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OPERATIONAL MANUAL
for the
CERTIFICATION
of
Heat Recovery Systems with intermediate heat transfer medium

OM-18-2017

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I. PURPOSE

The purpose of this manual is to prescribe procedures for the operation of the Eurovent Certified Performance (ECP) certification programme for Heat Recovery Systems with intermediate heat transfer medium (HRS-COIL), in accordance with the Certification Manual.

II. SCOPE

II.1 General

The programme scope covers the heat recovery exchangers with intermediate heat transfer medium corresponding to the category IIa ("without phase change") of the EN 308:1997 standard, that is Run Around Coils systems.

The present programme does not cover other types of air to air heat exchangers like Air to Air Plate Heat Exchangers (AAHE) or Air to Air Regenerative Heat Exchangers (AARE) for which dedicated Eurovent Certified Performance programmes exist.

II.2 Certify-all requirement

Whenever a company participates in the programme for HRS-COIL, all heat recovery exchangers with intermediate heat transfer medium that are promoted by the applicant/participant to end-users, specifiers, trading companies, contractors by means of paper or electronic catalogue, price list or software within the scope of the programme, shall be certified, in accordance with the relevant Rating Standard. This includes all models in modular ranges. For the HRS-COIL programme, the certify-all requirement as defined in the Certification Manual is applicable not only to the European market but worldwide.

III. BASIC OUTLINE OF THE PROGRAMME

Participation in this Eurovent Certified Performance programme consists of the following:

III.1 Application

The Applicant, after signing the License Agreement, shall send to Eurovent Certita Certification all information required for the qualification according to Rating standard RS/7/C/009: software name and version, the software itself, declaration file and relevant literature (see also IV.1).

III.2 Qualifying procedure

Once the application is completed, the qualification procedure is articulated as follows:

- For Brand Name (BN) companies, applicable steps of the software checking procedure and audit procedure shall be conducted (see IV.4 and IV.5).
- For Original Equipment Manufacturers (OEM), Eurovent Certita Certification checks the software compliance to general (see Certification Manual) and specific (see §IV.4a) requirements and its consistency with the declaration list. Then, Eurovent Certita Certification proceeds to selection based on the declaration list (see IV.2) and requests the performances declaration together with selected units delivery to the laboratory. The independent laboratory staff proceeds to product performance testing on the selected units according to the procedure detailed in §IV.3. A "test-check" (see IV.3d) is then performed by Eurovent Certita Certification to evaluate the test success. In the meantime, an auditor appointed by Eurovent Certita Certification shall audit each manufacturing site (see IV.5).

If the aforementioned checks prove all the ranges compliance with the requirements specified in Rating Standard RS/7/C/009, the certification is granted. If not, the procedure for failure treatment shall be applied.

When certified, the ranges are published on the Eurovent Certified Performance (ECP) website as specified in §V.1. Once the certificate is received, the participant is entitled to use the certification mark according to applicable requirements (see V.2).

III.3 Repetition procedure

Every year, Eurovent Certita Certification checks whether the certified products still fulfil the requirements:

- For Brand Name (BN) companies, applicable steps of the software checking procedure and audit procedure shall be conducted annually (see IV.4 and IV.5).
- For Original Equipment Manufacturers (OEM), repetition tests in the independent laboratory, software checking procedure and factory audit shall be conducted annually in compliance with the Certification Schedule (see APPENDIX A).

For the repetition procedure, the certification is *renewed* at the date specified in the Certification Schedule (see APPENDIX A) on condition that:

- The previous test campaign (N-1) has been successfully completed;
- The scheduled audits have been performed by the auditor and are successful or the corrective actions plan is considered satisfactory;
- The product delivery together with the technical datasheet and the payment have been completed.

The company receives then a renewed certificate and the display of data is maintained on the Eurovent Certified Performance (ECP) website. If not, failure treatment shall be applied.

III.4 Failure treatment

When a range fails to comply with the requirements of the Rating Standard RS/7/C/009, the failure treatment shall be applied.

III.5 Challenge procedure

Under special conditions a challenge procedure may be carried out as described in the Certification Manual.

IV. OPERATION OF THE PROGRAMME

IV.1 Declaration of data

All characteristics shall be expressed in SI units. Maximum of 3 significant digits shall be used for air flow, capacity, energy efficiency, pressure drop.

