Rules

eu.bac
Certification Scheme
for
Home and Building Automation Products and Systems

Part 1: General Rules

Approved by eu.bac Technical Panel on 24 September 2015

Contents

1 General Rules

1.1 Foreword

Various EU-Directives and National regulations regarding energy saving and energy performance of buildings require proof of the energy efficiency. Home and building automation systems have a significant influence on the overall energy efficiency of buildings and therefore this certification scheme has been devised in respect of the legal requirements.

eu.bac Certificate does not cover any necessary safety requirements.

The certification system will assure the user of a high level of performance of the products and systems, as defined in the EU-Directives and relevant EN standards. The registered eu.bac mark is a symbol that expresses conformity with EU-Directives, and quality EN standards and to eu.bac Specific Rules, performance efficiency, trust and market transparency.

Certification is performed in accordance with the Rules of the eu.bac Mark Scheme for products and systems for home and building automation, which includes the conformity testing of the products, checking of the licensee and manufacturer's Quality Management System (QMS), inspection of relevant production line and market surveillance.

The certification procedure requires periodic tests of the products and systems and inspection by third parties.

1.2 Introduction

These Rules specify the relationship between eu.bac, the Certification Bodies, the Test Houses, Inspection Bodies, Applicants and eu.bac signed Licensees.

This Part 1 “General Rules“ includes the general requirements on certification of products and systems for home and building automation.

The Part 2 “Specific Rules“ includes the special requirements for testing, surveillance and inspection, etc. of a product, product range of home and building automation system.

The General Rules and Specific Rules of this Mark Scheme define how to obtain and maintain certification, the application of the system and the details of the procedures.

The eu.bac Certification Scheme is created under the responsibility of the eu.bac Board. The eu.bac Technical Panel monitors the implementation and the use in the market. All changes in the General Rules and Specific Rules need the acceptance of the Technical Panel.

1.3 Scope

The scope of the eu.bac Certification Scheme shall apply to products of Home and Building Automation and Control (BAC) e.g. heating controllers, individual single room controllers and room automation systems,.

BAC is the description of products, software, and engineering services for automatic controls, monitoring and optimisation, human intervention, and management to achieve energy – efficient, economical and safe operation of building services equipment.

1.4 Definitions

Applicant - is a person or body (company, manufacturer) who seeks to obtain a Licence to apply the use of the eu.bac Mark from eu.bac.

Certificate – Document formally attesting compliance of the product with stated requirements.

Certification Body - is a certification body authorised by eu.bac to issue eu.bac Certificates.

Certification Committee – is a committee involving all interested parties with a balance of interest.
This advisory Committee may be consulted for interpretation of the Rules.

Inspection Body - is a body authorised by eu.bac and the Certification Bodies to perform production locations inspection.

Inspectors Working Committee – is a committee involving all Inspection Bodies. One of them takes the Chair.

Licence - Document grants the right to use the eu.bac Mark, issued under the Rules of this Certification Scheme.

Test Report Summary – Part of each license. This Summary shows the essential information about the tested product. The summary is linked with the license number and is given for each application shown on the license.

Licensee - is a person or body (company, manufacturer) to which eu.bac has granted a Licence.

Monitoring Committee – Members of all Certification Bodies and a representative of eu.bac management should be in the Monitoring Committee. A representative appointed by Technical Panel takes the Chair. The Committee gets the right of recognition the Test Houses in accordance to eu.bac General Rules.

Test House - is a laboratory authorised by eu.bac and the Certification Bodies to perform the tests according to the Specific Rules.

Base product is a product which functionality is defined by the licensee and shall be tested completely in accordance with the relevant eu.bac Specific Rules. This applies for Fixed-Function Controllers and Configurable or Programmable controllers.

Derived product is a product based on an already certified Base Product and, with agreement of the test house, has only:

- Minor Technical Changes to the tested Base Product. Minor changes mean no changes which could influence the test results which were carried out for the certification

- Commercial Changes – Brand Name, Product Name, Model Number etc

Modifications of an already certified Product are changes which request the modification of an existing Certificate / Licence (e.g. extension of the scope (additional application(s), modification of the product, or the changes of production plant).

Testing without Certification (Pre-Testing)
A test used for the development of products.

