

SANITARY TAPWARE
Technical document
077-12

ECAU rating for automatic diverters,
family H, type C

Technical Document 077-12 Rev02
01/10/2020

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MODIFICATION HISTORY

Revision no.	Application date	Modifications
00	01/06/2017	Update to the document layout and reference. Content modifications: – Some technical changes
01	02/04/2019	Cancel and replaces technical document 077-12_Rev 18 Update of technical document according to the new frame: <i>"Trame_doc_technique_VF_PC_DT_R3. "</i> Content modifications
02	01/10/2020	Reference to the regulation for use of marks (DT077-00)

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1 Normative support and complementary specifications

1.1 Purpose

The purpose of this chapter is:

- to list the articles of Standard NF EN 14506 that shall be taken into account;
- to clarify and/or supplement certain articles of the standards and;
- to define additional specifications

1.2 List of the tests involved

The table below lists the articles of the Standard NF EN 14506.

Articles	Title of articles
6	Marking and technical documents
6.1	Marking
6.1.2	Marking of integrated devices
6.1.3	Marking non-integrated devices
6.2	Technical documents
8	General design characteristics
8.2	Connections
9	Physical and chemical characteristics
9.1A	Materials (<i>resistance to neutral salt spray</i>)
9.1A	Materials (<i>"air" thermal shock resistance test</i>)
9.2	Nature of materials
10	Characteristics and tests
10.2	Order of tests
10.3	Visual examination (Step 1)
10.4	Leaktightness and anticipation test (Step 2)
10.4.3	Leaktightness and operation of the automatic diverter for high-pressure applications
10.4.4	Leaktightness and operation of automatic diverters for low-pressure applications
10.5	Step 3: Mechanical endurance test
10.6	Vacuum tests for high and low pressure applications (step 4)
10.6.1	Vacuum operation tests
10.6.2	Vacuum static test in bath mode
11	Acoustic characteristics

1.3 References to standards

NF EN 14506: 2005	Devices to prevent pollution by backflow of potable water - Automatic diverter - Family H, type C
NF EN 200: 2008	Sanitary tapware - Single taps and mixer taps for water supply systems types 1 and 2 - General technical specifications
NF EN 817: 2008	Sanitary tapware. Mechanical mixer taps (PN 10)
NF EN ISO 3822-2: 1995	Acoustics - Laboratory tests on noise emission from tapware and hydraulic equipment used in water supply installations - Part 2: Guidelines for the installation and operation of draw-off taps and tapware.

1.4 Terms and definition

No requirements in addition to those under the NF EN 14506 Standard.

1.5 Nominal dimension (or Denomination) and pressure ranges

No requirements in addition to those under the NF EN 14506 Standard.

1.6 Designation

No requirements in addition to those under the NF EN 14506 Standard.

1.7 Marking and technical documents

No requirements in addition to those under the NF EN 14506 Standard.

1.7.1 Marking

No requirements in addition to those under the NF EN 14506 Standard.

1.7.2 Technical documents

No requirements in addition to those under the NF EN 14506 Standard.

1.8 Symbols

1.9 General design characteristics

1.10 Physical and chemical characteristics

1.10.1 Materials

1.10.2 Nature of materials

1.11 Characteristics and tests

1.11.1.1 Order of tests

Table 1 – Performance of the test

Sample Sequence	Order	Tests		
Sample 1 Materials	1.	§1.10.1A Materials (<i>Salt spray</i>)		
Sample 2 Materials	1.	§1.10.1B Materials (<i>air thermal shock</i>)		
Sample 3-4-5		Sample 3	Sample 4	Sample 5
	1.	§1.7.1 Marking	§1.7.1 Marking	§1.7.1 Marking
	2.	§1.11.2 Visual verification	§1.11.2 Visual verification	§1.11.2 Visual verification
	3.	§1.11.3 Leaktightness	§1.11.3 Leaktightness	/
	4.	§1.11.34 Endurance	/	/
	5.	§1.11.5 Vacuum	§1.11.5 Vacuum	/
	6.	§2.6.3 Endurance		
	7.	§1.11.3 Leaktightness		
Sample 8-9-10 Acoustics	1.	§1.7.1 Marking		
	2.	§11 Acoustic characteristics		
	3.	§2.6.3.3 Acoustic characteristic		

1.11.2 Visual examination (Step 1)

1.11.3 Leaktightness and anticipation test (Step 2)

No requirements in addition to those under the NF EN 14506 Standard.