Submittal of data shall be made by filling in the forms provided by Eurovent Certita Certification as .xls or .xlsx files. The forms shall be sent by e-mail to Eurovent Certita Certification within the time limits specified in Certification Schedule (see APPENDIX A).

Copies of the forms are part of this manual (see APPENDIX B):

- Declaration file HRS-COIL-1 will be used
  - for manufacturing companies (Original Equipment Manufacturer – OEM) to declare ranges, Basic Model Groups (BMG) and technical data.
  - for Brand Name (BN) companies to identify the corresponding system models number of the original equipment manufacturer

- Declaration file HRS-COIL-2 will be used for performance declaration for the systems selected.
- Technical data sheet HRS-COIL-3 will be used to complete technical description of all raw material or incoming goods for the systems selected.

The applicant/participant shall inform Eurovent Certita Certification of any modification of the product portfolio by updating the declaration file (HRS-COIL-1) and sending the updated selection software together with the software update record sheet HRS-COIL-4. Non-compliance of the applicant/participant is considered as non-application of procedures (see IV.7).

Eurovent Certita Certification decides whether the modification is significant for the certified performance data or not. In the case of significant modifications Eurovent Certita Certification is entitled to request adequate tests to check the influence on performance data. This test shall not be considered as a repetition one.

Confidentiality of certification data: All data submitted to Eurovent Certita Certification will be held confidential except for information authorised to be published in the Eurovent Certified Performance website.

IV.2 Selection of units to be tested

a. Selection for qualifying procedure

Eurovent Certita Certification shall select units to be tested on the basis of its evaluation of the declaration file HRS-COIL-1 communicated by the applicant.

At least one (1) coil per Basic Model Group (BMG) shall be selected in order to cover the variations declared (see system and BMG definition in Rating Standard RS/7/C/009). *However, in total the maximum number of systems selected for testing is equal to six (6).* If the number of BMG is odd, there will be one extra coil selected to have an even number and the selected coils will be paired into systems in accordance with the following principles:

- the coils characterized by standard tube and fin materials and small fin spacings will be preferably used as supply coils
- the coils characterized by special tube and fin materials and high fin spacings will be preferably used as exhaust coils

b. Selection for repetition procedure

For the repetition procedure, Eurovent Certita Certification shall select one (1) coil per range for testing. *If the number of ranges is odd, there will be one extra coil selected to have an even number and the selected coils will be paired into systems. However in total the maximum number of systems selected for testing is equal to three (3).*
If possible, a configuration different from that previously tested shall be selected, from a different Basic Model Group (BMG) from one year to another for example.

c. Selection for penalty tests

Eurovent Certita Certification shall select units for penalty tests from the range which failed (see IV.6d). If this range is no longer produced in year N+1 (status “deleted” or “obsolete”) then the selection will be made from the range which is the most similar to the one that failed.

IV.3 Tests at the independent laboratory

a. General

Within the programme, tests may be conducted under the following procedures:

- Scheduled tests in qualifying procedure
- Scheduled tests in repetition procedure
- Penalty test in repetition procedure
- Challenge procedure test

Tests shall be performed at the independent laboratory selected by Eurovent Certita Certification.

The laboratory shall have the responsibility of uncrating, handling, testing and recrating the coils constituting the systems for shipment.

Before testing, the laboratory shall check the product dimensions against the values declared in the technical datasheet to ensure that the system corresponds to the selection.
The laboratory shall not perform the test and contact Eurovent Certita Certification who shall ask the applicant/participant to send a new system in the following cases:

- one of the dimensions is not compliant with the technical datasheet (see Rating Standard RS/7/C/009 for tolerances),
- one of the coils constituting the systems appears damaged (see IV.6b "Component failure").

Systems shall be assembled and installed in the test facility by the laboratory personnel in accordance with the manufacturer's published installation instructions. The applicant/participant shall therefore provide the laboratory with full information about the installation. *Upon justified request, the applicant/participant staff may be allowed by Eurovent Certita Certification to attend the preparation and installation of units but not the test itself.*

No applicant/participant's personnel shall be present in the laboratory test facility during the tests.