Test House Committee – Members of all Test Houses, Certification Bodies should be in the Test House Committee. A representative of eu.bac management should also be in the Test House Committee. A representative appointed by WG1 takes the Chair.

1.5 eu.bac Mark

1.5.1 General

The design of the eu.bac Mark has been defined in **Annex A** and is to be visible on the product or system (see item 1.5.7).

The list of the authorised Test Houses, Inspection and Certification Bodies will be administered by eu.bac and published on the eu.bac website (www.eubaccert.eu).

1.5.2 Ownership of eu.bac Mark

The owner of the eu.bac Certification Mark (eu.bac CERT) is the European Building Automation and Controls Association - eu.bac. The eu.bac Mark is registered and legally protected. The Mark is registered internationally and in individual countries where such registration is necessary to assure its protection.

1.5.3 eu.bac Mark Licence

After satisfactory completion of all eu.bac requirements a eu.bac Licence is granted to the Licensee to use the eu.bac Mark.

1.5.4 Period of validity

eu.bac Mark Licences granted by eu.bac are valid in general for a 6 year period from the date they are issued or until formally cancelled by eu.bac. A prolongation of the license after this period is possible. A retesting has to be done in all cases.

The expiries (end of validity, follow up tests, reissue of certificate/license, etc) of a derived product are connected to the related base product. If the certificate/license of the Base Product is valid, the derived product certificate/license issues are valid too.

The expiries (end of validity, follow up tests, reissue of certificate/license, etc) of a modified base/derived product are same like the original base product.

1.5.5 Protection of the eu.bac Mark

Use of the eu.bac Mark shall only be authorised subject to the conditions provided in the current Rules of the eu.bac Certification Program, which the Licensee is bound by contract to observe.

Only those licensees having obtained eu.bac Licence to affix the Mark by means of the procedures laid down in the current Rules shall be entitled to use the eu.bac Mark.

1.5.6 Administration of the eu.bac Mark

It is the responsibility of the eu.bac Certification Committee to ensure that the eu.bac Mark Scheme complies with the following principles with regard to the administration of the Mark.

All eu.bac authorised bodies taking part in the eu.bac Mark Scheme are committed to comply with the related Rules, and to operate in accordance with the relevant provisions of EN ISO/IEC 17065series standards.

- Each body taking part in this eu.bac Mark Scheme maintains confidentiality in accordance with the relevant provisions of EN ISO/IEC 17065 ,
- The administration of this eu.bac Mark Scheme ensures the observance of these Rules and the confidentiality in accordance with EN ISO/IEC 17065 .

1.5.7 Marking and identification

The use of the Mark and the license number in the product documentation is mandatory and the certified application shall be clearly identified on the product description.

The eu.bac Certification Mark can be split to the license number when it is clear shown which product is licensed.

It is on the decision of the manufacturer to put the Mark/License number on the product itself, on the product's package, the label attached and the instructions for use.

1.6 Requirements for the manufacturers

1.6.1 Quality Management System (QMS)

The manufacturer shall operate a QMS covering the relevant production line(s) of the product for which the Licence to use the Mark is granted. This QMS shall be based on quality standards which are at the level of the relevant requirements of the EN-ISO 9001.

To issue the Certificate, the Certification Body has to acknowledge existing certificates of the QMS granted by another authorised body that is accredited by an EA signatory/member.

The specific requirements of the QMS and the duration of the transition period are specified in the Specific Rules. The manufacturer shall allow a representative of the Inspection Body to which he has applied to inspect the place of manufacture. Furthermore, the manufacturer shall possess the test equipment and shall carry out the routine tests on the equipment for which the Licence to use the Mark is granted..

1.6.2 Quality Plan

The licensee shall apply a Quality Plan covering test equipment to ensure conformity of products with the relevant EN standard and the eu.bac Specific Rules for which the Licence to use the Mark is granted.

The specific requirements of the Quality Plan according to the relevant EN standard are specified in the Specific Rules.

1.7 Requirements for approval of third parties

1.7.1 General

Certification Bodies, Test Houses and Inspection Bodies shall provide access to eu.bac representatives for the purpose of establishing conformity to these Scheme Rules, monitoring the maintenance of integrity and technical competence and ensuring confidentiality.

