BLUE ANGEL

The Environmental Label

Low-Emission Upholstered Furniture

DE-UZ 117

Basic Award Criteria

Edition September 2009

Version 1

The Environmental Label is supported by the following four institutions:

Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

The Federal Ministry for the Environment, Nature Conservation and Nuclear Safety is the owner of the label. It regularly provides information on the decisions taken by the Environmental Label Jury.

Umwelt Bundesamt

The German Environmental Agency with its specialist department for "Ecodesign, Eco-Labelling and Environmentally friendly Procurement" acts as office of the Environmental Label Jury and develops the technical criteria of the Basic Criteria for Award of the Blue Angel.

Jury Umweltzeichen

The Environmental Label Jury is the independent, decision-making body for the Blue Angel and includes representatives from environmental and consumer associations, trade unions, industry, the trade, crafts, local authorities, academia, the media, churches, young people and the German federal states.

RAL gGmbH

The RAL gGmbH is the awarding body for the Environmental Label. It organises the process for developing the relevant award criteria in independent expert hearings – which involve all relevant interest groups.

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Prolongation without any change for 2 years, until 31.12.2017

Table of Contents

1 Preface

1.1 The Environmental Label Jury has set up these Basic Criteria for Award of the Blue Angel Eco-Label in co-operation with the Federal Minister for the Environment, Nature Conservation and Nuclear Safety, the German Umweltbundesamt (Federal Environmental Agency) and considering the results of expert hearings conducted by RAL gGmbH. RAL gGmbH has been tasked with awarding the Environmental Label.

Upon application to RAL gGmbH and on the basis of a Contract on the Use of the Environmental Label to be concluded with RAL gGmbH the permission to use the Blue Angel eco-label may be granted for all products, provided that they meet the requirements specified hereinafter.

1.2 The combined production of electricity and heat (cogeneration) makes combined heat and power (CHP) or cogeneration plants an efficient means of energy conversion. Thus, they significantly contribute to reducing primary energy consumption and CO_2 emissions. They also help develop decentralised energy supply. The feed-in compensation under the KWK-Gesetz (Combined Heat and Power Act) and the reimbursement of avoided grid usage charges support an economic operation.

1.3 The Blue Angel eco-label may be awarded to small CHP plants as specified under “Scope” which make a rational use of the fuel used and emit far less nitrogen oxides and carbon monoxides than conventional combined heat and power plants. Appropriate product documents enable the expert to adjust the CHP plant acoustically to meet the required noise limits at the site of operation.

1.4 Future revisions of these Basic Criteria are likely to also include requirements for emissions of methane and formaldehyde. That is why manufacturers and suppliers of CHP plants are recommended to address these emissions already today and develop efficient means for their reduction. Moreover, it will have to be checked whether the possibility to use a non-proprietary or existing exhaust system will be made a requirement for award of the Blue Angel.

1.5 The operation of a CHP plant causes both airborne and structure-borne noise. The noise emissions caused by the operation may be a noise nuisance to the operator as well as, and in particular, to the neighbourhood. During installation and initial operation the CHP plant will have to be acoustically adjusted to meet legal and normative requirements for protection from noise nuisance. It was decided in the best interest of all groups consulted that a Blue Angel eco-labelled product must meet uniform informal standards that make it easier for the expert to perform such acoustic optimization.

1.6 The European Commission is developing new regulations regarding the eco-design and energy labelling of boilers. They will set binding testing and measurement requirements to be met by the manufacturers. The scope of these EU regulations will also include CHP plants. A European standard is expected to be developed for the testing of CHP plants which is currently being debated and the scope of which will

cover all gas-fired CHP plants (including alternative modes of drive).
These present Basic Criteria take these developments into account with adequate transitional rules. Following the adoption of these EU regulations they will be correspondingly adapted in order to reduce the additional inspection effort on the side of the manufacturers.

2 Scope

2.1 These Basic Criteria apply to all CHP or cogeneration systems and units with an electric output of up to and including 50 kW_{el} for the use of natural or liquefied gas.

2.2 In accordance with prEN 50465 the term “CHP unit” hereinafter only refers to the CHP component of a plant while the term “CHP system” also covers the combination of a CHP unit and a supplementary heater and a buffer storage tank.