If the test establishes that the system fails to meet one or more of the requirements of the Rating Standard RS/7/C/009, the laboratory shall promptly notify Eurovent Certita Certification to receive instructions regarding further actions (see IV.6c).

b. Time limitation of acquisition and recovery of units

Deadline for delivery of units to the laboratory, together with the technical data sheet completed and the payment, is defined in the Certification Schedule (APPENDIX A). For the qualifying procedure the deadline is specified in the notification received from Eurovent Certita Certification.

If elements are not delivered within the time limitations, it is considered as non-application of procedures (see IV.7).

Eurovent Certita Certification has discretion not to discontinue the certification when the applicant/participant provides a definite and acceptable date of supply.

The applicant/participant has to recover the products maximum six (6) working weeks after receiving the test reports and results. If the products are not recovered after this delay, the laboratory can destroy them and the corresponding invoice will be sent by Eurovent Certita Certification to the applicant/participant.

c. Test conditions

The tests shall be conducted at the conditions stated in Rating Standard RS/7/C/009.

d. Report of test results and test-check

Upon completion of the tests on each system, the laboratory will send the complete report as a .pdf file to Eurovent Certita Certification.

Eurovent Certita Certification shall recalculate the values with the software according to the test operating conditions displayed in the test report ("test-check").

For each test, a performance item fails when the recalculated value and the measurement differ by more than the allowable tolerance (see Rating Standard RS/7/C/009).

When one or more performance items fail, the test status is considered FAILED and the failure treatment corresponding to unit failure (see IV.6c) shall be applied.

Eurovent Certita Certification will forward a copy of the report together with the test report result sheet (HRS-COIL-5) and, if applicable, the test rerate sheet (HRS-COIL-6) to the applicant/participant (see APPENDIX B).

IV.4 Software checking procedure

a. Specific requirements

In addition to the general software requirements which are described in the dedicated appendix of Certification Manual, the software must comply with the following:

- If the technical selection is protected by a username and/or password these shall be provided to the Eurovent Certita Certification representative without any expiry date.
- It is allowed to ask the location of the customer in the software, however all data provided by the software shall be the same whatever the location of the customer is.
- Vocabulary and units shall be in accordance with the present operational manual and the Rating Standard RS/7/C/009.
- The characteristics available for the system definition and selection shall be consistent with the declared data (available fin materials, thickness and spacing for a given fin configuration, available tube materials…etc.)
- It should be possible to select either the wet bulb temperature or the humidity ratio in addition to the dry bulb temperature to define the air side properties.
- It should be possible to define the volume flow rate as software input on the air side.
- The outputs must be at least displayed under the standard conditions. Standard air density is set at 1.20 kg/m^3. Other values are authorized if accompanied by the underlying air density. The air density shall be clearly stated and present in the printouts.
- It should be possible to select a water+25% ethylene-glycol mix.
- The software performances with water + 0-50% propylene-glycol mix should be lower than performances with water + 0-50% ethylene-glycol mix.
- The software shall give a warning in case the result data run out of acceptable design limits (velocity too high or too low, etc…) defined by the applicant/participant.

b. Acquisition and initial check of the software

The software shall be sent together with all required data when the applicant subscribes for the qualification procedure. For the repetition procedure, the deadline for the delivery of the software to Eurovent Certita Certification is defined in the Certification Schedule (see APPENDIX A).

The software compliance to general (see dedicated chapter in the Certification Manual) and specific (see IV.4a) requirements is to be checked by Eurovent Certita Certification prior to selection.

Brand Name companies shall also send the operating version of the software to Eurovent Certita Certification to check the consistency with the OEM software version.

In case only in-house programmes are available, a person designated by Eurovent Certita Certification shall undertake himself the selection on site, during a specific visit for BN companies or the factory audit for OEM.

c. On-site checking of the software

The auditor appointed by Eurovent Certita Certification shall check the selection software consistency by selecting two (2) orders at random from the applicant/participant sales records. This check shall be conducted:

- during factory audits for OEM;
- during the facility audit (where the orders to the customers can be accessed) for BN.

Whenever possible, the specific visit for BN shall be scheduled once the OEM has undertaken the testing procedure and/or the OEM on-site checking of software has been performed in order to compare the BN software results to recent OEM software results. Otherwise the software will be checked against the results of campaign N-1.