1.7.2 Certification Body

eu.bac will empower the Certification Bodies that will act as authorised Bodies.

In order to operate as a Certification Body the following preconditions are required:

- The Certification Body shall operate in accordance with EN ISO/IEC 17065 and shall be accredited by a recognised member of the International Accreditation Forum (IAF) within the scope of the products covered by the eu.bac Scheme.
- The Certification Body shall have suitable and adequate guidelines and facilities to ensure all activities associated with the certification services can be performed.
- A list of products and systems certified under this eu.bac Mark Scheme shall be maintained and send to eu.bac office
- Regular participation in any appropriate programme of mutual exchanges of experiences that will be organised by the Certification Bodies.

1.7.3 Test Houses

1.7.3.1 Preconditions for approval

eu.bac and the Certification Bodies will authorise the Test Houses after approval of the following conditions. For the approval of Test Houses the following conditions are required:

- The Test House shall have all equipment according to the relevant Standard for correct performance of the tests and measurements within their specific scope. The Test House shall have an experienced technical manager and adequately trained staff members.
- Accreditation to EN ISO/IEC 17025 covering the relevant Standards. The national accreditation body must be evaluated by EA (European co-operation for Accreditation) and shall be a member of the Laboratory Accreditation Mutual Recognition Agreement.
- Regular participation in any appropriate programme of Inter Test Houses comparison testing (Round Robin Tests).
- The Certification Bodies will evaluate the suitability of the Test Houses. The Certification Bodies shall audit the Test House once; if it is deemed necessary further evaluation visits may be made.
  The audit report will be sent to eu.bac.

1.7.3.2 Inter Laboratory comparison tests

The Certification Bodies jointly organise one Inter Laboratory comparison test every second year. The Inter Laboratory comparison test samples shall be selected for each relevant standard. One product-sample is to be prepared on which the characteristics are not known.

The Certification Bodies shall determine the sequence and timing of the tests. It shall also monitor the whole procedure (see ISO/IEC guide 43).

The Test Houses shall forward their results to eu.bac by the required date where they shall remain unopened. After the due date they will be opened and a duplicate will be forwarded to the Chairman of the Monitoring Committee.

The results shall not deviate by more than indicated in the table of Repeatability in the Specific Rules. The Test houses and the Certification bodies shall be informed about the result.

1.7.4 Inspection Bodies

1.7.4.1 Preconditions for approval

eu.bac and the Certification Bodies will authorise the Inspection Bodies after approval of the following conditions. For the approval of Inspection Bodies, the following conditions are required to be met:

- The Inspection Body shall be evaluated by a National Accreditation Body who is a Member of EA (European co-operation for Accreditation)
- The Inspection Body shall have an experienced technical manager. The staff responsible for inspection shall have appropriate qualifications, training, experience and a satisfactory knowledge of the requirements of the inspection to be carried out within this scheme,
- The Inspection Body performing the Audits must participate in the Inspectors Working Committee.

1.7.4.2 Inspectors Working Committee

The Certification Bodies will set up an Inspectors Working Committee. The purpose of these meetings is to enable inspectors to exchange views and develop a common understanding and approach on a common basis.

In inspecting manufacturers there will be two aspects to the inspection:

A. Quality Management System covering relevant production lines and

B. Technical matters relating to the manufacture and testing of the relevant products and systems.

1.8 Testing without certification (Pre-Testing)

An applicant can apply for testing without certification (Pre-Testing) only via the CMS (www.eubaccert.eu). The test report is only for internal use. It is not allowed to the applicant to use the Test Report or part of it, in public or for commercial.
For each case of violation of this obligation, the applicant shall pay a penalty of EUR 25,000 which shall not be accounted to any damages suffered by eu.bac as a result of such violation.

The result of the pre-testing can be used for obtaining a certificate in accordance with the Test house as application via CMS for eu.bac Licence with an Existing Test Report

1.9 Obtaining the Certificate and the right of use of the eu.bac Mark (Licence)

1.9.1 Quotation

The Certification Body will, on request, provide details of time-scales and fees for obtaining maintaining and modifying a eu.bac Mark Licence for a specific product or system or a specific range of products conforming to a relevant standard.

