

Based upon Article 20, paragraph 4 of the Law on product safety (Official Gazette of the Republic of Macedonia No. 33/2006), the Minister of Economy has adopted this

## **RULEBOOK ON THE REQUIREMENTS FOR EFFICIENCY OF NEW HOT-WATER BOILERS FIRED WITH LIQUID OR GASEOUS FUELS**

### **I. GENERAL PROVISIONS**

#### **Article 1**

This Rulebook prescribes the requirements for efficiency applicable to new hot-water boilers fired with liquid or gaseous fuels with a rated nominal output of no less than 4 kW and no more than 400 k (hereinafter: boilers).

#### **Article 2**

For the purposes of this Rulebook, the following terms shall mean:

- boiler shall mean: the combined boiler body-burner unit, designed to transmit to water the heat released from burning the fuel;
- appliance shall mean: the boiler body designed to have a burner fitted; the burner designed to be fitted to a boiler body;
- effective rated output (expressed in kW): the maximum calorific output laid down and guaranteed by the manufacturer as being deliverable during continuous operation while complying with the useful efficiency indicated by the manufacturer;
- useful efficiency (expressed in %): the ratio between the heat output transmitted to the boiler water and the product of the net calorific value at constant fuel pressure and the consumption expressed as a quantity of fuel per unit time;
- part load (expressed in %): the ratio between the effective output of a boiler operating intermittently or at an output lower than the effective rated output and the same effective rated output;
- average temperature of the boiler water: the average of the water temperatures at the entry and exit of the boiler,
  
- standard boiler: a boiler for which the average water temperature can be restricted by design;
- back-boiler: a boiler designed to supply a central-heating system and to be installed in a fireplace recess as part of a back boiler/gas fire combination;
- low-temperature boiler: a boiler which can work continuously with a water supply temperature of 35 to 40<sup>0</sup>C, possibly producing condensation in certain circumstances, including condensing boilers using liquid fuel;
- gas condensing boiler: a boiler designed to condense permanently a large part of the water vapour contained in the combustion gases;
- boiler to be installed in the living space: a boiler with an effective rated output of less than 37 kW, designed to provide heat to the part of the living space in which it is installed by means of the emission of heat from the casing having an open expansion chamber, supplying hot water using gravity circulation; such boilers shall bear on their casings the explicit indication that they must be installed only in a living space.

## Article 3

The provisions of this Rulebook shall not apply for:

- hot-water boilers capable of being fired by different fuels including solid fuels;
- equipment for the instantaneous preparation of hot water;
- boilers designed to be fired by fuels the properties of which differ appreciably from the properties of the liquid and gaseous fuels commonly marketed (industrial waste gas, biogas, etc);
- cookers and appliances designed mainly to heat the premises in which they are installed and, as a subsidiary function, to supply hot water for central heating and sanitary hot water;
- appliances with rated outputs of less than 6 kW using gravity circulation and designed solely for the production of stored sanitary hot water;
- multipurpose appliances powered by heat;
- boilers manufactured on a one-off basis.

In the case of boilers with a dual function, that of heating premises and also providing sanitary hot water, the efficiency requirements referred to in Article 5, paragraph 1 and 2 of this Rulebook shall concern their heating function only.

## II. EFFICIENCY REQUIREMENTS FOR BOILERS

### Article 4

All necessary measures to ensure that boilers cannot be put into service, unless they satisfy the efficiency requirements set out in Article 5, paragraphs 1 and 2 of this Rulebook and the conditions for entry into service laid down on the basis of local climatic conditions and the energy and occupancy characteristics of the buildings, should be undertaken.

### Article 5

Boilers should comply with the following useful efficiency requirements:

- at rated output, i.e. operating at rated output  $P_n$  expressed in kW, at an average boiler-water temperature of 70°C and
- a part load, i.e. operating at 30% part load, at an average boiler-water temperature which varies according to the type of the boiler.