Whenever possible, one of the checks shall be performed on an order under manufacturing (for OEM) or preparation (for BN) so that the entire composition and technical specifications can be checked on site. For the OEM, the other check shall be performed for a unit similar or identical to one of the production units selected for the test campaign.

The applicant/participant's representative shall fully inform the auditor by submitting all relevant assembly drawings, specifications and technical data sheets of the units under check.

For OEM, in case the products under manufacturing at the audit date do not fall into the certification programme scope, the auditor shall at least check the stock to verify that the raw material or incoming goods under common use in the factory are the same as that appearing in the declaration list.

The composition, technical specifications and performance from recalculation shall be the same as the one specified and announced to the customer. If one of the performance values obtained by the auditor differs by more than the acceptable tolerance, this is considered as a software consistency failure and the applicant/participant shall update his software according to the relevant procedure (see IV.6e). If in the meantime the applicant/participant has officially launched a new software version and recalculation is made with this version, deviations should be traceable in the software update record sheet (sheet HRS-COIL-4, see B.IV).

If it appears that different software had been used, this shall be considered as a non-respect of procedures (see IV.7).

Eurovent Certita Certification shall transmit to the applicant/participant the result of the on-site check software as a .pdf file.

IV.5 Audits

a. General

General audit requirements are stated in the Certification Manual.

The audit will consist of the on-site checking of software (see IV.4c) and the verification that the applicable requirements specified in paragraph IV.5b are fulfilled.

Whenever necessary, Eurovent Certita Certification has the right to ask an auditor to conduct an additional audit to the applicant/participants' factory as well as to collect data directly from customer and perform extra checking of software.

If audits are not conducted within the time limitations specified in the notification received from Eurovent Certita Certification, it is considered as non-application of procedures (see IV.7).

In case of force majeure (e.g. accidents, labour disputes, natural events, acts of war) which would not allow Eurovent Certita Certification to perform a factory audit Eurovent Certita Certification can decide to replace it by another mean of verification, to postpone it within a reasonable deadline or to cancel it.

b. Audit requirements

During the audit, the auditor will:

- check that the ECP mark is displayed on the production units and on the documentation in compliance with the requirements specified in paragraph V.2;
- check the operating software consistency as per paragraph IV.4c;
- check that the products in the sales record are compliant with the declaration list;
- check that the corrective actions plan (*see IV.5.c*) is completed or under implementation.

The auditor will also perform a complete review of the quality management system to check that:

- the suppliers are regularly evaluated and that the corresponding evaluations are recorded;
- the raw material or incoming goods conformity with the bill of material (BOM) specifications is regularly evaluated and that the corresponding evaluations are recorded;
- the manufacturing process key steps are submitted to a validation check which results are recorded
    - in particular, performing a coil leakage test is required on each production unit. When the testing method used is not described in standard EN 13779:1999 its relevance shall be proven by the manufacturer;
- the factory personnel is qualified to perform the specific tasks if any;
- every product traceability is ensured;
- calibration of measuring devices is performed on a regular basis;
- production non-conformities are recorded and corrective actions initiated;
- customer complaints are registered and treated (OEM and BN).

c. Audit nonconformity

After evaluation, a nonconformity is classified critical when the following cases are identified:

- there is a significant risk regarding the product conformity with respect to applicable requirements;
- there is a significant risk regarding the quality management system ability to control the product conformity with respect to applicable requirements;
- a specific nonconformity already pointed out during a previous audit is observed again;

Otherwise the nonconformity is not-critical.

In case of nonconformity, the applicant/participant shall be requested to provide Eurovent Certita Certification with a corrective actions plan within the deadline specified by the auditor (see also IV.6g for the audit failure treatment procedure).

IV.6 Failure treatment

a. Reasons of failure

The applicant/participant may examine the reasons of the failure.

b. Component failure

If the unit is damaged this is considered as a “component failure”.The laboratory shall immediately inform Eurovent Certita Certification who will notify the applicant/participant. The applicant/participant shall deliver within four (4) working weeks a new copy of the same model, which then shall be tested according to the availability of the laboratory.

c. Unit failure

For each failed test, the applicant/participant has four (4) working weeks from the notification of failure to select between the following alternatives:

(1) Rerate the data by adapting the software to the test results. The corrected software with its new version number shall be sent to Eurovent Certita Certification who will check the consistency of the modifications. If the new software is in accordance with all the measurements, the ranges are published on the ECP website with the new rating and certification is granted/maintained. After verification (“test-recheck”), if the software is still not in accordance with the test results the certification shall be temporarily suspended until the software update proves consistency with the tests results.