1.9.2 Application

An Applicant, who wishes to obtain a eu.bac Mark Licence, submits an application via the Certification and Labelling System CLMS to eu.bac (www.eubaccert.eu). This application shall list the chosen Certification Body and Test House or the Result of a Pre-Test (see 1.8). These Certification Body and Test Houses shall be chosen amongst Bodies authorised by eu.bac. Any applicant authorise the chosen Test House and Certification Body to exchange any documents (test reports, etc.) required to issue the certificate. Every applicant agrees to fulfil the requirements of ISO 17065 §4.1.2.2. .

The application shall include an application form for granting eu.bac Mark, available from a Certification Body or the eu.bac website (www.eubaccert.eu).

Upon receipt of the application the Certification Body will examine, the form and if necessary obtain any additional information required in order to be able to process the application and acknowledge receipt of the completed application.

In the case of the rejection of the application, an appeal may be lodged with the Certification Body or, in the case of an interpretation of the principles of the Rules of the eu.bac Mark Scheme, the eu.bac Certification Committee.

The procedure of application with practical details for the relevant standards is described in the Specific Rules.

1.9.3 Initial granting of the Certificate and the Licence

When the Certification Body is satisfied, after successful completion of the Initial Type Testing and inspection, that all the requirements for obtaining the right to use the eu.bac Mark have been met, he will inform eu.bac with a unique certificate number. eu.bac will draw up a Licence and send it to the applicant.

One certificate is issued for each individual product that can have several applications and/or production's plant(s)).

The Licence and Test Report Summary shall be prepared according to the form shown in Annex B and Annex C and shall be signed by a responsible executive (Managing Director or Deputy) of eu.bac.

The Licence shall be serially numbered according to the supervised system defined by eu.bac.

The procedure can be simplified if the production of a new product occurs in a plant already covered with a Certificate/Licence. If the QMS and corresponding production lines have already been inspected, the inspection of the plant is not systematically performed to grant these new Certificate and Licence.

1.9.4 Derived Product Certification and License

A licensee wishing to get a Certificate / Licence for a derived Product should apply to the Certification Body that issued the Base Product Certificate using the application form within CMS.

The chosen test house has to check if there are:

- Minor Technical Changes to the tested Base Product. Minor changes mean no changes which could influence the test results, which were carried out for the certification

- Commercial Changes – Brand Name, Product Name, Model Number etc

The Test House send the report to the Certification Body.

The Certification Body will not require a further inspection to be performed (except in case of new production plant).

1.9.5 Modification of the Certificate / Licence

A licensee wishing to modify the Certificate / Licence should apply to the Certification Body that issued the original Certificate using the application form.

In case of an additional production plant, the Certification Body has to organise an inspection of the new site within three months.

If this modification is relevant to the same standard for which manufacturer already holds a eu.bac Mark Licence, the Certification Body will not normally require a further inspection to be performed (except in case of new production plant). However, the new products for which certification is new applied will required to be type tested or otherwise evaluated at the discretion of the Certification Body. If these tests are satisfied, the Certificate and Licence will be re-issued to include these modifications"

1.10 Initial tests and inspections

1.10.1 General

After confirmation of acceptance of the application, the Certification Body makes the necessary arrangements with the applicant for the type testing and inspections, in accordance with the Specific Rules.

The Test House Committee will assure all Test Houses use the same criteria's.

1.10.2 Initial Type Test (ITT)

Initial Type Test shall include complete testing in accordance with the corresponding Specific Rules.

If an Applicant has more than one factory for the same product, the ITT should be performed on samples manufactured in each factory.

The applicant shall be provided with a list of eu.bac authorised Test Houses. The applicant may choose **any of these eu.bac authorised Test Houses to perform the ITT.**

The number of test samples shall normally be stated within the Specific Rules for the product type. Where this is not specified it will be decided by the Certification Body in conjunction with the Test House. The samples shall be submitted free of charge by the applicant. Test samples for the ITT are to be selected and submitted by the Applicant.

In special cases the following alternatives can be applied for particular parts of ITT:

A) Testing in accordance with Manufacturers Test Houses (MTL) in accordance with IECEE Scheme Rules.