2.3 The scope of these Basic Criteria includes not only motor-driven CHP units/systems but also alternative drive concepts (e.g. Stirling engines, gas turbines, steam engines, ORC power plants, fuel cells as well as their combinations with integrated supplementary heaters, if any).

3 Requirements

The above-shown Blue Angel eco-label may be awarded to the following Small Combined Heat and Power (CHP) Plants as specified under Scope, provided they meet the following requirements:

3.1 General Requirements

A prerequisite for award of the Blue Angel eco-label to products under Scope shall be proof of regulatory compliance and the right to use the CE Mark.

Compliance Verification:

The applicant shall declare compliance with the requirements. The test report prepared by the testing laboratory pursuant to para. 4.1 shall give the product ID Number.

3.2 Rational Energy Use

Primary energy savings (PES) of the CHP unit under nominal load conditions compared to the separate production of heat and electricity according to Directive 2004/08/EC shall meet the following requirement as a function of nominal electrical output (P_{el}):

P_{el}	PES
< 10 kW	≥ 15 %
≥ 10 kW	≥ 20 %

Compliance Verification:

a) *The primary energy savings (PES) compared to the separate production of heat and electricity shall be calculated in accordance with CHP Directive 2004/08/EC, Annex III, in combination with the latest Commission Implementing Decision establishing harmonised efficiency reference values (presently: Implementing Decision 2011/877/EU). The calculation shall be based on an average annual ambient temperature of 10°C, i.e. the published efficiency reference values shall be raised by 0.5 %-points. Moreover, for the purpose of simplification, one starts out from a complete power feed into the 0.4 kV grid, i.e. the temperature-corrected efficiency reference values for the separate generation of electricity shall be multiplied by the factor of 0.945.*

b) *The thermal and electrical efficiencies of the plant shall be determined in accordance with prEN 50465[1] or DIN 6280-14. The electrical efficiency shall be determined as net efficiency of the CHP unit, i.e. the calculation shall be based on the produced electrical output at the point of transfer to the grid from which auxiliary energy demand for CHP unit control has already been deducted.*

c) *The calculation shall not take into account any factors depending on the field of application and the site-dependent operation of the plants (e.g. efficiency of an existing supplementary heater, buffer storage tank or hot water production). The same applies to the power consumption of the circulation pump that may be subtracted out, where applicable.*

d) *As regards CHP systems, compliance can also be verified on the basis of the electrical and thermal efficiencies for heating purposes determined according to DIN 4709 and non-weighted in terms of primary energy.[2] Notwithstanding DIN 4709, the power consumption of a storage charge pump must not be subtracted out.*

e) *The necessary measurements shall be made and documented by a testing laboratory according to para. 4.1.*

[1] The Basic Criteria refer to the draft product standard prEN 50465:2011 and its follow-up documents.

[2] Especially in the case of CHP systems with peak load unit, the results under DIN 4709 may be less satisfactory than when only considering the CHP unit according to prEN 50465. Hence, it may be assumed that systems meeting the PES requirements under DIN 4709 will also meet the requirements under prEN 50465.

3.3 Emission Requirements

The emission limits hereunder – based on dry exhaust gas at standard conditions (273.15 K, 101.3 kPa) - shall be met at full load (100 % cogeneration without or with a supplementary heater, if any) in accordance with TA Luft (Technical Instructions on Air Quality Control) by three single measurements. The measuring unit mg/m_N^3 is to be understood as mg of pollutant per standard cubic meter of exhaust gas. Testing shall be done using the measuring methods under paragraph 4.

3.3.1 Nitrogen Oxides (NO_x)

The nitrogen monoxide and nitrogen dioxide contents in the exhaust gas expressed as nitrogen dioxide shall not exceed the limits given in Table 1.

3.3.2 Carbon Monoxide (CO)

The carbon monoxide content in the exhaust gas shall not exceed the limits given in Table 1.

Table 1: Emission Requirements to be met at Full Load

Combustion Concept	**NO_x**	**CO**	**Reference O2 Content**	
Internal Combustion	125 mg/m_N^3	150 mg/m_N^3	5 %	
External Combustion	40 mg/kWh	20 mg/kWh	0 %	
Note: The mg/kWh unit refers to kWh of fuel energy.				