(2) Ask for a second test on a new copy of the same system scheduled by Eurovent Certita Certification according to the availability of the laboratory. This request shall be accompanied by a cause analysis and a relevant corrective actions plan. If this second test is successful, no revision of selection software will be required, otherwise the data will have to be rerated and the software updated as explained in the rerating procedure (see IV.6f).

In both cases, penalty tests will be requested as described in §IV.6d.

d. Penalty tests

In case of established failure, systems for penalty tests have to be selected as follows:

- Two (2) systems in case of failure on heat recovery efficiency
- One (1) system in case of failure on pressure drop (air side and/or fluid side)

The penalty tests are full tests (all three standard conditions), and shall be performed during the following repetition test campaign, in addition to scheduled repetition tests.

e. Software consistency failure

In case the software is proved inconsistent during the initial check or the on-site check, the applicant/participant shall update his software according to the Rerating procedure.

f. Rerating procedure

General Rerating procedure requirements are stated in the dedicated paragraph of the Certification Manual.

g. Audit failure

The applicant/participant shall resolve the nonconformity within the time limitation agreed in the corrective actions plan.

In case of critical nonconformity, the certification may be suspended/not granted until the critical nonconformity resolution and the corresponding verification.

h. Repeated failures along the test campaigns

This section refers to the corresponding section of the Certification Manual.

IV.7 Non-application of procedures

The general consequences of non-application of procedures are described in the relevant paragraph of the Certification Manual.

V. PROMOTION OF THE PROGRAMME

Promotion of the programme shall be done in accordance with relevant sections of the Certification Manual.

V.1 By Eurovent Certita Certification

The certified data of the certified products are published on the Eurovent Certified Performance website: www.eurovent-certification.com.

Eurovent Certita Certification will supply, on request, to any interested party, the current status of any participant or of any range (new, certified, deleted or obsolete).

The following data are published:

- Name of Company
- Trade or brand name
- Certificate number
- Range designation(s) and characteristics :
  - Tube outside diameter;
  - Tube arrangement :
    - pitch height : tube spacing (i.e perpendicular to the air flow)
    - pitch depth : row spacing (i.e in direction of the air flow)
    - tube alignment (in-line or staggered)
  - minimum and maximum number of rows;
  - minimum and maximum number of tubes per row;
  - minimum and maximum finned length;
- Software name and version

- Production sites (city, country)

Eurovent Certita Certification will supply, on request, to any interested party, the current status of any participant or of any range (new, deleted or obsolete).

V.2 By Participants

The participating company shall indicate participation in the ECP programme for Heat Recovery Systems with intermediate heat transfer medium by the following means.

a. Display of Eurovent Certified Performance logo on production units

Each Participant is entitled to display the Eurovent Certified Performance mark on each production unit of models which have been certified. The Participant may affix the certification mark at any location thereon satisfactory to him. The Eurovent Certified Performance mark may be applied as part of nameplate of certified models providing it meets the requirements stated in Certification Manual.

The Eurovent Certified Performance mark shall conform to the design, minimum size and proportions as presented in the Certification Manual.

The Eurovent Certified Performance mark shall include in the dedicated area (see Certification Manual) the name of the relevant programme the product is certified for, i.e “Heat Recovery Systems with intermediate heat transfer medium” or the corresponding short name “HRS-COIL”. When the product is also certified under the COIL programme, the logo may comprise both programme short names upon authorisation by Eurovent Certita Certification.

b. Display of Eurovent Certified Performance logo on technical documentation and advertising

The participating company shall indicate participation in the programme by displaying the appropriate Eurovent Certified Performance (ECP) mark on technical documentation as defined in the Certification Manual (electronic and printed catalogues, websites, on-line and off-line selection software, specification sheets), carrying ratings or claiming certification of certified models.

The ECP mark alone may be used in literature without certified performance data (general leaflets, advertising etc.).

Following the qualification procedure the basic documentation literature shall be submitted for approval to Eurovent Certita Certification. It shall be the responsibility of the participant to ensure compliance of other published literature.

