



## EUROPEAN COMMISSION

DIRECTORATE GENERAL III  
INDUSTRY

Directorate B: legislation and standardization; telematics networks  
**Unit III/B-2: normalisation**

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PDL

**M/071**

### **MANDATE TO CEN FOR STANDARDIZATION IN THE FIELD OF PRESSURE EQUIPMENT**

#### **I. MOTIVATION.**

This mandate relates to the draft Council Directive on the approximation of the laws of the Member States concerning pressure equipment, presented by the Commission on 15 July 1993 (COM(93)319 final of 14 July 1993 (OJ C 246 of 9 September 1993). Article 1 of the draft Directive states that the Directive applies to the design, manufacture and conformity assessment of equipment subject to an allowable pressure greater than 0.5 bar or less than -0.5 bar. The purpose of the Directive is principally to deal with risks arising from pressure.

Article 3 of the draft Directive lays down that pressure equipment falling within the scope of the Directive must meet the essential safety requirements applicable to it before it can be placed on the market; these essential safety requirements are specified in Annex I of the draft Directive. Article 5 lays down that pressure equipment shall be presumed to comply with the essential safety requirements when they comply with national standards transposing harmonized standards.

In January 1993 a programming mandate (CEN/CLC/01-92) was sent to CEN and CENELEC for the development of a work programme related to pressure equipment. CEN responded on 19 May 1994 with an initial programme of standards. The matter in the initial programme related to pressure equipment is divided into two parts, the first of which covers product related standards, and the second standards of a horizontal nature. As stated, the programme is an initial response to a programming request and will, it is considered, need to be modified in the light of developments in the drawing up of the standards and the process of adoption of the Directive. (CENELEC has indicated that at present it has no relevant activities to propose). The relevant two parts of the programme are annexed.

Originally, the draft Directive included aspects related to pressure equipment intended for use in connection with the transport of dangerous goods. Accordingly, some parts of the CEN response to the programming mandate deal with the preparation of standards relating to the transport of dangerous goods. However, since the issue of the earlier mandate this aspect has been removed from the scope of the draft Directive for pressure equipment, and hence the parts of the programme prepared in response to mandate CEN/CLC/01-92 that relate to the transport of dangerous goods are excluded from the scope of this standardization mandate. A draft Directive on the transport of dangerous goods is in preparation; consideration is being given to the question of a mandate for the parts of the CEN programme that deal with this issue. The horizontal standards in the part of the programme related to the transport of dangerous goods are very similar to the horizontal standards in the part related to pressure equipment.

The purpose of this mandate is to invite CEN, in co-operation with CENELEC as appropriate, to draw up standards for pressure equipment, as described in the scope of the draft Directive, on the basis of the two relevant parts of the programme - horizontal standards and product standards - submitted in response to the programming mandate CEN/CLC/01-92.

This mandate calls for the adaptation of the CEN, and where appropriate CENELEC, work programmes, for example to accommodate changes to the structure of standardization that may become evident in the course of the preparatory work, or to respond to adaptations to the Directive that may be made between its present preliminary stage and its ultimate form as adopted. CEN, and CENELEC where appropriate, are required to notify such changes or adaptations to the Commission which will in its turn advise the Committee on Standards and Technical Regulations.

## **II. DESCRIPTION OF THE MANDATED WORK.**

The Commission hereby requests CEN to draw up standards that are necessary and indispensable for the operation of the draft Directive mentioned above. The standards shall cover both product related requirements and requirements of a horizontal nature, and are to be drawn up on the basis of, but not limited to, the lists of standards relevant to pressure equipment submitted in response to the programming mandate CEN/CLC/01-92, i.e., the first two lists referring respectively to product related standards related to the pressure equipment Directive, and to standards of a horizontal nature related to the pressure equipment Directive.

### **A. Scope of the programme.**

With regard to the scope of the programme, the following conditions shall be observed:

1. It is recognised that the standards called for will cover a broader range than merely those that will give presumption of conformity with essential requirements of the Directive. Standards covering such matters as terminology and symbols, and other matters of a horizontal nature, are therefore covered by this mandate.

2. Standards that are in no way related to the basic objective of the Directive, that is, pressure risks, are, however, excluded. Examples of standards unrelated to the primary aim of the Directive and thus not covered by this mandate are those dealing with the characteristics of products or accessories that are not subject to, or related to, pressure.
3. Further standards may be needed additional to those presented in the initial programme.
4. Where it becomes necessary that projects be added to or withdrawn from the work programmes of CEN (or CENELEC), or where, in elaborating the standards, it becomes evident that amendments to the structure of the programme become necessary, CEN, or CENELEC where appropriate, shall advise the Commission of any such amendments, additions or withdrawals. Standards so added are covered by this mandate. The Commission will then inform the Committee on Standards and Technical Regulations.
5. CEN shall also indicate to the Commission which standards are intended to give presumption of conformity with essential requirements of Directives. The Commission will provide this information to the Committee on Standards and Technical Regulations. CEN shall inform the Commission the extent of which the standards presented are in line with the essential requirements of the Directive

*B. Requirements for the standards.*

Standards under this mandate shall meet the following requirements:

1. Standards dealing with horizontal aspects shall, as far as possible, be formulated in such a way as to be self-sufficient, i.e., so as to be applied, and where appropriate to give presumption of conformity with essential requirements, without the necessity for vertical standards for individual items of equipment.
2. Standards dealing with particular products shall not reproduce safety requirements already defined in the Directive. They shall not reproduce the essential requirements of the Directive to which nothing is added, nor attempt to express the content of an essential safety requirement in other terms. This does not preclude a reminder in such standards of the requirements that may apply to a particular type of standard (see paragraph 5 below).
3. Standards dealing with particular products shall, as far as possible, cover all aspects relevant to the product concerned regarding the risks dealt with by the Directive, i.e., product standards shall standardize the pressure-risk related aspects of the product to which they apply.
4. When a standard contains harmonized parts and parts that are not harmonized, the harmonized parts shall be clearly identified in the standard.
5. Where a standard is intended to give presumption of conformity with essential requirements, the link between essential requirements and corresponding parts of standards shall be clearly identified in accordance with established practice.

Co-operation shall be established and maintained as necessary with CENELEC.



### III. EXECUTION OF THE MANDATE.

1. CEN shall present a revised list of draft standards with target dates, based on the list in the Annex, considered in terms of the criteria in II above, to the Commission within six months of acceptance of this mandate. It shall present the draft standards listed therein by the target dates specified.
2. The European Standards (EN) shall be adopted by the target dates specified. At these dates, the three linguistic versions (German, English, French) shall be available as well as the correct titles in the other European Union languages. CEN (in cooperation with CENELEC as appropriate) shall notify the Commission of the addition or removal of any standards projects, with their target dates in the case of additions, which it approves for addition to its work programme, that may be necessary for the operation of the Directive. CEN shall also notify the Commission, initially within six months of the date of acceptance of this mandate, and thereafter when new work items are added or removed, of the standards which are expected to be capable of giving presumption of conformity with the provisions of this Directive.
3. The European standards adopted shall be transposed into national standards and differing national standards shall be withdrawn from the catalogues of the national standards organizations in the Member States within six months of their adoption.
4. Acceptance by CEN of this mandate starts the standstill period referred to in Article 7 of Council Directive 83/189/EEC of 28 March 1983 (OJ N° L 109 of 26 April 1983).

**ANNEX A**

RESPONSE BY CEN TO THE PROGRAMMING MANDATE  
CEN/CLC/01-92.