The useful efficiency requirements to be complied with are set out in the following table:

Type of boiler	Range of power output (Capacity)	Efficiency at rated output		Efficiency at part load	
		Average temperature of the boiler water (in °C)	Efficiency requirement (in %)	Average temperature of the boiler water	Efficiency requirement (in %)
Standard boilers	4 to 400	70	$> 84 + 2 \log P_n$	$> 50$	$> 80 + 3 \log P_n$
Low-temperature boilers (*)	4 to 400	70	$> 87,5 + 1,5 \log P_n$	40	$> 87,5 + 1,5 \log P_n$
Gas condensing boilers	4 to 400	70	$> 91 + 1 \log P_n$	30 (**)	$> 97 + 1 \log P_n$

(\*) Including condensing boilers using liquid fuels – gas condensing boilers.  
 (\*\*) Temperature of boiler water-supply.

The national standards drawn up according to the European harmonized standards (hereinafter: national standards) which are referring to the requirements laid down by the provisions of this Rulebook shall determine the verification methods valid for production and measurements. Appropriate tolerances must be incorporated in the efficiency levels.

### III. CONFORMITY ASSESSMENT

#### 1. Presumption of conformity

##### Article 6

Boilers bearing the CE marking and the EC declaration of conformity shall be regarded as conforming to the provisions of this Rulebook, including the conformity assessment procedures.

Boilers which conform to the national standards shall be presumed to conform to the essential efficiency requirements referred to in Articles 5, paragraphs 1 and 2 of this Rulebook.

##### Article 7

conformity of series-produced boilers shall be certified by:

- examination of the efficiency of a boiler type in accordance with Module B as described in Annex Chapter V, Subchapter 1 of this Rulebook,
- a declaration of conformity to the approved type in accordance with Module C, B or E as described in Chapter V, Subchapters 2, 3 and 4 of this Rulebook.

When appliances marketed in parts are placed on the market, they must be accompanied by the declaration of conformity, which defines the parameters enabling them after assembly to achieve the useful efficiency levels laid down in Article 5, paragraphs 1 and 2 of this rulebook.

#### 2. Legal persons which perform the assessment of conformity

##### Article 8

The legal person authorized to perform the assessment of conformity of boilers (hereinafter: notified body) should meet the criteria for performing the assessment of conformity, listed in Chapter IV of this Rulebook.

##### Article 9

The notified body who meets the criteria for performing the assessment of conformity, listed in Chapter IV of this Rulebook, may be authorized to perform one or more of the following conformity assessment procedures for boilers:

- type-examination (Module “B”), in accordance with the provisions from Chapter V, Subchapter 1 of this Rulebook,
- conformity to type (Module “C”), in accordance with the provisions from Chapter V, Subchapter 2 of this Rulebook,
- production quality assurance (Module “T”), in accordance with the provisions

- from Chapter V, Subchapter 3 of this Rulebook,
- product quality assurance (Module “E”), in accordance with the provisions from Chapter V, Subchapter 4 of this Rulebook.

The notified body which performs the assessment of conformity of boilers shall be assigned with a unique identification number of the body.

#### Article 10

The notified body which performs the conformity assessment procedures for boilers should continuously fulfil the corresponding criteria in Chapter IV of this Rulebook and shall be able to perform the specific tasks from the national standards.

#### Article 11

The designation (notification) procedure of the notified body in the European Commission shall be executed in accordance with product safety regulations.

### IV. CRITERIA TO BE FULFILLED BY THE NOTIFIED BODIES PARTICIPATING IN THE CONFORMITY ASSESSMENT PROCEDURES

#### Article 12

The notified body, its responsible personnel (director, manager, head, etc.) and expert personnel responsible for carrying out the assessment and verification operations may not be the designer, manufacturer, supplier or installer of the appliances which that body inspects, nor the authorized representative of any of those parties.

The notified body, its responsible personnel (director, manager, head etc.) and expert personnel may not become directly involved in the design, construction, marketing or maintenance of boilers and appliances, nor represent the parties engaged in these activities, except in cases of exchange of technical information between the manufacturer and the notified body.

#### Article 13

The notified body and its expert personnel should carry out the verification tests with the highest degree of professional integrity and technical competence and should be free from all pressures and inducements, particularly financial, which might influence their judgment or the results of the inspection, especially from persons or groups of persons with an interest in the results of verifications.

#### Article 14

The notified body should have at its disposal the necessary personnel and possess the necessary facilities to enable it to perform properly the administrative and technical tasks connected with the verification, as well as have access to the equipment required to perform special verifications.

