



ASSAINISSEMENT GRAVITAIRE  
EN MATERIAUX THERMOPLASTIQUES

CERTIFICATION

# NF certification system administrative management appendix:

## GRAVITY DRAINAGE SYSTEMS MADE OF THERMOPLASTIC MATERIALS



Identification No.: 442  
Revision No.: Draft revision rev03  
Effective date: 21/12/2018

**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 03**

**TABLE OF CONTENTS**

<b>Partie 1</b>	<b>Obtaining certification .....</b>	<b>3</b>
1.1	Filing an initial admission application .....	3
1.2	Complementary admission application .....	5
1.3	Extension application .....	5
1.4	Maintenance application .....	6
1.5	Preliminary admission application for a “stand-by” plant .....	6
<b>Partie 2</b>	<b>Maintaining certification: terms and conditions for follow-up .....</b>	<b>7</b>
2.1	Conditions for follow-up inspection .....	7
2.2	Evaluation review and decision .....	8
2.3	Special case of the follow-up audit and issuance of a certificate for a “stand-by” plant .....	8
<b>Partie 3</b>	<b>Certification files .....</b>	<b>9</b>
3.1	Case of an initial admission application .....	9
3.2	Complementary admission application .....	9
3.3	Extension application .....	10
3.4	Maintenance application .....	10
3.5	New admission application subsequent to withdrawal of the right to use the NF mark .....	10
3.6	Preliminary admission application for a “stand-by” plant .....	10
<b>NF MARK GRAVITY DRAINAGE SYSTEMS MADE OF THERMOPLASTIC MATERIALS .....</b>		<b>20</b>
<b>TEMPLATE TECHNICAL FILE OF THE APPLICANT/HOLDER .....</b>		<b>20</b>
<b>1 - PRODUCTS PRESENTED .....</b>		<b>20</b>
<b>2. DEFINITION OF MANUFACTURING .....</b>		<b>20</b>
<b>2.1 Raw materials .....</b>		<b>20</b>
<b>2.2 Manufacturing conditions .....</b>		<b>20</b>
<b>3 - GENERAL CHARACTERISTICS OF THE MANUFACTURING UNIT .....</b>		<b>20</b>
<b>Technical file for an admission/follow-up application - TD5 .....</b>		<b>21</b>
<b>Partie 4</b>	<b>Prices .....</b>	<b>28</b>
4.1	Services relating to NF certification .....	28
4.2	Paying for the Services .....	29
4.3	Prices .....	30

**NF certification reference system Administrative management appendix to  
Gravity drainage systems made of thermoplastic materials (NF 442)  
Revision no.: 03**

---

## Partie 1 Obtaining certification

### 1.1 Filing an initial admission application

#### 1.1.1 SUBMITTING THE APPLICATION DOSSIER

The application shall be submitted in compliance with the conditions and templates provided in Part 3 (paragraph 3.1).

If the product comes from a manufacturing plant located outside the European Economic Area, the applicant shall designate a representative within the EEA as a joint signatory to the application.

When the application is received, the following procedure is initiated:

- an administrative and technical review of the request is undertaken;
- the assessment (audits and tests) is carried out;
- the assessment is reviewed;
- the decision is made.

#### 1.1.2 ADMINISTRATIVE AND TECHNICAL REVIEW OF THE APPLICATION

When the application dossier is received, CSTB verifies that:

- all documents requested in the application dossier are included;
- elements contained in the technical file respect the requirements in the certification reference system.

The request is only admissible if:

- the application letter is complete, signed and accompanied by the signed quote, where applicable;
- the applicant manages and assumes responsibility for the following stages: design, production, assembly, quality control, marking, packaging and marketing and specifies the critical points of the various steps;
- any aspect not carried out by the applicant shall be covered by a contract defining the respective responsibilities with the service provider. The applicant shall remain responsible for all the operations and for ensuring they are consistent;
- the products covered by the application comply with the reference standards and technical specifications set out in Part 2 of this certification reference system;
- the inspections and tests for the products covered by the application and specified in this certification reference system and technical documents No. 442-02 to 442-07 are implemented;
- all requested documents are enclosed with the application, in particular the contractual documents between the applicant/representative and the applicant/distributor, if applicable.