1.11.4 Step 3: Mechanical endurance test

In addition to the standard, the hot water temperature for performing the endurance tests is 55 °C to 65 °C instead of (65 ± 2) °C.

1.11.5 Vacuum tests for high and low pressure applications (step 4)

1.11.5.1 Vacuum operation tests

Article 10.6.1.2 of Standard NF EN 14506 is fully included to facilitate the reading of this document and to include additional specifications.

1.11.5.1.1 Test equipment

No modifications.

1.11.5.1.2 Dynamic vacuum test in the shower position - operating procedure

- 1) Preparation of the tested device:
 - a) remove, or block in fully open position, the stop valves located at the inlets or outlet connections of the pipes;
 - b) for high-pressure valves, remove the jet regulator or the flow control device and replace it with a port ("O" disc) at a flow rate of 18 L/min at 0.3 (+ 0.02/0) MPa or 3 (+ 0.2/0) (similar to class S);
 - c) for low-pressure valves, leave the flow control device/jet regulator in place unless more than 50% of the jet regulator ports are made of openings with minimal dimensions, making it impossible to pass a gauge through them with a diameter of 4 mm. In this case, install a disc with a flow rate of (15 ± 1) L/min, at 0.1 MPa or 0.1 bar;
- 2) Establishment of the reference level:
 - a) install the device according to the manufacturer's instructions and Figure 9 of the standard;
 - b) for mixing valves, place both flow control components in the open position. For mixers, the flow control must be in the fully open position and the temperature control must be in the middle position. Apply a water pressure $P \geq 0.05$ MPa or 0.5 bar to purge the system;
 - c) set the device to be tested in shower mode;
 - d) once the pipe and the clear tube have been purged and the water level is stable, close the valve flow control and check the water level in the clear tube after the automatic diverter has returned to the bath position.
- 3) Vacuum test:
 - a) for mixing valves, place both control components in the open position. For mixers, the flow control must be in the fully open position and the temperature control must be in the middle position. Apply a water pressure > 0.05 MPa (0.5 bar) to purge the system;
 - b) set the device to be tested in shower mode;
 - c) apply a vacuum of 0.05 ± 0.005 MPa ((0.5 ± 0.05) bar) for 10 s at the minimum, setting (7) to the vacuum position in 1 s;
 - d) check the water level in the clear tube (12).

1.11.5.1.3 Requirements

The level observed in step 3) d) of the test stage must not be lower than the reference level established in step 2) 2)d).

1.11.5.2 Vacuum static test in bath mode

No requirements in addition to those under the NF EN 14506 Standard.

1.12 Acoustic characteristics

No requirements in addition to those under the NF EN 14506 Standard.

2 ECAU rating

2.1 Foreword

The ECAU rating was created to meet the expectations of market players who require performances that are superior or complementary to that of the specifications of Part 1.

For HC automatic diverters, the requirements are:

- Hydraulic performance levels according to user needs;
- Creation of the 3 acoustic classes to clarify this performance;
- Specific mechanical performance for diverters.

It should be noted, however, that the use of the ECAU rating is voluntary and supplementary to the evaluation of a product that is already certified under the 1st part of this document.

2.2 Purpose

The purpose of this chapter is to establish the hydraulic, mechanical, acoustic and maintenance performance levels to be met by shower outlets for sanitary tapware to qualify for the ECAU rating in accordance with the regulation for use DT077-00.

2.3 Field of application

This chapter applies to HC automatic diverters.

2.4 Reference to standards and additional specifications

NF EN 14506: 2005	Devices to prevent pollution by backflow of potable water - Automatic diverter - Family H, type C
NF EN 200: 2008	Sanitary tapware - Single taps and mixer taps for water supply systems types 1 and 2 - General technical specifications
NF EN 817: 2008	Sanitary tapware. Mechanical mixer taps (PN 10)
NF EN ISO 3822-2: 1995	Acoustics - Laboratory tests on noise emission from tapware and hydraulic equipment used in water supply installations - Part 2: Guidelines for the installation and operation of draw-off taps and tapware.
DT077-00	Regulations for use of marks

2.5 ECAU rating principle

The ECAU rating is based on four characteristics:

- Hydraulic or flow characteristic, symbolised by the letter “E”;
- Comfort characteristic symbolised by the letter “C”;
- Acoustic characteristic symbolised by the letter “A”;
- Mechanical or wear characteristic, symbolised by the letter “U”.