All Forms of MTL Manufacturers Test Houses Testing via:
TMP – Testing at Manufacturers premises
WMT – Witnessed Manufacturers Testing
SMT – Supervised Manufacturers Testing
RMT – Recognised Manufactures Testing

B) The provision of preliminary type test data

The Rules under which these alternatives are to be applied are set out in the Specific Rules.

1.10.3 Inspection

Inspection is:

A) The verification that the manufacturer's QMS, covering the relevant production line(s), for the production locations, are at the level of the relevant requirements of EN ISO 9001.

B) The verification of the quality procedures, including the test equipment, that ensures conformity of the products with the relevant standards.

The Certification Body shall examine the required documents submitted by the Applicant to ensure that they fulfil the specified requirements. When satisfied, the Certification Body shall arrange, for the Inspection Body, to make the inspection within a specified time.

The Inspection Body shall ensure that the initial inspection is performed in accordance with the requirements specified in the Specific Rules.

If an Applicant has more than one manufacturing plant for this product an audit will be performed in each location. Where considered necessary by the inspection body other audits may be performed at major sub-contractors.

The duration of an audit per factory is usually 1 day with ISO 9001 and can be extended to 1 ½ days without ISO 9001 certification of the factory.

1.10.4 Evaluation of Results and decisions

When the Certification Body is satisfied, he shall inform eu.bac and the applicant of the positive results of the ITT and inspection.

If some requirements for obtaining the Certificate and the eu.bac Licence are not satisfied, the Applicant should apply corrective actions within three months and inform the Certification Body. Any delay longer than three months will result in the review of the whole application. The Certification Body will review those parts of the ITT and inspection procedure that were not met and any others that are relevant to the previous failure.

If the Certification Body is not satisfied that all the requirements for obtaining a eu.bac Mark Licence have been met, the Applicant will be informed by the Certification Body, of the reason for the application not being acceptable.

1.11 Surveillance procedure

1.11.1 General

The Certification Body shall perform surveillance of the licensee and manufacturer (see Annex D - Timetable for Testing, Follow up tests, Inspection and Certification) to ensure continued compliance with all the specified requirements of this Certification Scheme.

The Certification Body may co-ordinate surveillance through other eu.bac authorised Certification Bodies or Inspection Bodies or recognised Test Houses in other countries where the products are marketed or manufactured.

The licensee and manufacturer agree to allow the Certification Body or their appointed agent reasonable access for the purpose of surveillance.

It is the responsibility of the Certification Body to inform eu.bac and the Licensee the results of compliance or non-compliance without delay. The Licensee will be informed about the reasons in case of non-compliance.

The surveillance system for this scheme requires the following elements:

1.11.2 Follow up inspections

Follow up inspections have the same requirements as the initial inspections.

Follow up inspection shall verify the use of the eu.bac Mark on the products, packaging, documentations, etc.

1.11.3 Follow up Tests

Follow up Tests shall be performed during the period of validity of the eu.bac Mark Licences in accordance with the specified requirements in the Specific Rules.

If a licensee has more than one factory for the same product, the Follow up Tests should be performed on samples manufactured in each factory.

1.12 Rights and responsibilities

On receiving the Licence, the Licensee is granted the right to use the eu.bac Mark for the products specified on the Licence.

The responsibility for the correct use eu.bac Mark Scheme lies with the Licensee.

The Licensee has the right to give information on the eu.bac Mark in its sales and advertising documents. In all cases, the Licensee shall take all necessary steps to ensure that no confusion can arise in these publications between certified and non-certified products.

1.12.1 Modification and enhancement of the products

The Licensee is obliged to inform the Certification Body and the Test House of modifications and enhancements made to the product or/and production process which may affect conformity with the relevant standard to the product.

The Test House has to decide if a product has to pass the base product test procedure or if only a reduced certification procedure without test is required. The Certification Body will then decide whether these modifications affect the Licence granted.

The Test House Committee will assure all Test Houses use the same criteria's.

1.13 Non-Compliance

1.13.1 General

The licensee of certified products shall take appropriate action in respect on non-compliance and any deficiencies found in products that affect compliance with the requirements for certification.

If the certificate/license of the base product is cancelled by the licensee the licences of all derived products are cancelled or a derived product shall be defined as a base product (cost of a modification). If the certificate/license of the base product is cancelled or suspended by the certification body and eu.bac (ex: non-compliance) the derived products certificates/licenses may also be cancelled or suspended where necessary.