## **NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**

### **Revision no.: 03**

---

CSTB also ensures that it has all the ways and means to reply to the application and it may need to request additional information necessary for the admissibility of the dossier if the latter is incomplete.

Once the application is admissible, CSTB plans for the assessment and informs the applicant of the organisational procedures (auditor, audit duration, sites to be audited, laboratories, products to be sampled, etc.).

#### **1.1.3 EVALUATION METHODS**

There are generally two types of inspections performed within the framework of the NF mark:

- audits carried out at the production site(s);
- tests on the products.

#### **1.1.4 EVALUATION REVIEW AND DECISION**

The CSTB assesses the test and audit reports that are prepared and sent to the applicant (evaluation review).

The reports are accompanied, where appropriate, by deviation sheets, including a request for a proposal of corrective action by the applicant, within a prescribed time span.

In certain cases, a complementary inspection operation may be requested by CSTB, based on its analysis of the report.

For each irregularity, the applicant shall describe the actions implemented or planned with the time span for its application consistent with the deviation observed. The persons responsible for the actions to be implemented shall also be mentioned.

The holder must send its corrective actions to CSTB within the time frame indicated on the deviation sheets written by the auditor during his or her factory visit. If no reply is received by CSTB at the end of this time period, a reminder will be sent along with a formal notice for the holder to reply within the following 14 days; failing to reply will result in a suspension of the right to use the NF mark 442 being issued for the product in question.

The CSTB analyses the relevance of the reply and may ask for an additional test to be carried out to check that corrective actions have been set up (partial or complete audit and/or tests/documentation verification).

The CSTB may present an anonymous summary of all evaluation results to the Specific Committee for its opinion.

Depending on the results of the entire assessment, CSTB will make one of the following decisions:

- Renewal of the certification.
- Sanction in accordance with the general rules of the NF mark; the sanction goes from a suspension up to withdrawal of the right to use the NF mark.
- If the decision is favourable, AFNOR Certification shall renew the right to use the NF mark.
- After consulting the Specific Committee, a suspension of the right of use for an entire product range (group or family of products) may be accompanied by a ban on selling products in the manufacturer's stock made between the date when the non-

## NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442) Revision no.: 03

---

conformity(ies) was(were) detected and the date of notification of suspension. This ban may be lifted entirely or in part by an audit and/or tests performed in the Mark's laboratory, the aim being to check compliance of these in-stock products with the requirements.

In case of a positive certification decision, AFNOR Certification shall grant the right to use the NF mark and CSTB shall remit the NF certification to the applicant that, at this time, will become the holder of the right to use the NF mark.

The certificates are issued without a validity date.

The penalty is enforceable from the date of its notification.

The costs of additional verifications due to the penalties are to be borne by the holder.

The holders and their distributors are each responsible, within their respective roles, for the right to use the NF mark, relative to the product in question and undertake to apply the measures resulting from penalties, decided upon in accordance with the certification reference system.

Any suspension or any withdrawal of the right to use the NF mark results in a ban on using the NF mark or making reference to it. This obligation is valid not only for the holder but also for the entire sales network of its company, as well as for the dealers called upon to distribute its products. In the same way, any inadvertently non-compliant product and its packaging shall not be marked with the



logo or the logo shall be crossed out or covered up to eliminate any risk of confusion.

The catalogues and other documentation shall no longer mention the NF Mark for the product subject to a suspension or a withdrawal (erratum and/or reprinting).

The holder can contest the decision made by submitting a request in accordance with the NF general rules.

The applicant can contest the decision made by sending a request in accordance with the general rules of the NF mark.

The applicant can contest the decision made by sending a request in accordance with the General Rules of the NF mark. The applicant is entitled to present its case formally.