2.5.1 Meaning of E

The flow characteristic taken into account is the operating flow ‘q’ of the diverter as it is equipped and installed in the tap. The hydraulic characteristic shall therefore be associated with the tap.

2.5.2 Meaning of C

The comfort characteristics taken into account for class 1 are:

- Vacuum tests for high and low pressure applications (step 4).

	C
Field of application	<ul style="list-style-type: none"> – Household with waiver (house, apartment, student residence) – Public (Hospitality, ERP (institution receiving the public), office, EHPA (nursing home), non-medical retirement home, spa treatment centre)
Class 1	– Vacuum tests for high and low pressure applications (step 4)

2.5.3 Meaning of A

There is no acoustic characteristic taken into account for HY automatic diverters because the noise level is measured with the tapware.

2.5.4 Meaning of U

The wear characteristic taken into account is the mechanical endurance and, more precisely, the number of operating cycles to which the diverter is subjected.

There is 1 class for this characteristic.

An application for an ECAU rating implies a class 3 application for endurance tests (U3).

2.6 Performance level for the ECAU rating

2.6.1 Hydraulic characteristics

There are no hydraulic characteristics for HC automatic diverters because the flow is measured with the tapware.

2.6.2 Characteristics required for class C1

In addition to Part 1 of this document, to obtain a class C1 rating, the product must have the following characteristics:

2.6.3 Mechanical endurance or wear resistance characteristic

2.6.3.1 Operating procedure

Complies with the requirements of Article 1.11.3 of this document.

2.6.3.2 Classification

Endurance performance is modified by multiplying by 2.5 the requirements for all mobile equipment in this document.

Class	Number of cycles	
U3	Automatic diverter – HC	200,000 cycles

2.6.3.2.1 Required characteristics

There must be no leaks, blockages, etc. throughout the test.

After 200,000 cycles of the inverter, after this test, no leakage should be noted in the inverter when tested in accordance with Articles 1.11.3 and 1.11.5 of this document.

2.6.3.3 Acoustic characteristic

2.6.3.3.1 Operating procedure

Complies with the requirements of Article 1.12.1 of this document.

2.6.3.3.2 Classification

Depending on their performance level, tapware can be classified as follows:

Acoustic group	Classification	L _{ap}
II	A ₁	20 dB (A) < L _{ap} ≤ 30 dB (A)
I	A ₂	15 dB (A) < L _{ap} ≤ 20 dB (A)
I	A ₃	L _{ap} ≤ 15 dB (A)

2.6.3.3.3 Selection criteria

The acoustic class selection will mainly depend on the characteristics and use of the building.

2.7 Example of ECAU rating

An HC automatic diverter with a usage flow rate of 24 L/min, with an L_{ap} of 18 dB (A) that passed the endurance tests (200,000 cycles) and passed the level 1 comfort tests shall be classified as:

E ₃ C ₁ A ₂ U ₃

2.8 Rating presentation

2.8.1 Specific information for the catalogue or other commercial media

See Chapter 6.1 of the regulations for use of DT077-00.

The specific information on the methods for rating HC automatic diverters are as follows:

Flow	E	q L/min measured under 3 bar	E1	12 L/min ≤ q < 16.2 L/min	
			E2	16.2 L/min ≤ q < 19.8 L/min	
			E3	19.8 L/min ≤ q < 25.2 L/min	
			E4	25.2 L/min ≤ q	
Comfort	C	Type	C1	Dimensions, alternating pressures	
Acoustics	A	Lap dB (A)	A1	20 dB (A) < Lap ≤ 30 dB (A)	
			A2	15 dB (A) < Lap ≤ 20 dB (A)	
			A3	Lap ≤ 15 dB (A)	
Wear	U	Number of cycles	U3	Automatic diverter – HC	200,000 cycles

2.8.2 Product information

See Chapter 6.2 of the regulations for use of DT077-00.