If the certificate/license of a derived product is cancelled or suspended by the certification body and eu.bac (ex: non-compliance) the other derived products and the base product certificate/license may also be cancelled or suspended where necessary.

Any non-compliance on the part of the licensee in the application of rules for certification and the Rules for this eu.bac Mark Scheme may result in one of the following actions:

a) Corrective actions by the licensee within three months.

b) Suspension of the Licence to use the eu.bac Mark for a defined period.

c) Withdrawal of the Licence to use the eu.bac Mark.

The Certification Body shall ensure that complaints received about certified products are investigated as soon as possible and, where appropriate, advises the licensee of the results.

If the Certification Body investigations reveal non-compliance with the requirements of these Rules, the provisions of clause 1.13.2 - 1.13.4 shall apply. The cost of administration, inspection and testing shall be borne by the Licensee.

If the Certification Body investigation does not reveal non-compliance with the requirements of these Rules, the costs shall be borne by the complainant.

The Certification Body shall notify, by registered letter, the Licensee of any action arising from the investigation of non-compliance.

1.13.2 Corrective actions

If the results of surveillance show non-compliance with these Rules, the Certification Body shall require the licensee to take corrective actions within three months. Any necessary additional surveillance may be carried out at the expense of the Licensee.

If the compliance failure is due to inadequacies in the licensee or manufacturer's QMS at the end of the period for remedying the anomalies, an inspection will be performed at the end of the period for remedying the anomalies. If the failures are found to persist, the right of use of the eu.bac Mark will be suspended in accordance with clause 1.13.3 of the General Rules.

Details of actions in case of non–compliance are defined in the Specific Rules.

1.13.3 Suspension of the right of use

eu.bac shall suspend the right of using the eu.bac Mark following notification of the suspension of the Certificate by the Certification Body in the following cases:

a) the products or systems are not in conformity with the standard,

b) the clauses of the contract by which the Licensee has been granted the right of using the eu.bac Mark are not fulfilled by the Licensee,

c) if corrective actions have not been taken as referred to in 1.13.2,

d) at the request of the Licensee (for example: The manufacturing of the products concerned is temporarily halted. The conditions of the suspension are then agreed between the Licensee and eu.bac).

The Certification Body notifies the Licensee of the suspension, together with the following information:

a) Period of suspension,

b) The justification,

c) Practicalities of implementing the suspension according to the Specific Rules, in particular with respect to the products already on the market with the Mark (e.g. product recall, advising the purchaser, etc.),

d) Conditions to be fulfilled by the Licensee for the lifting of the suspension. These may include a successful inspection at the initiative of the Certification Body at the end of the suspension period.

After approval through a Certification Body when these conditions are fulfilled, eu.bac lifts the suspension. eu.bac notifies all Certification Bodies of the lifting of the suspension. The Certification Body notifies the Licensee of the lifting of the suspension.

1.13.4 Withdrawal of the right of use

eu.bac shall withdraw the right to use the eu.bac Mark, following notification of the withdrawal of the Certificate by the Certification Body, when actions described in clauses 1.12.2 and 1.13.3 have had no effect.

eu.bac notifies all Certification Bodies of the withdrawal. The Licensee may appeal against the decision, initially to the Certification Body, and subsequently to the eu.bac Certification Committee if unresolved.

1.13.5 Marketing of products carrying the Mark in case of suspension or withdrawal

In the case of a suspension or withdrawal of the right of using the Mark according to clause 1.13.3 and 1.13.4 of the General Rules, eu.bac shall require the licensee to remove the Mark from the affected products in the plant's storage and on the market.

If eu.bac decides that stocks of products with the Mark may be sold, this authorisation will always be limited to a period not exceeding three months. In these cases, the Certification Body reserves the right to exercise the necessary controls over the clearance operation.

1.14 Records

1.14.1 Licensees records

The Licensee shall keep records of all customer complaints relating to a product's compliance with requirements of the relevant Specific Rules and make these records available to the Inspection Body and Certification Body when requested.

The licensee or manufacturer shall maintain the records necessary to confirm that the QMS continually operates to the Rules of this eu.bac Mark Scheme and make these records available to the Inspection Body and Certification Body only when requested.