Compliance Verification:

a) *The pollutant emissions shall be measured at stationary full-load conditions both with a 100 % supplementary heater (if any) and without supplementary heater and documented in mg/m_N^3 as well as in mg/kWh of fuel energy. The independent testing laboratory shall confirm compliance with the above limits at full load (with and without supplementary heater).*

b) *The NO_x and CO measurements shall be based on the methods of the state-of-art in measurement in terms of Annex 6 to TA Luft (Technical Instructions on Air Quality Control)[3] or, in the case of external combustion systems, on those specified in DIN EN 267.*

c) ***Please note:** Following the entering into force of the EU regulations on eco-design and energy labelling the NO_x emissions can also be determined on the basis of measurements according to prEN 50465 without, however, taking into account the NOx credits for avoided power plant emissions provided under prEN 50465.*

[3] At the time of adopting these Basic Criteria these are VDI 2456 and DIN EN 14792 with respect to NO_x, as well as VDI 2459-1 and DIN EN 15058 with respect to CO.

3.4 Heating Circulation Pump

If the plant is marketed with an integrated circulation pump such pump shall be a highly efficient speed-controlled circulation pump. The efficiency of the pump shall meet an energy efficiency index (EEI) of ≤ 0.27 according to EU Regulation 2009/641/EC. This requirement shall not apply to storage charge pumps.

Compliance Verification:

If the plant comes with an integrated heating circulation pump the energy efficiency index (EEI) of this component according to EU Regulation 2009/641/EC shall be separately specified in the testing report and established by measurement or a manufacturer's certificate.

3.5 Noise Emissions

3.5.1 The product shall be accompanied by a sound measurement report. This report shall list the following essential A-weighted sound power level parameters:

a) Module sound power level
b) Sound power level of the outlet of the exhaust gas duct
c) Sound power level of the outlet of exhaust air duct
d) Particle velocity level normal to the surface (structure-borne noise, e.g. in the floor, emanating from the bottom of the system)

of the plant frequency-specific in one-third octave bands with mid-band frequencies from 25 Hz to 5 kHz (particle velocity level 25 Hz to 1 kHz). The CHP plant shall be operated at nominal load for determining these parameters.

3.5.2 Moreover, the product documentation of the CHP plant shall inform about system-specific noise protection measures. Included in particular shall be measures for reducing transmission of structure-borne noise and low-frequency noise.

Compliance Verification:

The applicant shall verify compliance with the requirements by submitting the form of Annex 2 to the Basic Criteria completed and confirmed on the basis of the sound measurement report. The sound power level shall be determined in accordance with the ambient conditions for the engineering methods of the ISO 3740 series. The pages of the product documentation including system-specific noise protection measures according to Appendix 2 shall be attached to the application both in written and digital[4] form. A first-time application for award of the Blue Angel shall be accompanied by a copy of the testing laboratory's proof of accreditation for measurements of this kind, e.g. designation certificate as a Group I measuring body for the Q and R fields under

[4] The digital version is to be submitted as a PDF file on a CD-ROM.

Section §26 BImSchG (Federal Immission Control Act), accreditation certificate according to ISO/IEC 17025 or the like.

3.6 Setting Instructions (Manual or Training Material for the Qualified Technician)

3.6.1 The **Setting Instructions/Training Material** shall include precise and definite information for proper setting of the system by the specialist.

3.6.2 The front page shall be clearly marked "*For the Qualified Technician".*

3.6.3 Setting according to the Setting Instructions must permit efficient and low-emission operation of the plant.

3.6.4 The Setting Instructions shall include instructions for adapting the system to the exhaust gas unit as well as recommendations for avoiding structure-borne noise.

3.6.5 The manual for the qualified technician shall include a chapter listed in the table of contents on the requirements for the heating water. Said chapter shall include the following statements or words to that effect:

a) „The use of this system may possibly require a treatment of the heating water."

b) „The decision as to whether a treatment is necessary will be made by the qualified technician in accordance with the Fachinformation „Steinbildung" (Technical Information "Scale Formation") by BDH/ZVSHK (Federal Industrial Association of German House, Energy and Environmental Technology/Central Association for Sanitation, Heating and Air-Conditioning)"

c) The said chapter shall also provide specific information on the type of water treatment, where required.

3.6.6 If the plant comes with an integrated heating circulation pump the Installation and Setting Instructions shall include information on the basic setting and the mode of functioning of the pump to achieve an energy saving operation.