3 ECAU rating application

The rating application must be issued by the applicant/holder in one copy (**1 original on the applicant's letterhead paper in French or English**) according to the cases and models indicated below. All the documents are to be remitted to CSTB.

In the event that the product comes from a manufacturing unit located outside the European Economic Area, the applicant shall designate a representative within the European Economic Area who co-signs the application.

Note: Electronic versions of template letters and sheets may be obtained from CSTB.

The applicant produces a file that contains the elements described in the following table depending on the type of application.

Summary Applications Table

Type of application Elements	Initial application	Complementary application	Admission following a penalty of withdrawal	Suspension application	Renunciation application
Application and commitment letter	Standard letter 1A or 1B (for a representative)	Standard letter 2A or 2B (for a representative)	Standard sheet 7 specific items	Standard letter 5A or 5B (for a representative)	Standard letter 4A or 4B (for a representative)
Sales literature	YES	If applicable	YES	Instructions or extract from the catalogue	

3.1 For an initial rating application

The applicant shall prepare a dossier which includes:

- an application and commitment letter in accordance with standard letter 1 A.
- **if a representative**, application and commitment letter as per standard letter 1 B.

3.2 For a complementary rating application

The holder shall prepare a file containing the following:

- an application and commitment letter in accordance with standard letter 2 A.
- **if a representative**, application and commitment letter as per standard letter 2 B.

3.3 For a new rating application following a penalty of withdrawal of the ECAU rating

The holder shall prepare a file containing the following:

- specific items that all applicants must submit as part of a new admission application where the right of use has been withdrawn as a result of a sanction, using standard sheet 7.

3.4 For an application for the suspension of the ECAU rating

The holder shall prepare a file containing the following:

- a suspension letter as per standard letter 5 A.
- **if a representative**, a suspension letter as per standard letter 5 B.

3.5 For an application for renunciation of the ECAU rating

The holder shall prepare a file containing the following:

- a renunciation letter as per standard letter 6A.
- **if a representative**, a renunciation letter as per standard letter 6B.

STANDARD LETTER 1A
ECAU AND/OR EChAU RATINGS

ECAU OR EChAU RATING APPLICATION FORM
FOR APPLICANTS LOCATED IN THE EUROPEAN ECONOMIC AREA

(to be drawn up on the applicant's/holder's letterhead paper)

Centre Scientifique et Technique du Bâtiment
Direction Hydraulique et Equipements Sanitaires, (HES)
Division Robinetterie et Appareils Sanitaires (RAS)
For the attention of Mr. Laurent Rousseau
84, avenue Jean Jaurès
Champs sur Marne
F-77447 Marne La Vallée Cedex 2

Subject: **ECAU and/or EChAU rating admission application**
Attachment(s): a technical file.

Dear Sir, Madam,

I would like to request an ECAU and/or EChAU rating:

- for the following product/range of products: (detailed list of the product/range of products or specify "as set out in the list included with this application");
- produced at the following production unit: (company name, address);
- and for the following trade name: (trademark and/or specific trade reference, which may be on the list included with this application).

For this purpose, I declare that I have read and accept technical document 077 associated with this rating and undertake to comply with it and to inform my commercial network during the entire validity period of the ECAU and/or EChAU rating and in particular to comply without restrictions or reservations with the decisions made by CSTB.

Yours faithfully,

**Date, signature and name in full of the
applicant/holder's legal representative**

STANDARD LETTER 1B
ECAU AND/OR EChAU RATING

ECAU OR EChAU RATING APPLICATION FORM
FOR APPLICANTS LOCATED OUTSIDE OF THE EUROPEAN ECONOMIC AREA

(to be drawn up on the applicant's/holder's letterhead paper)

Centre Scientifique et Technique du Bâtiment (CSTB)
Direction Hydraulique et Equipements Sanitaires, (HES)
Division Robinetterie et Appareils Sanitaires (RAS)
For the attention of Mr. Laurent Rousseau
84, avenue Jean Jaurès
Champs sur Marne
F-77447 Marne La Vallée Cedex 2

Subject: **ECAU and/or EChAU rating admission application (with a representative)**
Attachment(s): a technical file.

Dear Sir, Madam,

I would like to request an ECAU and/or EChAU rating:

- for the following product/range of products: (detailed list of the product/range of products or specify "as set out in the list included with this application");
- produced at the following production unit: (company name, address);
- and for the following trade name: (trademark and/or specific trade reference, which may be on the list included with this application).