The notified body shall have at least three expert full time employees who will be involved in the conformity assessment process, as follows:

- a mechanical engineer with a continuous experience of minimum three years in operations related to conformity assessment of boilers,

- a mechanical engineer with a continuous experience of minimum three years in operations related to inspections of boilers,
- a high school degree mechanical technician with a continuous experience of minimum three years in operations related to testing of boilers.

When the notified body also performs assessment or surveillance of the quality systems, it should employ a full time expert with continuous experience of minimum three years in operations related to introduction and assessment of quality systems.

#### Article 15

The expert personnel responsible for inspections should have:

- sound technical and professional training,
- satisfactory knowledge of the requirements of the tests they carry out and adequate experience of such tests,
- the ability to draw up the certificates, records and reports required to authenticate the performance of the tests.

#### Article 16

The notified body should ensure the impartiality of its expert personnel when performing the inspections and their remuneration should not depend on number of performed inspections nor on the results from such inspections.

The notified body should have adequate liability insurance.

The notified body, its responsible persons and expert personnel should respect the professional secrecy with regard to all information gained in carrying out their tasks (except vis-à-vis the competent national authorities) under this Rulebook or any provision of national law related to the conformity assessment procedures for boilers.

### V. CONFORMITY ASSESSMENT PROCEDURES

#### 1. Type-examination (Module "B")

##### Article 17

For the purposes of this Rulebook, type-examination (Module "B") shall be the part of the procedure by which a notified body ascertains and attests that a representative example of the production in question meets the provisions of the Rulebook which apply to it.

##### Article 18

The application for type-examination must be lodged by the manufacturer or by his authorized representative established within the Republic of Macedonia with a single notified body of his choice.

The application referred to in paragraph 1 should include:

- name, surname and address or name and the headquarters of the manufacturer; or if the application is lodged by the authorized representative established in the Republic of Macedonia, his name, surname and address of the headquarters,
- a written declaration that the same application has not been lodged with any other notified body,

- the technical documentation described in Article 19 of this Rulebook.

The applicant must place at the disposal of the notified body a representative example of the production envisaged, (hereinafter: ‘type’). The notified body may request further examples should the test programme so require.

#### Article 19

The technical documentation must enable an assessment to be made of the conformity of the appliance with the requirements of this Rulebook which apply to it.

Provided necessary to assess the conformity, the technical documentation referred to in paragraph 1 of this Article, it shall cover the design, manufacture and operation of the appliance and contain the following:

- a general description of the type,
- conceptual design, manufacturing drawings and diagrams of components, sub-assemblies, circuits, etc.,
- descriptions and explanations necessary for an understanding of the said drawings and diagrams and the operation of the product,
- a list of the national standards referred to in Article 5, paragraph 3 of this Rulebook, applied in full or in part, and a description of the solutions adopted to meet the essential requirements of the Rulebook where the national standards referred to in Article 5 of this Rulebook have not been applied,
- results of design calculations made, examinations carried out, etc.,
- test reports.

#### Article 20

When performing the type-examination the notified body should:

1. examine the technical documentation, verify that the type has been manufactured in conformity with it and identify the components designed in accordance with the relevant provisions of the national standards referred to in Article 5, paragraph 3 of this Rulebook, as well as those designed without applying the provisions of those standards;
2. perform or have performed the appropriate examinations and necessary tests to establish whether the solutions adopted by the manufacturer meet the essential requirements of this Rulebook where the national standards referred to in Article 5, paragraph 3 have not been applied;
3. perform or have performed the appropriate examinations and necessary tests to establish whether, where the manufacturer has chosen to apply the relevant national standards, these have actually been applied;
4. agree with the applicant the location where the examinations and necessary tests are to be carried out.

#### Article 21

Where the type satisfies the provisions of this Rulebook which apply to it, the notified body must issue an type-examination certificate to the applicant.

The certificate referred to in paragraph 1 of this Article, should contain the name, surname and address of the manufacturer’s headquarters, the conclusions of the examination and the necessary data for identification of the approved type.

A list of the relevant parts of the technical documentation should be annexed to the

certificate referred to in paragraph 1 and a copy should be kept by the notified body.