3.6.7 If the plant does <u>not</u> come with an integrated heating circulation pump the Setting Instructions shall include a note stating that the external circulation pump to be installed shall be highly-efficient and speed-controlled (EEI ≤ 0.27 according to EU Regulation 2009/641/EC), or that an existing circulation pump should be replaced correspondingly.

3.6.8 The Setting Instructions shall include a note recommending a hydraulic balancing of the heating system to achieve a highly energy efficient operation.

3.6.9 The Setting Instructions shall include information on the use and dimensioning of a buffer storage tank, unless the latter forms part of the plant.

3.6.10 Copies of the corresponding training material for initial operation may be provided as an alternative to the Setting Instructions.

Compliance Verification:

The applicant shall present the Setting Instructions or training material both in printed and digital[5] form and give in Annex 3 to these Basic Criteria the page numbers where the required information can be found.

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3.7 User Manual

3.7.1 The **User Manual** shall include information on the handling and maintenance of the possibly existing neutralisation unit as well as on the disposal of the material used therein. It is recommended to take note of DIN EN 62079 „Preparation of instructions - Structuring, content and presentation".

3.7.2 The front page shall be clearly marked *"For the User".*

3.7.3 The user shall be explicitly instructed to ask the qualified technician whether or not a tap water refill will be permissible.

a) Should the manual for the qualified technician set requirements for feed or backfeed water (e.g. documentation of the feed water quantity, softening) this shall be explicitly noted. If, with respect to these requirements, reference is made to a directive the User Manual shall include the complete contents of the directive. Alternatively, the User Manual may include a clear notice that filling and/or refilling shall only be done by the specialised company/qualified technician.

b) The User Manual shall explicitly name the possible consequences of non-complying with this notice (e.g. significantly reduced service life).

3.7.4 The User Manual shall inform about the need for regular inspection and maintenance of plant and catalyst.

3.7.5 The User Manual shall include instructions for proper disposal of the plant.

3.7.6 The requirements set forth in paragraphs 3.6.6 to 3.6.9 of these Basic Criteria shall apply mutatis mutandis to the User Manual.

Compliance Verification (with respect to paras. 3.7.1 to 3.7.6):

The applicant shall present the User Manual both in printed and digital[6] form and give in Annex 3 to these Basic Criteria the page numbers where the required information can be found.

3.7.7 The requirements set forth in paragraphs 3.7.4 and 3.7.5 shall not apply to CHP units or systems that do not become customer's property but form the subject-matter of a heat delivery contract between applicant and customer.

Compliance Verification (with respect to para. 3.7.7):

[5] The digital version is to be submitted as a PDF file on a CD-ROM.
[6] The digital version is to be submitted as a PDF file on a CD-ROM.

The applicant shall declare that the CHP systems or units forming the subject-matter of an application for award of the Blue Angel eco-label will - within the scope of heat delivery contracts with customers - remain in the applicant's exclusive property.

3.8 Eco Product Design

3.8.1 The following principles of "designing recyclable technical products" shall be observed and declared in writing, unless there are valid technical reasons for not doing so:

a) Avoidance of non-detachable connections between different materials
b) Avoidance of composite materials
c) Easy detachability of modules, also to allow for easy repair
d) Reduction of the number of materials

3.8.2 In addition, the manufacturer shall declare, in writing, compliance with the following requirements when applying for the Blue Angel eco-label:

a) Plastic product components weighing more than 50 grams must be marked with a symbol or abbreviated term according to DIN EN ISO 1043-1 or DIN ISO 1629 (rubber and latices) or DIN ISO 2076 (Textiles - Man-made fibres - Generic names).
b) Neither cadmium, lead, mercury, chromium (VI), nor the flame retardants polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE), as listed in Article 4 of Directive 2011/65/EU of the European Parliament and of the Council may be used in the plant. Here, the tolerances specified in Annex II to said Directive 2011/65/EU shall apply.

Compliance Verification:

The manufacturer shall declare compliance with the requirement in writing.

4 Testing

4.1 Testing Laboratories

Testing shall be conducted by an independent testing laboratory accredited under DIN EN ISO/IEC 17025 for the testing field „gas appliances" within the scope of Directive 2009/142/EC as well as under Directive 92/42/EEC. The measurements can also be made by university institutes with specific expertise in the area of combustion technology/small CHP plants, provided that they are equipped with the corresponding test benches and analysis equipment.

4.2 Test Method

Measurements shall always be made at full load. Emission measurements pursuant to para. 3.3 shall additionally be made at partial load (lowest possible output). If the CHP unit is designed for only one electrical output the measurement need only be made at this output value.

4.3 Test Gas

G 20 (methane) as defined in DIN EN 437 shall be used as test gas for the analysis of rational energy use. Alternatively, testing may also be done using natural or liquefied gas, provided that the calorific value of the fuel is determined. The test report shall give both the measured nitrogen oxide emissions and the values converted to the standard reference condition (273,15 K; 101,3 kPa) after subtracting the water vapour humidity content.

4.4 Calibration Gases and Test Equipment

Certified calibration gases shall be used for calibrating the test equipment. The certificates are to be attached to the test documents. Calibration gas generators must not be used.

Measuring instruments according to DIN EN 267 shall be used on external combustion engines. Notwithstanding this standard, NO_x shall be measured using test equipment utilizing the principle of chemiluminescence. Notwithstanding DIN EN 267, CO shall be measured using infrared spectroscopy equipment. Other test equipment that can be calibrated using calibration gases with a maximum measurement error of ± 5 % in the range of the limits may also be used. If such equipment is used, test equipment and measurement errors shall be accurately documented.

5 Applicants and Parties Involved

5.1 Distributors of products under para. 2 shall be eligible for application.

5.2 Parties involved in the award process are

- RAL gGmbH to award the Blue Angel eco-label,
- the federal state being home to applicant's production site,
- Umweltbundesamt (Federal Environmental Agency) which after the signing of the contract receives all data and documents submitted in application for the Blue Angel in order to be able to further develop the Basic Award Criteria.

6 Use of the Blue Angel Environmental Label

6.1 The terms governing the use of the Environmental Label by the applicant are stipulated by a Contract on the Use of the Environmental Label to be concluded with RAL gGmbH.

6.2 Within the scope of such contract the applicant undertakes to comply with the requirements under paragraph 3 while using the environmental label.

6.3 Contracts on the Use of the Environmental Label are concluded to fix the terms for the certification of products under paragraph 2. Such contracts shall run until December 31, 2017.

They shall be extended by periods of one year each, unless terminated in writing by March 31, 2017 or March 31 of the respective year of extension.

After the expiry of the contract the Environmental Label may neither be used for labelling nor for advertising purposes. This regulation shall not affect products being still in the market.

6.4 The Contract on the Use of the Environmental Label shall specify:

6.4.1 Applicant (Distributor)

6.4.2 Brand / trade name, type designation, range of nominal heat output in kW.

Appendix 1 to the Basic Criteria RAL-UZ 108: Annexes to be attached to the Application

The following Annexes to be attached to the application are provided as separate forms to be completed:

1. Annex 1: Test Results regarding Primary Energy Savings (PES) and Emissions
2. Annex 2: Results of the Sound Measurement Report
3. Annex 3: Manufacturer's Declarations

These Annexes are to be completed by the respective testing laboratory (or Annex 3 by the manufacturer) and attached to the application in addition to the detailed protocols and other compliance verifications.

Appendix 2 to the Basic Criteria RAL-UZ 108: Information on the design of product documentation for system-specific noise protection measures

The following basic information on sound technology should be provided by way of introduction.

Definitions:

- What is sound, noise, sound pressure, sound power and associated levels, one-third octave band analysis, low-frequency sounds etc.?
- Distinction between rooms in need of protection and those not in need in protection

Sound Transmission

- Development and transmission of structure-borne noise, ways of transmission
- Development and diffusion of primary and secondary airborne sound
- Reference to a gas-fired CHP plant

Legal and normative requirements

- Permissible noise immissions in the neighbourhood (TA Lärm) (Technical Instructions on Noise Abatement)
- Determination of tonal components of noise (DIN 45681)
- Assessment of low-frequency noise immissions in indoor environments (DIN 45680)
- Admissible sound-pressure levels in rooms in need of protection (DIN 4109)
- Requirements for enhanced sound protection in buildings (VDI 4100)

The following system-specific measures shall be included.

General protection from unwanted noise

- Structural noise mitigation measures (proper choice of the installation room, dimensioning of the installation room for additional noise abatement measures, etc.)
- Primary and secondary noise abatement
- Highlighting the problems of low-frequency sounds caused by CHP plants

Specific noise protection measures for the corresponding gas-fired CHP plants

- Comprehensible instructions for heating engineers (principle: keep it simple)
- Measures to mitigate the sound power of the module in order to comply with the legal requirements (and normative requirements possibly desired by the operator) applicable at the site of operation
- Adequate measures to mitigate exhaust gas noise and air duct noise
- Measures for the acoustic decoupling of the structure-borne noise of module, pipes, other components of the heating plant to minimize low-frequency secondary noise
- Reference to sound abatement measures and products made available by the manufacturer, if applicable
- Information on the possible requirement for an independent sound measurement report

– Instructions for sound experts for acoustic optimization on the basis of the indicated sound parameters of the system

CONTRACT

No.
On the Award of the Blue Angel Environmental Label

RAL gGmbH RAL gGmbH as the label-awarding agency and the firm of
(Distributor)

as applicant conclude the following
Contract on the Use of the Environmental Label:

S P E C I M E N

1. The applicant shall - under the following conditions - be entitled to use the Environmental Label forming the basis of this Contract for the labelling of the product / product group / project:
   "Small Combined Heat and Power (CHP) Plants or Cogeneration Plants" for

   "(Brand/Trade name)"

   This shall not include the right to use the Environmental Label as part of a brand. Unless otherwise agreed, the Environmental Label shall only be used in the above given shape and colour and shall be marked at the bottom "Jury Umweltzeichen" (Environmental Label Jury). The entire inner surrounding text shall always be identical as regards font size, form, thickness and colour and it shall be easy to read.
2. The Environmental Label according to para. 1 may only be used for the above-mentioned product / product group / project.
3. If the Environmental Label is used for advertising purposes or other applicant activities the applicant shall make sure that it is exclusively used in connection with the above-named product / product group / project for which the use of the Environmental Label has been granted and settled under this contract. The applicant shall be solely responsible for the way the label is used, above all, in advertising.
4. During the entire period of label use the product / product group / project to be labelled shall comply with all requirements and conditions for the use of the label as specified in the "Grundlage für Umweltzeichen-Vergabe RAL-UZ **108**" (Basic Criteria for Award of the Environmental Label RAL-UZ **108**), as amended. This shall also apply to the reproduction of the Environmental Label (including surrounding text). Claims for damages against RAL gGmbH, especially on the grounds of third party objections to applicant's use of the label and the accompanying advertising shall be ruled out.
5. If the "Basic Criteria for Award of the Environmental Label" provide for checks by third parties the applicant shall bear the costs accruing in connection therewith.
6. Should the applicant himself or third parties find out that the applicant does not comply with the conditions as stipulated in paras. 2-5 the applicant shall be liable to inform RAL gGmbH and stop the use of the Environmental Label until the conditions are complied with again. Should the applicant be incapable of restoring the state required for the use of the label immediately or should the applicant seriously offend against this contract RAL gGmbH may, if necessary, withdraw the Environmental Label and prohibit the applicant from using the label any longer. Claims for damages against RAL gGmbH because of the withdrawal of the label shall be ruled out.
7. The Contract on the Use of the Environmental Label may be terminated for good reason.
   Examples of good reasons are:
   - unpaid contributions
   - substantiated risk of injury and death.
   In such case, applicant's continued use of the Environmental Label shall be prohibited. The applicant shall not be entitled to bring a claim for damages against RAL gGmbH (see above: paragraph 6, sentence 3).
8. The applicant undertakes to pay RAL gGmbH an amount according to the "Entgeltordnung für das Umweltzeichen" (Schedule of Fees for the Environmental Label), as amended, for the period of use.
9. According to the Basic Criteria for Award of the Environmental Label RAL-UZ **108** this contract will run until **December 31, 2017**. It shall be extended by periods of one year each, unless terminated in writing by **March 31, 2017** or by March 31 of the respective year of extension. After the expiry of the contract the Environmental Label may neither be used for labelling nor for advertising purposes. This regulation shall not affect the products being still in the market.
10. Blue Angel eco-labelled products/projects and the advertising for these products/projects may reach the consumer only when naming the company of the **(Applicant/Distributor)**.

Sankt Augustin, this …….. day of ……20..

Place, Date

RAL gGmbH
Management

(Signature of authorised person
and company stamp)