For this purpose, I declare that I have read and accept technical document 077 associated with this rating and undertake to comply with it and to inform my commercial network during the entire validity period of the ECAU and/or EChAU rating and in particular to comply without restrictions or reservations with the decisions made by CSTB.

Furthermore, I appoint the Company (company name), (company legal form), (registered office) represented by Mr/Ms (name of the legal representative) in that person's capacity as (position) to represent me in the European Economic Area for all matters relative to ECAU and/or EChAU ratings.

I undertake to immediately notify CSTB of any new appointment of the representative designated above.

In this regard, I request that the expenses that are to be borne by me be invoiced directly to the representative. They will make the payments on my behalf and in my name as soon as the invoices are received, as agreed when accepting the role of representative.

Yours faithfully,

Date, signature and name in full of the applicant's legal representative

preceded by the handwritten wording "Approving representation"

Date, signature and name in full of the representative in the European Economic Area

preceded by the handwritten wording "Accepting representation".

STANDARD LETTER 2A
ECAU AND/OR EChAU RATINGS

**COMPLEMENTARY APPLICATION FORM FOR ECAU AND/OR EChAU RATING
FOR APPLICANTS LOCATED IN THE EUROPEAN ECONOMIC AREA**

(to be drawn up on the applicant's/holder's letterhead paper)

Centre Scientifique et Technique du Bâtiment (CSTB)
Direction Hydraulique et Equipements Sanitaires, (HES)
Division Robinetterie et Appareils Sanitaires (RAS)
For the attention of Mr. Laurent Rousseau
84, avenue Jean Jaurès
Champs sur Marne
F-77447 Marne La Vallée Cedex 2

Subject: **Complementary application for the ECAU and/or EChAU rating**
Attachment(s): a technical file.

Dear Sir, Madam,

As holder of the ECAU and/or EChAU rating for the product(s) of our manufacture identified below:

- designation of the product(s):
- production unit:
- right of use granted on (date) and bearing the following number: (*number of valid certificate*)

I am writing to apply for the ECAU and/or EChAU rating for the following product/range of products that we manufacture:

- detailed list of the product/range of products:
- specific trade reference:

(this information may be included in a list attached to this application)

For an extension application, please provide the information below:

*This product deviates from the certified product/range of products due to the following modifications:
<description of the modifications>.*

The product/range of products for which I am seeking an extension will replace the certified product listed above:

- NO (1);
- YES (1).

I declare that the products/product range covered by this application are, with relation to the other characteristics, strictly in conformity with the products/product range already certified and manufactured under the same conditions.

For this purpose, I declare that I have read and accept technical document 077 associated with this rating and undertake to comply with it and to inform my commercial network during the entire validity period of the ECAU and/or EChAU rating and in particular to comply without restrictions or reservations with the decisions made by CSTB.

Yours faithfully,

**Date, signature and name in full
of the applicant/holder's legal representative**

(1) Delete as appropriate.

STANDARD LETTER 2B
ECAU AND/OR EChAU RATINGS

**COMPLEMENTARY APPLICATION FORM FOR ECAU AND/OR EChAU RATING
FOR APPLICANTS LOCATED OUTSIDE OF THE EUROPEAN ECONOMIC AREA**

(to be drawn up on the applicant's/holder's letterhead paper)

Centre Scientifique et Technique du Bâtiment (CSTB)
Direction Hydraulique et Equipements Sanitaires, (HES)
Division Robinetterie et Appareils Sanitaires (RAS)
For the attention of Mr. Laurent Rousseau
84, avenue Jean Jaurès
Champs sur Marne
F-77447 Marne La Vallée Cedex 2

Subject: **Complementary application for the ECAU and/or EChAU rating (with a representative)**
Attachment(s): a technical file.

Dear Sir, Madam,

As holder of the ECAU and/or EChAU rating for the product(s) of our manufacture identified below:

- designation of the product(s):
- production unit:
- right of use granted on (date) and bearing the following number: (*number of valid certificate*)

I am writing to apply for the ECAU and/or EChAU rating for the following product/range of products that we manufacture:

- detailed list of the product/range of products:
- specific trade reference:

(*this information may be included in a list attached to this application*)

For an extension application, please provide the information below:

This product deviates from the certified product/range of products due to the following modifications: <description of the modifications>.