The granting of the right of use can in no way substitute CSTB's responsibility for the legal responsibility on the company that holds the NF mark usage right.

The holder can then provide information about its certification using the methods defined in Part 2 of the certification reference system.

### 1.2 Complementary admission application

The steps described in paragraph 1.1 above apply.

The application shall be submitted in compliance with the conditions and templates provided in Part 3 (paragraph 3.2).

### 1.3 Extension application

The steps described in paragraph 1.1 above apply.

**NF certification reference system Administrative management appendix to  
Gravity drainage systems made of thermoplastic materials (NF 442)  
Revision no.: 03**

---

The application shall be submitted in compliance with the conditions and templates provided in Part 3 (paragraph 3.3).

#### **1.4 Maintenance application**

The application shall be submitted in compliance with the conditions and templates provided in Part 3 (paragraph 3.4).

For distribution under other trademarks, it is acceptable to make certain presentation modifications to the products in question that have no functional effect. In this case, the holder must specify in the maintenance application the list of modifications made to the products in question.

The CSTB then makes sure that these modifications have no functional effect.

The Specific Committee is notified when CSTB issues decisions to maintain the right of use.

The company that distributes the certified products must provide CSTB with all the sales documents (catalogues, brochures, websites, etc.) that refer to these products and send updated documents as appropriate.

Inspections at retail sites (merchants, DIY superstores, etc.) are carried out yearly for products that are the subject of an application to maintain the right to use the mark, excluding all maintenance applications made by a non-distributor certified manufacturer that holds the certificate for the original product.

#### **1.5 Preliminary admission application for a “stand-by” plant**

See Technical Document No. 442-08.



**NF certification reference system Administrative management appendix to  
Gravity drainage systems made of thermoplastic materials (NF 442)  
Revision no.: 03**

---

## Partie 2

# Maintaining certification: terms and conditions for follow-up

Throughout the certification period, the holder shall:

- comply with the requirements and marking procedures described in Part 2 of the certification reference system;
- update its certification file using the models supplied in Part 3 of this Appendix;
- systematically inform CSTB of any modification to one of the characteristics of the certified product and/or of its organisation that is likely to have an impact on the certification.

In addition, CSTB reserves the right to carry out any controls (visits, tests, verifications, etc.) it deems necessary as a result of:

- a modification affecting the certified product or the quality organisation of the manufacturing entities (manufacturing plant, production workshops, subcontractors' plants, etc.);
- complaints, disputes, legal actions, etc. of which it becomes aware, related to use of the NF mark;
- checks (including sampling) may be made in retail sites.

In cases of disputes with users, the inspections may include taking samples or completing tests on the utilisation premises (in this case, the holder is requested to be represented so as to witness the operations).

### 2.1 Conditions for follow-up inspection

The monitoring of the certified products includes follow-up audits of the production unit(s) and tests on the products.

It also includes monitoring the use of the mark and the logo(s) on the products, packaging and on all communication media.

The follow-up conditions (for audits and tests) depend on the following:

- whether or not the holder has ISO 9001 certification, in compliance with Part 2 of this certification reference system;
- decisions made following previous inspections (audits and tests);
- any applicable reductions.

Before initiating the follow-up process, CSTB completes an administrative and technical review of the certification dossier to make sure no modifications affecting certification need to be taken into account.

**NF certification reference system Administrative management appendix to  
Gravity drainage systems made of thermoplastic materials (NF 442)  
Revision no.: 03**

---

## **2.2 Evaluation review and decision**

The CSTB assesses the test and audit reports that are prepared and sent to the holder (evaluation review).

The reports are accompanied, where appropriate, by deviation sheets, including a request for a proposal of corrective action by the holder, within a prescribed time span.

In certain cases, a complementary inspection operation may be requested by CSTB, based on its analysis of the report.

For each deviation, the holder shall describe the actions implemented or planned with the time span for their application consistent with the deviation observed. The persons responsible for the actions to be implemented shall also be mentioned.