The licensee or manufacturer of certified products and systems shall maintain these records for a minimum of 6 years after the end of production.

1.14.2 Certification Body records

The Certification Body shall maintain the records as required by EN ISO/IEC 17065 for each licensee certified for the whole period of certification and for a minimum of 6 years after withdrawal of the Licence.

1.15 Appeal procedures

1.15.1 Appeal to the Certification Body

The licensee may lodge an appeal with the Certification Body to which he addressed an application for the certification for the use of the eu.bac Mark.

1.15.2 Appeal to the eu.bac Certification Committee

The licensee may lodge an appeal with the eu.bac Certification Committee in the following cases:

- as a last possibility in case of rejection of, or non-response to, the appeal lodged with the Certification Body,
- Directly if the request for appeal is based on interpretation of the principles underlying the Rules of the eu.bac Mark Scheme.

1.16 Fees

By applying for the Licence to use the eu.bac Mark, the licensee also agrees to meet the certification costs.

Details of the fees are fixed in the Admission + Certification/License fees issued by eu.bac for each of the Specific Rules.

1.17 Modification of the requirements and Rules

The Certification Body shall inform the licensee if arrangements are being made by eu.bac that will modify the requirements or Rules affecting the right of use of the eu.bac Mark.

Approved modifications to these Rules will be circulated by eu.bac to Certification Bodies and should be implemented within a period of six months from date of publication, unless otherwise notified.

The Certification Body shall advise the Licensee, by recorded mail, of all modifications with which it is necessary to comply. The Licensee shall state, within a period of three months, by recorded mail, the decision on whether or not to continue with the certification of products on the basis of the modified Rules.

The Certification Body shall make all necessary arrangements for the implementation of these modified Rules which may involve testing and inspection.

Under these provisions the Licensee shall be granted a reasonable period for applying the modified Rules. If this period is exceeded, the right of use may be suspended in accordance with the Rules stated in clause 1.12.3 or withdrawal stated in clause 1.13.4. If the Licensee does not wish to continue to exercise the right of use of the eu.bac Mark, eu.bac shall agree with the Licensee the date on which the right of use is to be cancelled. eu.bac shall cancel the eu.bac Mark Licence and notify all Certification Bodies under this eu.bac Mark Scheme. The relevant Certification Body shall cancel the Certificate.

1.18 Termination

The relationship between the Licensee and the eu.bac Scheme is terminated when:

a) all the rights of use concerned by the agreement have been cancelled and all the financial and other obligations of the licensee have been settled, or

b) the Licensee goes into bankruptcy, liquidation or ceases to manufacture the products covered by the right of use

In the event that a Certification Body ceases to operate in the field(s) covered by these Rules, eu.bac will give assurance to the licensee of this situation and provide the list of other Certification Bodies who may protect the interests of the Licensee.

In the event that eu.bac Technical Panel decides to close the operations of this eu.bac Mark Scheme, the decision will be formally notified by eu.bac in a recorded mail to the Licensee.

Termination of relations will be formally notified by eu.bac in a recorded mail to the Licensee.

Annex A - Design of the eu.bac Mark

The design of the eu.bac Certification label is shown below.