If the notified body refuses to issue a type-examination certificate to the manufacturer or to his authorized representative established within the Republic of Macedonia, that body must provide detailed reasons for such refusal.

If the notified body refuses to issue a type-examination certificate to the manufacturer or to his authorized representative established within the Republic of Macedonia, they could object to the notified body.

## Article 22

The applicant must inform the notified body that holds the technical documentation concerning the type-examination certificate of all modifications to the approved appliance; these are subject to additional approval where they may affect the conformity with the essential requirements or the prescribed conditions for use of that product.

This additional approval referred to in paragraph 1 should be given in the form of an addition to the original type-examination certificate.

## Article 23

Each notified body should communicate to the other competent bodies the relevant information concerning:

- type-examination certificates it has issued,
- withdrawn type-examination certificates, and,
- refused type-examination certificates.

## Article 24

The other notified bodies may receive copies of the type-examination certificates and/or their additions. The annexes to the certificates must be held at their disposal.

## Article 25

The manufacturer, or his authorized representative established within the Republic of Macedonia, should keep with the technical documentation copies of type-examination certificates and their additions for a period of 10 years after the last of the product has been manufactured.

Where neither the manufacturer nor his authorized representative is established in the Republic of Macedonia, the obligation to keep the technical documentation available shall be the responsibility of the natural or legal person who places the product on the market.

## 2. Conformity to type (Module “C”)

### Article 26

For the purposes of this Rulebook, conformity to type (Module “C”) is part of a procedure whereby the manufacturer or his authorized representative established in the Republic of Macedonia shall ensure and declare that the appliances are in conformity to the type described in the type-examination certificate and satisfy the requirements from the provisions of this Rulebook which apply to them.

The manufacturer or its authorized representative established in the Republic of Macedonia, should affix the conformity marking to each item and draw up a written declaration of conformity.

### Article 27

The manufacturer should take all measures necessary to ensure that the manufacturing process requires the manufactured appliances to comply with the type as described in the type-examination certificate and with the efficiency requirements as prescribed in the provisions of this Rulebook which apply to them.

### Article 28

The manufacturer, or his authorized representative established within the Republic of Macedonia, should keep a copy of the declaration of conformity for a period of 10 years after the last of the product has been manufactured.

Where neither the manufacturer nor his authorized representative is established in



the Republic of Macedonia, the obligation to keep the technical documentation available shall be the responsibility of the natural or legal person who places the product on the market.

#### Article 29

A notified body chosen by the manufacturer must perform or have performed examinations of the product at random intervals.

A suitable sample of the finished product, taken on the spot by the notified body, is examined and appropriate tests, defined in the applicable standard or standards referred to in Article 5, paragraph 3 of this Rulebook or equivalent tests are carried out to check the conformity of the product with the requirements of the corresponding Rulebook.

Should one or more of the examined products not conform, the notified body should take appropriate measures.

### 3. Production quality assurance (Module “B”)

#### Article 30

For the purposes of this Rulebook, production quality assurance (Module “D”) is a procedure whereby the manufacturer who satisfies the obligations of Article 31 of this Rulebook ensures and declares that the appliances concerned are in conformity with the type described in the type-examination certificate and satisfy the requirements from the provisions of this Rulebook which apply to them.

The manufacturer or its authorized representative established in the Republic of Macedonia, should affix the conformity marking to each item and draw up a written declaration of conformity.

The conformity marking, referred to in paragraph 2 of this Article should be accompanied by the identification number of the notified body responsible for surveillance as specified in Articles 36 to 39 of this Rulebook.

#### Article 31

The manufacturer should operate an approved quality system for production, final inspection and testing as specified in Articles 32 to 35 of this Rulebook and be subject to surveillance as specified in Articles 36 to 39 of this Rulebook.

#### 3.1. Quality system

#### Article 32

The manufacturer should lodge an application for assessment of his quality system with a notified body of his choice.

The application referred to in paragraph 1 of this Article should include:

- all relevant information for the appliance category envisaged,
- the documentation concerning the quality system,
- the technical documentation for the approved type and a copy of the type-examination certificate.

#### Article 33

The quality system should ensure compliance of the appliances with the type as described in the type-examination certificate and with the provisions of this Rulebook that apply to them.