The product/range of products for which I am seeking an extension will replace the certified product listed above:

- NO (1);
- YES (1).

I declare that the products/product range covered by this application are, with relation to the other characteristics, strictly in conformity with the products/product range already certified and manufactured under the same conditions.

For this purpose, I declare that I have read and accept technical document 077 associated with this rating and undertake to comply with it and to inform my commercial network during the entire validity period of the ECAU and/or EChAU rating and in particular to comply without restrictions or reservations with the decisions made by CSTB.

Furthermore, I appoint the Company (company name), (company legal form), (registered office) represented by Mr/Ms (name of the legal representative) in that person's capacity as (position) to represent me in the European Economic Area for all matters relative to ECAU and/or EChAU ratings.

I undertake to immediately notify CSTB of any new appointment of the representative designated above.

In this regard, I request that the expenses that are to be borne by me be invoiced directly to the representative. They will make the payments on my behalf and in my name as soon as the invoices are received, as agreed when accepting the role of representative.

Yours faithfully,

**Date, signature and name in full
of the applicant's legal representative**
preceded by the handwritten wording "Approving
representation"

**Date, signature and name in full of the
representative in the European Economic Area**
preceded by the handwritten wording "Accepting
representation".

(1) Delete as appropriate.

STANDARD LETTER 4A
ECAU AND/OR EChAU RATINGS

**APPLICATION FORM FOR RENUNCIATION OF THE ECAU AND/OR EChAU RATING
FOR APPLICANTS LOCATED IN THE EUROPEAN ECONOMIC AREA**

(to be drawn up on the applicant's/holder's letterhead paper)

Centre Scientifique et Technique du Bâtiment (CSTB)
Direction Hydraulique et Equipements Sanitaires, (HES)
Division Robinetterie et Appareils Sanitaires (RAS)
For the attention of Mr. Laurent Rousseau
84, avenue Jean Jaurès
Champs sur Marne
F-77447 Marne La Vallée Cedex 2

Subject: **Application for renunciation of the ECAU and/or EChAU rating**

Dear Sir, Madam,

As holder of the ECAU and/or EChAU rating, I would like to renounce the ECAU and/or EChAU rating for the product(s) that we manufacture identified by the following references:

- designation of the product(s):
- manufacturing unit: (company name, address):
- brand name:
- commercial reference:
- date of ECAU and/or EChAU rating admission: or certificate No.:

for the following reasons:

-

for a maximum duration of 6 months, renewable once.

Manufacturing is due to cease on:

The inventories of these products with packaging marked ECAU or EChAU are the following:

The anticipated time it will take to deplete them is:

Yours faithfully,

**Date, signature and name in full of the holder's
legal representative**

STANDARD LETTER 4 B
ECAU AND/OR EChAU RATINGS

(to be drawn up on the distributor's letterhead)

**APPLICATION FOR RENUNCIATION OF THE ECAU AND/OR EChAU RATING WITH A REPRESENTATIVE
FOR APPLICANTS LOCATED OUTSIDE OF THE EUROPEAN ECONOMIC AREA**

For the attention of Mr Laurent Rousseau
Division Robinetterie et Appareils Sanitaires
(Tapware and Sanitaryware Division)
Direction HES
CSTB
84 avenue Jean Jaurès
CHAMPS-SUR-MARNE
77447 MARNE LA VALLEE CEDEX 2 (France)

Subject: **Application for renunciation** of the ECAU and/or EChAU rating **with a representative**

Dear Sir, Madam,

As holder of the ECAU and/or EChAU rating, I would like to renounce the ECAU and/or EChAU rating for the product(s) that we manufacture identified by the following references:

- designation of the product(s):
- manufacturing unit: (company name, address):
- brand name:
- commercial reference:
- date of ECAU and/or EChAU rating admission or admission no.:

for the following reasons:

Manufacturing is due to cease on:

The inventories of these products with packaging marked ECAU or EChAU are the following:

The expected time for their depletion is:

Yours faithfully,

**Date and signature of the holder's legal
representative**

**Date and signature of the representative in the
European Economic Area**

STANDARD LETTER 5A
ECAU AND/OR EChAU RATINGS

**APPLICATION FORM FOR SUSPENSION OF THE ECAU AND/OR EChAU RATING
FOR APPLICANTS LOCATED IN THE EUROPEAN ECONOMIC AREA**

(to be drawn up on the applicant's/holder's letterhead paper)

Centre Scientifique et Technique du Bâtiment (CSTB)
Direction Hydraulique et Equipements Sanitaires, (HES)
Division Robinetterie et Appareils Sanitaires (RAS)
For the attention of Mr. Laurent Rousseau
84, avenue Jean Jaurès
Champs sur Marne
F-77447 Marne La Vallée Cedex 2

Subject: **Application for suspension of the ECAU and/or EChAU ratings**

Dear Sir, Madam,

As holder of the ECAU and/or EChAU rating, I would like to request the suspension of the ECAU and/or EChAU rating for the product(s) that we manufacture identified by the following references:

- designation of the product(s):
- manufacturing unit: (company name, address):
- brand name:
- commercial reference:
- date of ECAU and/or EChAU rating admission: or certificate No.:

for the following reasons:

-

for a maximum duration of 6 months, renewable once.

Manufacturing is due to cease on:

The inventories of these products with packaging marked ECAU or EChAU are the following:

The anticipated time it will take to deplete them is:

Yours faithfully,

**Date, signature and name in full of the holder's
legal representative**

STANDARD LETTER 5B
ECAU AND/OR EChAU RATINGS

**APPLICATION FORM FOR SUSPENSION OF THE ECAU AND/OR EChAU RATING
FOR APPLICANTS LOCATED OUTSIDE OF THE EUROPEAN ECONOMIC AREA**

(to be drawn up on the applicant's/holder's letterhead paper)

Centre Scientifique et Technique du Bâtiment (CSTB)
Direction Hydraulique et Equipements Sanitaires, (HES)
Division Robinetterie et Appareils Sanitaires (RAS)
For the attention of Mr. Laurent Rousseau
84, avenue Jean Jaurès
Champs sur Marne
F-77447 Marne La Vallée Cedex 2

Subject: **Application for suspension of the ECAU and/or EChAU ratings (with a representative)**

Dear Sir, Madam,

As holder of the ECAU and/or EChAU rating, I would like to request the suspension of the ECAU and/or EChAU rating for the product(s) that we manufacture identified by the following references:

- designation of the product(s):
- manufacturing unit: (company name, address):
- brand name:
- commercial reference:
- date of ECAU and/or EChAU rating admission: or certificate No.:

for the following reasons:

-

for a maximum duration of 6 months, renewable once.

Manufacturing is due to cease on:

The inventories of these products with packaging marked ECAU or EChAU are the following:

The anticipated time it will take to deplete them is:

Yours faithfully,

**Date, signature and name in full of the holder's
legal representative**

**Date, signature and name in full of the
representative in the European Economic Area**

STANDARD SHEET 7
ECAU AND/OR ECHAU RATINGS

SPECIFIC ITEMS ALL APPLICANTS (INDUSTRIALISTS, IMPORTERS, DISTRIBUTORS, ETC.) MUST PRODUCE AS PART OF A NEW ADMISSION APPLICATION WHEN THE RATING HAS BEEN WITHDRAWN AS A RESULT OF A SANCTION

In the event of an act of deceptive commercial practice under Articles L 121-2 to L121-5 of the Consumer Code (indication of a false rating of a certified product or a false label).

The applicant is responsible for determining and carrying out a course of action that will fully address and remedy the causes and consequences of their commitments as regards the correct usage of the certification mark.