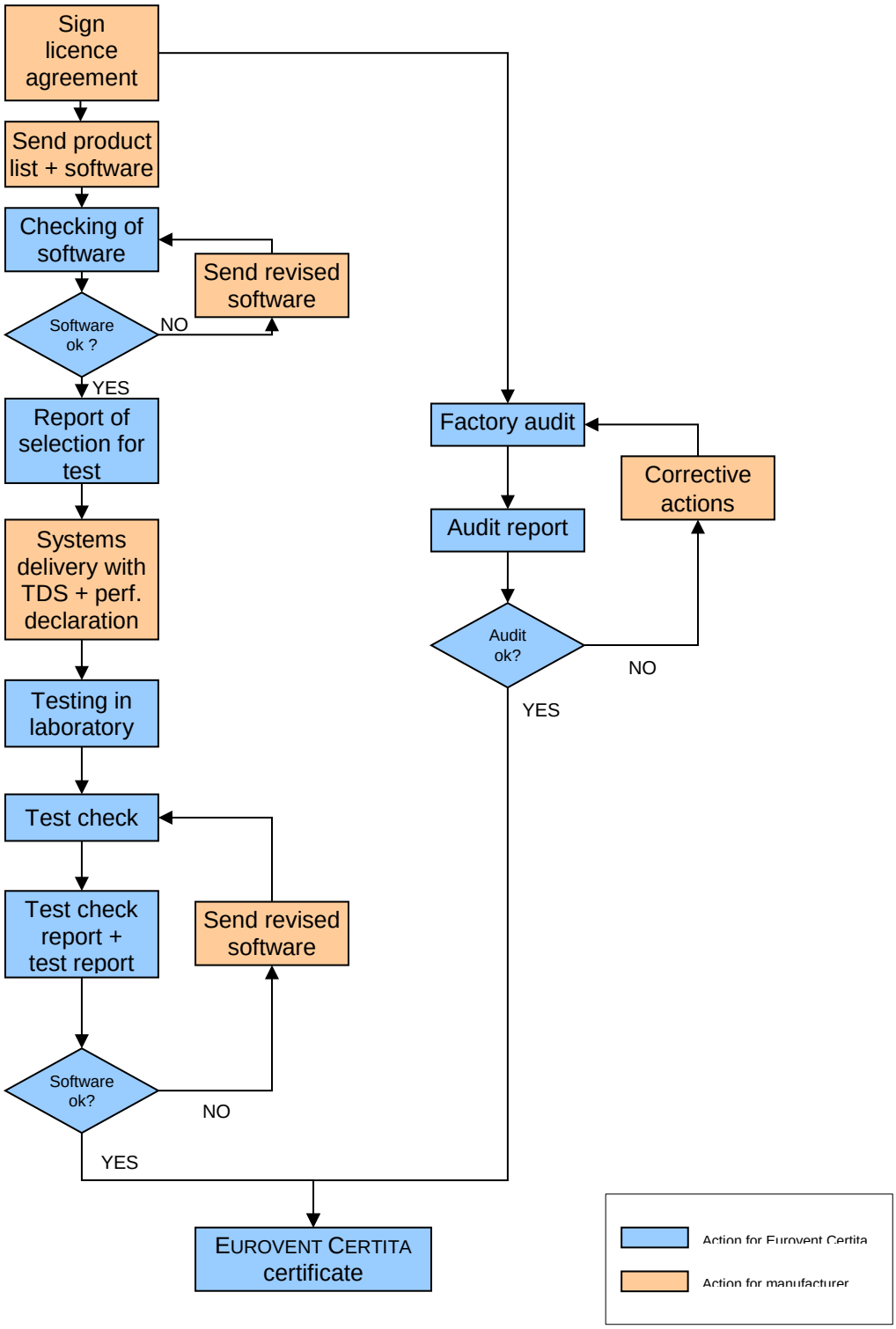
When used in technical documentation containing the certified performance data the ECP mark shall be used only for certified products. Non-certified products shall be clearly distinguished or presented in a separate document.

The ECP mark shall include in the dedicated area (see Certification Manual) the name of the relevant programme the product is certified for, i.e “Heat Recovery Systems with intermediate heat transfer medium” or the corresponding short name “HRS-COIL”. When the product is also certified under the COIL programme, the logo may comprise both programme short names upon authorisation by Eurovent Certita Certification.