All the elements, requirements and provisions adopted by the manufacturer should be documented in a systematic and orderly manner in the form of written policies, procedures and instructions. This quality system documentation should permit a consistent interpretation of the quality programmes, plans, manuals and records.

The documentation on the quality system referred to in paragraph 2 of this Article should include an appropriate description of:

- the quality objectives and the organizational structure, responsibilities and powers of the management with regard to the quality of the appliance,
- the manufacturing, quality control and quality assurance techniques, processes and systematic actions applied to ensure the quality,
- the examinations and tests that will be carried out before, during and after manufacture, and the frequency with which they will be carried out,
- the quality records, such as inspection reports and test data, calibration data, reports concerning the qualifications of the personnel concerned,
- the means of monitoring the achievement of the required appliance quality and the effective operation of the quality system.

#### Article 34

The notified body must assess the quality system to determine whether it satisfies the requirements referred to in Article 33 of this Rulebook.

The elements of the quality system which conform to the relevant national standard are presumed to comply with the corresponding requirements referred to in Article 33 of this Rulebook.

The auditing team must have at least one member with experience of assessing the relevant product technology. The assessment procedure should include an inspection visit to the manufacturer's premises.

The result should be notified to the manufacturer. The notification must contain the conclusions of the examination and the reasoned assessment decision.

#### Article 35

The manufacturer should undertake to fulfil the obligations arising out of the quality system as approved and maintain it at an adequate and efficient level.

The manufacturer, or his authorized representative established within the Republic of Macedonia, should inform the notified body that has approved the quality system of any intended adjustment to the quality system.

The notified body must assess the proposed changes and decide whether the amended quality system will still satisfy the requirements referred to in Article 33 of this Rulebook or whether a reassessment is required.

The decision should be notified to the manufacturer. The notification must contain the conclusions of the examination and the reasoned assessment decision.

### 3.2. Surveillance under the responsibility of the notified body

#### Article 36

The purpose of surveillance is to make sure that the manufacturer duly fulfils the obligations arising out of the approved quality system.

#### Article 37

The manufacturer shall allow the notified body access for inspection purposes to the locations of manufacture, inspection, testing and storage and provide it with all necessary information, in particular:

- quality system documentation,
- the quality records, such as inspection reports and test data, calibration data, reports concerning the qualifications of the personnel concerned, etc.

#### Article 38

The notified body must carry out periodic audits to make sure that the manufacturer maintains and applies the quality system and provide the manufacturer with an audit report.

#### Article 39

The notified body may pay unannounced visits to the manufacturer and, if necessary, the notified body may carry out tests or have them carried out to verify that the quality system is functioning correctly.

The notified body should provide the manufacturer with a visit report and, if a test has taken place, with a test report.

### 3.3. Keeping the documentation and communication of information

#### Article 40

The manufacturer must, for a period of 10 years after the last of the product has been manufactured, hold at the disposal of the competent national authorities:

- the documentation referred to in the second indent, paragraph 2 of Article 32 of this Rulebook;
- the adjustments referred to in the second paragraph of Article 35 of this Rulebook;
- the decisions and reports from the notified body which are referred to in paragraph 4 of Article 35 and Articles 38 and 39 of this Rulebook.

#### Article 41

Each notified body should communicate to the other competent bodies the relevant information concerning:

- withdrawn quality system approvals and
- withdrawn quality system approvals.

### 4. Product quality assurance (Module “E”)

#### Article 42

For the purposes of this Rulebook, product quality assurance (Module “E”) is a

procedure whereby the manufacturer who satisfies the obligations of Article 43 from this Rulebook ensures and declares that the boilers and the appliances are in conformity with the type as described in the type-examination certificate.

The manufacturer or its authorized representative established in the Republic of Macedonia, should affix the conformity marking to each boiler and appliance and draw up a written declaration of conformity.

The conformity marking, referred to in paragraph 2 of this Article should be accompanied by the identification number of the notified body responsible for surveillance as specified in Articles 48 to 51 of this Rulebook.

#### Article 43

The manufacturer should operate an approved quality system for production, final inspection and testing as specified in Articles 44 to 47 of this Rulebook and be subject to surveillance as specified in Articles 48 to 51 of this Rulebook.