ACTIONS	MINIMUM PROOF TO BE SUPPLIED BY THE CSTB APPLICANT SHOWING THE ACTIONS THEY HAVE UNDERTAKEN TO FULLY ADDRESS AND REMEDY THE CAUSES AND CONSEQUENCES	VALIDITY OF THE PROOF RECEIVED
CURATIVE ACTIONS	<ul style="list-style-type: none"> A list of those affected including full contact details (customers, prospects, technical controllers, etc.) who have received false attestations/false certificates; failing that, a list of those affected (customers, prospects, technical controllers, etc.) who have been contacted over the preceding 24 months. 	<input type="checkbox"/> List sent <input type="checkbox"/> List not sent <i>Comments:</i>
	<ul style="list-style-type: none"> List of customers, including full contact details, who have received products with inappropriately marked packaging information; otherwise, the list of customers of the past 24 months. 	<input type="checkbox"/> List sent <input type="checkbox"/> List not sent <i>Comments:</i>
	<ul style="list-style-type: none"> Letter written by the Applicant's manager informing those affected of the invalidity of the false attestations/false certificates they have been sent. 	<i>CSTB will verify that this action has been carried out by contacting 5% of those affected or at least 5 customers and technical controllers.</i> <input type="checkbox"/> Letter of information duly implemented, corroborated by those affected <input type="checkbox"/> Letter of information not implemented or partially implemented <i>Comments:</i>
	<ul style="list-style-type: none"> Letter written by the Applicant's manager informing the customers of products that are inappropriately marked or products bearing the certification mark(s). 	<i>CSTB will verify that this action has been carried out by contacting 5% of the customers or at least 5 customers</i> <input type="checkbox"/> Letter of information duly implemented, corroborated by those affected <input type="checkbox"/> Letter of information not implemented or partially implemented <i>Comments:</i>
	<ul style="list-style-type: none"> Action undertaken against the person or persons responsible for approving and issuing the false attestations/false certificates and/or delivering inappropriately marked products. 	<input type="checkbox"/> Action is relevant <input type="checkbox"/> Action is not relevant <i>Comments:</i>

4 Prices

The purpose of this chapter is to determine the amount due for services related to the ECAU and EChAU ratings and describe the terms of payment.

The ECAU and EChAU ratings include the following services:

- Development, examination of application and implementation of ECAU and/or EChAU ratings;
- Operation of ECAU and/or EChAU ratings;
- Testing.

4.1 Services related to the ECAU and EChAU ratings

Nature of the service	Definition of the service	Paying for the services
<p><u>Management:</u> Development and implementation of ratings, examination of the rating application</p>	<p>Participation in the implementation of the ratings, including preparation of the associated technical document.</p> <p>Services including examination of application files, relations with applicants, laboratories and assessment of inspection results.</p>	<p>➤ <i>Initial/complementary application: See § 4.2.1</i></p>
<p><u>Management:</u> Rating operation</p>	<p>Services including management of rating files, relations with holders, laboratories, publication of ratings data on certificates, assessment of inspection results.</p>	<p>➤ <i>Monitoring: See § 4.2.2</i></p>
<p>Tests</p>	<p>Laboratories' testing services</p>	<p>The laboratories' price lists are provided upon request.</p> <p>The applicant/holder supplies samples free of charge and makes them available at the laboratory's address.</p> <p>The costs related to the import duties and taxes are to be borne by the test applicant; the applicant shall pay all duties and taxes before sending the samples.</p> <p>➤ <i>Initial/complementary application: See § 4.2.1</i></p> <p>➤ <i>Monitoring: See § 4.2.2</i></p>

4.2 Paying for the services

4.2.1 Initial application/complementary application

Management and testing fees related to examination services are invoiced in the framework of an initial or complementary ECAU and/or EChAU rating application. They are payable in one instalment, at the time at which the application is filed, for official registration.

Such fees will remain payable even if the ECAU and/or EChAU rating is not granted or extended or if the application is withdrawn during the examination.

4.2.2 Monitoring

Fees for annual services related to management and testing of ECAU and/or EChAU ratings are invoiced during the first quarter of each year and will remain payable in the event of non-renewal, withdrawal, cancellation or suspension of the ECAU and/or EChAU rating during the year.

4.2.3 Non-payment of amounts due

The applicant or holder of the ECAU and/or EChAU rating must pay all fees in accordance with the established terms of payment. Any failure on their part is an obstacle to the fulfilment by CSTB of the responsibilities of inspection and corrective action that are incumbent upon it hereunder.

If a first official notice by registered letter with acknowledgement of receipt does not result in the payment of all amounts due within one month, any established penalties may be applied for all of the products accepted for such holder.

4.3 Prices

Prices are reviewed annually, in the form of a price list drawn up by CSTB. This revision is reported by CSTB.

If holders refuse to recognise the annual revision of fees, they shall be deemed to have voluntarily terminated the ratings for their products.

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