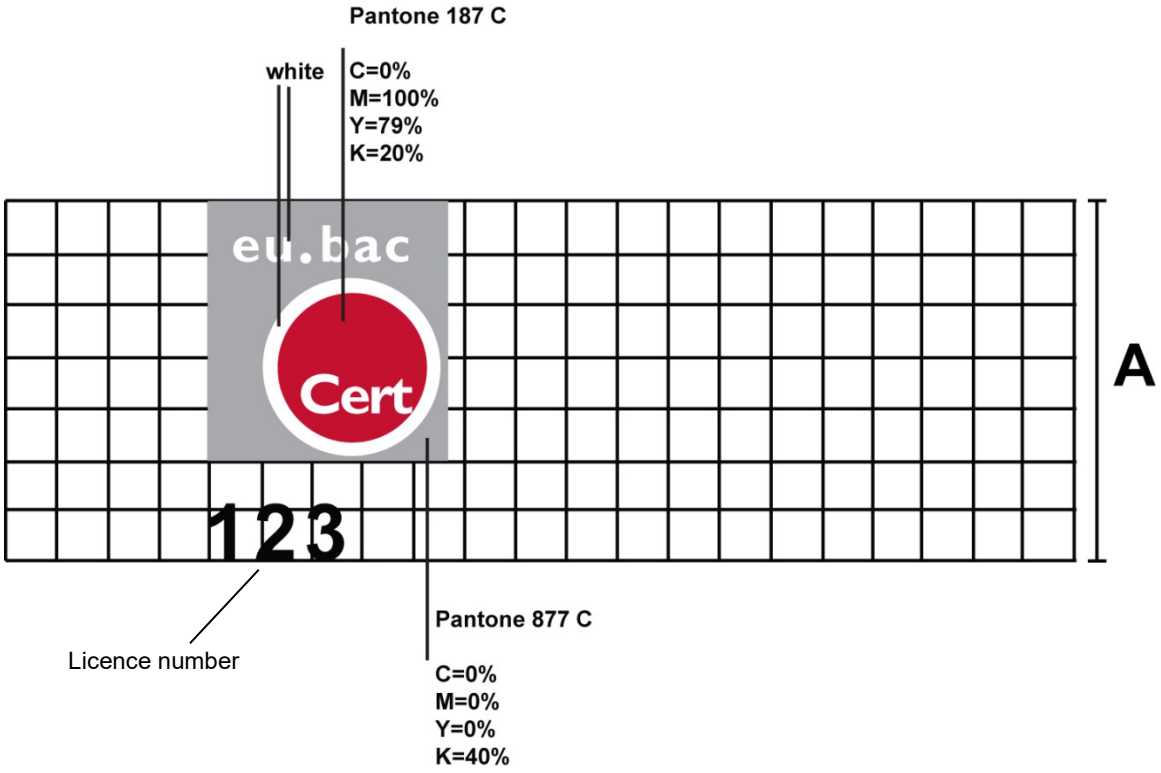
The use of the Mark and the license number in the product documentation is mandatory and the certified application shall be clearly identified on the product description.

The eu.bac Certification Mark can be split to the license number when it is clear shown which product is licensed.

It is on the decision of the manufacturer to put the Mark/License number on the product itself, on the product's package, the label attached and the instructions for use.

The Mark may be reproduced in the colours indicated below, or in black or white against the background. It may also be engraved, pressed or printed on the housing of the related product.

The Mark may be reproduced in any size above the minimum, provided that the proportions given in the graduated drawing given below are respected, provided that the Mark remains clearly visible and that the Licence number remains easily legible.
The width-to-height ratio of the Mark is 1: 1,08.
Although the minimum size of the Mark, assuring its visibility and legibility, may vary depending on the way it is reproduced, dimension A of the Mark must in no case be less than 5 mm.



Annex B - Form of eu.bac Mark Licence (Example)

LICENCE

Number: xxxxxx

european building automation controls association

"Licensee Name"

received the licence to use the eu.bac mark for the product

"Product Name"

for the application(s)

"Application 1 + n"

based on the certification rules of eu.bac
and the Certificate "Certificate Number"

This licence will expire on "Expiry Date"

xxxxxx

Frankfurt am Main

eu.bac

european building automation and controls Association - eu.bac
Lyoner Straße 18 - 60528 Frankfurt am Main - Germany

Annex C - Form of eu.bac Test Report Summary (Example for IZC)

Test Report Summary

Product Information	
Licence Number:	
Licensee:	
Product Identification	
Test Specifications	
Tested Application:	
Temperature Sensor	
- Type:	
- Time Constant:	
Actuator Identification	
- Type:	
Valve Identification	
- Characteristic	
AV Acronym	
Fan Speed (For Fan Coil Applications)	
- Characteristic	
Test Result	
Temperature Control Accuracy C_A according EN 15500	

Brussels **eu.bac**

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Annex D - Timetable for Testing, Follow up tests, Inspection and Certification

	Start	after 36 month	after 6th Year for prolongation
Initial test	**x**		
Follow up test		**X**	**x**
Inspection	**x**	**X**	**x**
Certification	**x**		**x**

Each Licensee should be certified to EN ISO 9001, if not certified to EN ISO 9001 an additional Factory Inspection after the first year will be carried out incorporating some aspects of EN ISO 9001.