#### 4.1. Quality system

##### Article 44

The manufacturer must lodge an application for assessment of his quality system with a notified body of his choice. The application referred to in paragraph 1 of this Article should include:

- all relevant information for the boiler and appliance category envisaged,
- the documentation concerning the quality system,
- the technical documentation for the approved type and a copy of the type-examination certificate.

##### Article 45

Under the quality system, each boiler or appliance should be examined and appropriate tests as defined in the relevant standards referred to in Article 5 of this Rulebook or equivalent tests are carried out in order to verify its conformity with the relevant requirements of this Rulebook which apply to them.

All the elements, requirements and provisions adopted by the manufacturer should be documented in a systematic and orderly manner in the form of written policies, procedures and instructions. This quality system documentation should permit a consistent interpretation of the quality programmes, plans, manuals and records.

The documentation on the quality system referred to in paragraph 2 of this Article should include an appropriate description of:

- the quality objectives and the organizational structure, responsibilities and powers of the management with regard to the quality of the product,
- the examinations and tests to be carried out after manufacture,
- the means of monitoring the effective operation of the quality system,
- the quality records, such as inspection reports and test data, calibration data, reports concerning the qualifications of the personnel concerned.

##### Article 46

The notified body must assess the quality system to determine whether it satisfies the

requirements referred to in Article 45 of this Rulebook.

The elements of the quality system which conform to the relevant national standards are presumed to comply with the corresponding requirements referred to in Article 45 of this Rulebook.

The auditing team must have at least one member with experience of assessing the relevant product technology. The assessment procedure shall include an inspection visit to the manufacturer's premises.

The result should be notified to the manufacturer. The notification must contain the conclusions of the examination and the reasoned assessment decision.

#### Article 47

The manufacturer should undertake to fulfil the obligations arising out of the quality system as approved and maintain it at an adequate and efficient level.

The manufacturer, or his authorized representative established within the Republic of Macedonia, should inform the notified body that has approved the quality system of any intended adjustment to the quality system.

The notified body must assess the proposed changes and decide whether the amended quality system will still satisfy the requirements referred to in Article 45 of this Rulebook or whether a reassessment is required.

The decision should be notified to the manufacturer. The notification must contain the conclusions of the examination and the reasoned assessment decision.

#### 4.2. Surveillance under the responsibility of the notified body

#### Article 48

The purpose of surveillance is to make sure that the manufacturer duly fulfils the obligations arising out of the approved quality system.

#### Article 49

The manufacturer shall allow the notified body access for inspection purposes to the locations of manufacture, inspection, testing and storage and provide it with all necessary information, in particular:

- quality system documentation,
- the technical documentation,
- the quality records, such as inspection reports and test data, calibration data, reports concerning the qualifications of the personnel concerned.

#### Article 50

The notified body must carry out periodic audits to make sure that the manufacturer maintains and applies the quality system and provide the manufacturer with an audit report.

#### Article 51

The notified body may pay unannounced visits to the manufacturer and, if necessary, the notified body may carry out tests or have them carried out to verify that the quality system

is functioning correctly.

The notified body should provide the manufacturer with a visit report and, if a test has taken place, with a test report.

#### 4.3. Keeping the documentation and communication of information

##### Article 52

The manufacturer must, for a period of 10 years after the last of the product has been manufactured, hold at the disposal of the competent national authorities:

- the documentation referred to in the third indent, paragraph 2 of Article 44 of this Rulebook,
- the adjustments referred to in the second paragraph of Article 47 of this Rulebook,
- the decisions and reports from the notified body which are referred to in paragraph 4 of Article 47 and Articles 50 and 51 of this Rulebook.

##### Article 53

Each notified body should communicate to the other competent bodies the relevant information concerning:

- issued quality system approvals and
- withdrawn quality system approvals.

### VI. CE-CONFORMITY MARKING

##### Article 54

When boilers are placed on the market, they should bear CE-marking which consists of the initials 'CE'.

The CE marking consists of the CE abbreviation in accordance with the model given in Appendix 1 enclosed to this Rulebook.