APPENDIX A. CERTIFICATION PROCESS AND SCHEDULE

A.I. Qualification procedure

Figure 1 : Certification process for the qualification procedure



A.II. Repetition procedure

Table 1 : Certification schedule for the repetition procedure

Certification step	Deadline
Eurovent Certita Certification asks for update of declaration list and software from the participant	30/11/n-1
The participant sends the up-dated products declaration list and software	31/12/n-1
Eurovent Certita Certification checks the software compliance to requirements. When the software does not meet the certification requirements the manufacturer has to correct it and send a new version. When the software meets the requirements the selection list is sent to the participant for performance declaration (form HRS-COIL-2).	31/01/n
The participant returns the completed performance declaration file and the software printouts for selected systems.	15/02/n
Product delivery + Technical data sheet transmission + payment are completed by the participant	31/03/n
All regular tests, and penalty tests when applicable, are completed and test reports sent by the laboratory to Eurovent Certita Certification	31/05/n
The auditor audits the participant's facility and checks the software consistency.	15/06/n
The participant sends the audit non-conformity corrective actions plan when applicable	Deadline set up by auditor
Eurovent Certita Certification performs a "test-check" to verify that the software is in accordance with the test results. Eurovent Certita Certification forwards the test reports together with the "test-check" results to the participant.	30/06/n
The participant can ask for second tests before	31/07/n
The auditor evaluates the corrective actions plan relevance	31/07/n
Product delivery + Technical data sheet transmission + payment are completed by the participant for second tests (when applicable).	15/09/n
Rerated software is sent to Eurovent Certita Certification (when applicable).	15/09/n
Eurovent Certita Certification sends the diploma if all requirements are fulfilled.	31/10/n
Diploma validity	31/10/n+1
Second tests are completed and test reports sent by the laboratory to ECC (when applicable).	15/11/n
Eurovent Certita Certification verifies the software compliance with the second test results ("test-recheck") and forwards the second test report together with the "test-recheck" results to the participant (when applicable).	15/12/n
Final corrections of the software in case of second failure	31/12/n

APPENDIX B. FORMS

B.I. Form HRS-COIL-1: Product list declaration file

The form HRS-COIL-1 (declaration file) to be filled in shall be sent by Eurovent Certita Certification to:

- *applicants who have signed the license agreement,*
- *participants on an annual basis before the deadline specified in the Certification schedule.*

A template will be available for information and upon request.

B.II. Form HRS-COIL-2: Performance ratings declaration file

The form HRS-2 (Performance ratings declaration file) to be filled in shall be sent by Eurovent Certita Certification to applicants/participants who have returned the forms HRS-COIL-1 completed.

A template will be available for information and upon request.

B.III. Form HRS-COIL-3: Technical Data Sheet (TDS)

The form HRS-COIL-3 (Technical Data Sheet) to be filled in shall be sent by Eurovent Certita Certification to applicants/participants who have returned the forms HRS-COIL-1 and forms HRS-COIL-2 duly completed.

A template will be available for information and upon request.

B.IV. Form HRS-COIL-4: Software update record sheet

COMPANY LOGO

XXXX Software name
Software update record sheet

Prepared by:

Software version	Revision date	Brief description of the update

B.V. Form HRS-COIL-5: Test report result sheet

The form HRS-COIL-5 (Test report result sheet) shall be sent by Eurovent Certita Certification to applicants/participants together with the test report.

A template will be available for information and upon request

B.VI. Form HRS-COIL-6: Test rerate form

CERTIFICATION PROGRAMME FOR HEAT RECOVERY SYSTEMS WITH INTERMEDIATE HEAT TRANSFER MEDIUM

RESPONSE FORM AFTER FAILURE ON TESTED UNIT

This response form shall be sent back by *e-mail* to Eurovent Certita Certification within four (4) working weeks maximum.
Without news from you within this delay, revision of selection software with rerated data will be required.
Our e-mail: ***technical@eurovent-certification.com***

Date : _____ Your name : _____ Signature :

According to the document OM-18-2017, you are asked to select one of the following alternatives :

☐ **Ask for a second test, i.e. on another copy of the same system.**

☐ **Rerate the software in line with test results**