, events, seminars, courses, etc.
Zielgruppe:	All personnel involved in training within the field of welding, as well as employees and employers in this sector in particular, manufacturers, social workers, both union and business in the metal sector.
Resultat:	English.
Anwendungsbereich:	All personnel involved in training within the field of welding, as well as employees and employers in this sector in particular, manufacturers, social workers, both union and business in the metal sector.
Homepage:	
Produktsprachen:	

Produkt 'Quality Manual'

Titel:	Quality Manual
Produkttyp:	Evaluierungsmethoden
Marketing Text:	No
Beschreibung:	This document will serve to verify the quality of project results, not only during the lifetime of the project, but also when the project reaches completion and the document serves as an overall assessment report of the steps and results of the project.
Zielgruppe:	Document for internal use of the different project partners
Resultat:	English
Anwendungsbereich:	Document for internal use of the different project partners
Homepage:	
Produktsprachen:	

Produkt 'logo'

Titel:	logo
Produkttyp:	andere
Marketing Text:	No
Beschreibung:	Graph document model will allow us to identify the project object (QWS ISO 3834).
Zielgruppe:	All related personnel and involved with the welding industry, including trainers, students, training centers, social partners, producers, etc..
Resultat:	English
Anwendungsbereich:	All related personnel and involved with the welding industry, including trainers, students, training centers, social partners, producers, etc..
Homepage:	
Produktsprachen:	

Veranstaltungen

Broadcast Day

Datum	27.12.2011
Beschreibung	Day broadcast to disseminate the results of the project.
Zielgruppe	Companies welding, welding equipment manufacturers, students and teachers of vocational training centers and specific departments in universities as well as social agents and institutions and technology centers and accreditation bodies related to the sector of the weld.
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	Department of Education - Ministry of Education and Employment - Community of Madrid
Zeitpunkt und Ort	11 - Madrid (Spain)

Broadcast day

Datum	22.12.2011
Beschreibung	Meetings to publicize the results of the project.
Zielgruppe	Companies welding, welding equipment manufacturers, students and teachers of vocational training centers and specific departments in universities as well as social agents and institutions and technology centers and accreditation bodies related to the sector of the weld.
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	CESOL
Zeitpunkt und Ort	16 - Gijón (Asturias) (Spain).

Veranstaltungen

Day broadcast.

Datum	17.12.2011
Beschreibung	Meetings to publicize the results of the project.
Zielgruppe	Companies welding, welding equipment manufacturers, students and teachers of vocational training centers and specific departments in universities as well as social agents and institutions and technology centers and accreditation bodies related to the sector of the weld.
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	EWF
Zeitpunkt und Ort	10 - Oeiras (Portugal)

Day broadcast.

Datum	16.12.2011
Beschreibung	Meetings to publicize the results of the project.
Zielgruppe	Companies welding, welding equipment manufacturers, students and teachers of vocational training centers and specific departments in universities as well as social agents and institutions and technology centers and accreditation bodies related to the sector of the weld.
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	ISPL
Zeitpunkt und Ort	10 - Gliwice (Poland)

Veranstaltungen

Day broadcast.

Datum	07.12.2011
Beschreibung	Meetings to publicize the results of the project.
Zielgruppe	Companies welding, welding equipment manufacturers, students and teachers of vocational training centers and specific departments in universities as well as social agents and institutions and technology centers and accreditation bodies related to the sector of the weld.
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	Technical University of Sofia
Zeitpunkt und Ort	10 - Varna (Bulgaria)

Day broadcast

Datum	14.11.2011
Beschreibung	Broadcast Conference, promoted by the partners in each of their countries, to present and publicize the project and the materials developed.
Zielgruppe	Companies welding, welding equipment manufacturers, students and teachers of vocational training centers and specific departments in universities as well as social agents and institutions and technology centers and accreditation bodies related to the sector of the weld.
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	Occupational Training Center of Cartagena
Zeitpunkt und Ort	10 - Cartagena (Spain)

Veranstaltungen

MTM Conference

Datum	20.09.2011
Beschreibung	Meetings to publicize the results of the project.
Zielgruppe	Companies welding, welding equipment manufacturers, students and teachers of vocational training centers and specific departments in universities as well as social agents and institutions and technology centers and accreditation bodies related to the sector of the weld.
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	Technical University of Sofia
Zeitpunkt und Ort	10 - Varna (Bulgaria)

Day broadcast.

Datum	18.05.2011
Beschreibung	Meetings to publicize the results of the project
Zielgruppe	Companies welding, welding equipment manufacturers, students and teachers of vocational training centers and specific departments in universities as well as social agents and institutions and technology centers and accreditation bodies related to the sector of the weld.
Öffentlich	Öffentliche Veranstaltung
Kontaktinformation	EWF
Zeitpunkt und Ort	10 - Lisboa (Portugal)