Should the 'CE'-marking be reduced or enlarged the proportions given in the Annex 1 should be complied with.

Various components of the 'CE'-marking should have, in essence, the same vertical dimensions, which may not be less than five millimetres.

The CE marking shall be affixed on the boilers in a visible, easily legible and indelible fashion.

##### Article 55

The affixing of markings on boilers which are likely to mislead the natural and legal persons as to the meaning or form of the CE marking shall be prohibited.

Any other marking may be affixed to the boilers and appliances provided that the visibility and legibility of the CE marking is not thereby reduced.

### VII. TRANSITIONAL AND FINAL PROVISIONS

##### Article 56

The provisions from this Rulebook, which refer to 'CE'-marking, shall apply after the

accession of the Republic of Macedonia in the European Union or after the entry into force of an appropriate Protocol with the European Community on conformity assessment and after the designation (notification) of a notified body of Republic of Macedonia in the European Commission.

#### Article 57

Before the period of the accession of the Republic of Macedonia in the European Union, the manufacturers or their authorized representatives established in the Republic of Macedonia may permit the placing on the market of boilers which bear the conformity marking, provided they are complying with the essential efficiency requirements as laid down in the provisions of this Rulebook.

In case of paragraph 1 of this Article, the manufacturer of boilers and appliances should obtain a conformity certificate from the notified body for conformity assessment in Republic of Macedonia, in accordance with the conformity assessment procedures as set by the provisions of this Rulebook, taking into consideration the relevant national standards.

The certificate of conformity issued in accordance with paragraph 2 of this Article, shall replace the conformity mark and it shall be kept for a period of 10 years after the last of the product has been manufactured. Documentation for each boiler and appliance verified by the manufacturer shall be accompanied by a copy of the conformity certificate.

#### Article 58

Before the period of the accession of the Republic of Macedonia in the European Union or before entrance into force of an appropriate Protocol for conformity assessment with the European Union or before entrance into force of an appropriate bilateral agreement for mutual document recognition, any boilers imported and placed on the market within the Republic of Macedonia shall possess a conformity certificate issued by an notified body established in the Republic of Macedonia in accordance with the provisions in Chapter V of this Rulebook. The authorized body may issue a conformity certificate solely for the appropriate procedure which the body is authorized for

The certificate of conformity referred to in paragraph 1 of this Article shall be issued based upon EC declaration of conformity from the manufacturer, EC type-examination certificate for approved quality system, upon results from the conducted tests and after an analysis on the level of conformity with the essential efficiency requirements as set out in the provisions from this Rulebook.

The certificate of conformity referred to in paragraph 1 of this Article, shall be issued for each manufactured boiler and it shall accompany its documentation.

Where non-conformity of the boiler with the requirements set out in the provisions of this Rulebook is established, a conformity certificate shall not be issued, and in accordance with that decision, the notified body shall forthwith inform the Commission for product safety thereof.

#### Article 59

After the accession of the Republic of Macedonia in the European Union or after the entry into force of an appropriate Protocol with the European Community, for the purposes of this Rulebook, the following terms shall apply:

- "authorized representative established in the European Union or in the Republic of Macedonia" instead of "authorized representative established in the Republic of

- Macedonia",
- "EC-declaration of conformity" instead of "declaration of conformity",
  - "EC type-examination" instead of "type-examination",
  - "EC type-examination certificate" instead of "type-examination certificate",
  - "CE-marking" instead of "conformity marking".

The provisions from this Rulebook which refer to CE-marking, and after the designation (notification) of a body from Republic of Macedonia in the European Commission, for the purposes of this Rulebook, the following terms shall apply:

- "CE-marking" instead of "conformity marking",
- "notified body" instead of "authorized body",
- "identification number of the notified body" instead of "identification number of the authorized body". Identification number of the notified body is the number granted by the European Commission.

#### Article 60

This Rulebook shall enter into force on the 8<sup>th</sup> day following its publication in the "Official Gazette of the Republic of Macedonia".

Number 25-614/1  
22<sup>nd</sup> January 2007  
Skopje

Minister,  
**Vera Rafajlovska, signed**



## APPENDIX 1

### 'CE' CONFORMITY MARKING

The conformity marking shall consist of the initials 'CE' taking the following form:

