

EUROPEAN PARLIAMENT

1999



2004

19 January 2004

A5-0470/2003/1

AMENDMENT 1

by , on behalf of the PPE-DE Group

Report

Stefano Zappalà

Recognition of professional qualifications

A5-0470/2003/2003

Proposal for a directive (COM(2002)119 – C5-0113/2002 – 2002/0061(COD))

Text proposed by the Commission

Amendment by Parliament

Amendment 1
Recital 21 d (new)

Different formation paths leading to the creation of two distinct profiles of engineers exist, however, in most Member States exist, to whom different competence and responsibilities as well as different degrees and professional titles are granted by law.

Or. en

Justification

EUROPEAN PARLIAMENT

1999



2004

19 January 2004

A5-0470/2003/1

AMENDMENT 2

by , on behalf of the PPE-DE Group

Report

Stefano Zappalà

Recognition of professional qualifications

A5-0470/2003/2003

Proposal for a directive (COM(2002)119 – C5-0113/2002 – 2002/0061(COD))

Text proposed by the Commission

Amendment by Parliament

Amendment 2
Recital 21 e (new)

To simplify this directive and to comply with the principle of subsidiarity in the field of formation, it is opportune to refer to the general concept of engineer to mean both the professional profiles co-existing in most Member States regulating the profession and to fix the procedures regulating the automatic recognition of the different qualifications in the same section, indicating the necessary requirements for the above mentioned recognition in a clear and detailed manner.

Or. en

Justification

EUROPEAN PARLIAMENT

1999



2004

19 January 2004

A5-0470/2003/1

AMENDMENT 3

by , on behalf of the PPE-DE Group

Report

Stefano Zappalà

Recognition of professional qualifications

A5-0470/2003/2003

Proposal for a directive (COM(2002)119 – C5-0113/2002 – 2002/0061(COD))

Text proposed by the Commission

Amendment by Parliament

Amendment 3
Article 45 bis (new)

Article 45 bis (new)

1. Training as an engineer with a technical-scientific profile shall comprise a total of at least five years of full-time study at a university or comparable teaching institution. The training must lead to successful completion of a university-level examination and professional authorization, if required.

The principal component of the training must be engineering, and the training must maintain a balance between the theoretical and practical aspects of technological advances and guarantee the acquisition of the knowledge and aptitudes listed in Annex V.7bis, point 5.7bis.1a.

2. Training as an engineer with a technical-applicative profile shall comprise a total of at least three years of full-time study at a university or comparable

teaching institution. The training must lead to successful completion of a university-level examination and professional authorization, if required.

The principal component of the training must be applied engineering, shall privilege the applicative aspects of technical innovation and shall guarantee the acquisition of the knowledge and aptitudes listed in Annex V.7bis, point 5.7bis.1.b.

3. The knowledge and aptitudes listed in Annex V.7bis, point 5.7bis.1a and 5.7bis.1.b, may be amended in accordance with the procedure referred to in Article 54(2) with a view to adapting them to scientific and technical progress.

4. The training and conditions of access by natural persons laid down in each Member State by existing legislative principles relating to the structure of professions may not be amended.

Or. en

Justification

EUROPEAN PARLIAMENT

1999



2004

19 January 2004

A5-0470/2003/2

AMENDMENT 4

by , on behalf of the PPE-DE Group

Report

Stefano Zappalà

Recognition of professional qualifications

A5-0470/2003/2003

Proposal for a directive (COM(2002)119 – C5-0113/2002 – 2002/0061(COD))

Text proposed by the Commission

Amendment by Parliament

Amendment 4
Article 52bis (new)

1. Each Member State shall communicate within, simultaneously to the other Member States and to the Commission, that shall forward it to the Committee provided for in Article 54, the list of professional qualifications which are awarded within its territory and which meet the criteria laid down in Annex V.7bis, together with the establishments and authorities awarding them.

The first list shall be sent within of notification of this Directive.

Each Member State shall likewise communicate any amendments made as regards professional qualifications which are awarded within its territory, in particular those which no longer meet the requirements of Annex V.7bis.

In the meanwhile, the general provisions of this directive shall apply to the recognition of the professional qualifications of

*engineers, not applying the automatic
recognition provided for in Title III,
Chapter III.*

Or. en

Justification

EUROPEAN PARLIAMENT

1999



2004

19 January 2004

A5-0470/2003/3

AMENDMENT 5

by , on behalf of the PPE-DE Group

Report

Stefano Zappalà

Recognition of professional qualifications

A5-0470/2003/2003

Proposal for a directive (COM(2002)119 – C5-0113/2002 – 2002/0061(COD))

Text proposed by the Commission

Amendment by Parliament

Amendment 5

Annex V.7 bis: Engineers (new)

Annex V.7 bis: Engineers (new)

5.7 bis.1 Knowledge and skills

5.7bis.1.a Training of theoretical – scientific engineers provides an assurance that the person concerned has acquired the following knowledge, skills and competences:

- 1. A thorough understanding of the theoretical – scientific aspects of mathematics and of the other fundamental sciences and to be able to utilize this knowledge in order to interpret and to describe the complex engineering problems or requiring an inter-disciplinary approach;*

2. *A thorough understanding of the theoretical and scientific aspects of engineering, in general as well as in depth as of their own field of specialization where they are able to identify, formulate and solve complex problems using an innovative approach and, when appropriate/required, an inter-disciplinary approach;*
3. *To be able to operate in the innovation and development of production, as well as in advanced designing, planning processes, programming and management of complex systems, each one in the field of their specialization;*
4. *To be aware of enterprise organization (enterprise culture) and of professional ethics;*
5. *To be aware of the importance of the profession and of the roles engineers play in society, in particular in drawing up projects that take into consideration social factors;*
6. *In particular the ability to create civil and industrial projects assuring the personal safety, energy savings, and the safeguard of the environment, the territory and resources, if involved, showing an in-depth knowledge of the risks factors as fundamental elements for a responsible and high quality engineering concept;*
7. *Knowledge of the survey and project preparation methods as well as of problems relevant to structures and use of innovative materials concerning projects of infrastructures and complex plants;*
8. *An adequate technical knowledge to design works and services meeting the*

final users' requirements within the constraints imposed by cost factors and by the regulations relevant to safety, the environment and optimum use of resources.

5.7bis.1.b *Training of technical – applicative engineers provides an assurance that the person concerned has acquired the following knowledge, skills and competences:*

1. *To know in an adequate manner the methodological – operative aspects of mathematics and of the other fundamental sciences and to be able to utilize this knowledge to interpret and describe simple engineering problems;*
2. *To know in an adequate manner the methodological – operative aspects of the engineering sciences, in a specific area where they are able to identify, formulate and solve problems utilising standardized methods, techniques and instruments;*
3. *To be able to utilize techniques and instruments to design single components of systems and processes;*
4. *To be able to understand the impact of the engineering solutions in the social, and physic – environmental context;*
5. *To know the enterprise contexts and the enterprise culture in their economic, managerial and organizational aspects;*
6. *To be aware of their own professional and ethical*

responsibilities.

Or. en

Justification