The CSTB analyses the pertinence of the reply and can request the implementation of an additional check.

The CSTB may anonymously submit to the Specific Committee, for approval, a summary of all the assessment results and the assessment conclusions.

Depending on the results of all the inspections, CSTB issues a decision on the assessment and notifies the holder of its findings, which may be:

- a certificate maintenance decision, or
- a sanction decision in accordance with the General Rules of the NF mark.

In the event of a sanction, this will be enforced dating from its notification. The choice of sanction depends on the severity of the observed deviation. The sanction notifications that affect the usage right are signed by CSTB Management.

The costs of additional verifications due to the penalties or after analysing the reports are to be borne by the holder.

The holders and their distributors that benefit from the right to use the mark being maintained are each responsible for the right to use the NF mark relative to the product considered and undertake to apply the measures resulting from the penalties, decided upon in accordance with the certification reference system.

Any suspension or any withdrawal of the right to use the NF mark entails a ban on using the NF mark and making reference to it. This obligation is valid not only for the holder but also for the entire sales network of its company, as well as for the dealers called upon to distribute its products.

All the documentation (technical and sales documents, labels, notices, advertising, websites, etc.) shall no longer mention the NF mark for the product subject to a suspension or a withdrawal (erratum and/or reprinting).

The holder can contest the decision made by submitting a request in accordance with the General Rules of the NF mark. The applicant is entitled to present its case formally.

## **2.3 Special case of the follow-up audit and issuance of a certificate for a “stand-by” plant**

See Technical Document No. 442-08.



**NF certification reference system Administrative management appendix to  
Gravity drainage systems made of thermoplastic materials (NF 442)  
Revision no.: 03**

---

## Partie 3 Certification files

The application for the right to use the mark must be drawn up by the applicant/holder in one copy in accordance with the examples and templates set out below. One original of this request shall be made on the applicant's letterhead paper in French and the entire application shall be sent to CSTB.

If the product comes from a manufacturing unit located outside the European Economic Area, the applicant designates a delegate within the European Economic Area who co-signs the application.

An application concerning a product that has a foreign conformity mark or from a test certificate issued by a foreign laboratory is processed taking into account any existing recognition agreements, in accordance with the General Rules of the NF mark.

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

### 3.1 Case of an initial admission application

Applicants prepare a dossier to include:

- an application and commitment letter using standard letter 1, in French;
- a general information sheet concerning the applicant, as per standard sheet 3;
- An information sheet concerning the product / product Group / product range in accordance with the definition given in Part 1 of the certification reference system and established using standard sheet 4;
- Additional elements set out in standard sheet 5 (specific to the application).

The application is to be formulated in 1 original on the applicant's letterhead. The technical file is to be submitted in 1 copy. All the documents are to be remitted to CSTB.

#### **Case of TD5 admission applications:**

- Standard sheet (data sheet) 6 and its appendices:
  - o A dimensioned cross section of the face of all main components (tapers, riser shafts, bases),
  - o Schematic diagram of all base configurations,
  - o Dimensioned cross-section of seals

### 3.2 Complementary admission application

Holders prepare a dossier that includes:

- an application and commitment letter in accordance with standard letter 1.
- a general information sheet concerning the applicant, as per standard sheet 3;
- one data sheet per product according to standard sheet 4.

The application is to be formulated in 1 original on the applicant's letterhead. The technical file is to be submitted in 1 copy. All the documents are to be remitted to CSTB.

**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 03**

---

### **3.3 Extension application**

Holders prepare a dossier that includes:

- an application and commitment letter from the holder in accordance with standard letter 2A;
- one data sheet per product according to standard sheet 4.
- possible additional elements indicated in standard sheet 5.

The application is to be formulated in 1 original on the applicant's letterhead. The technical file is to be submitted in 1 copy. All the documents are to be remitted to CSTB.

### **3.4 Maintenance application**

Holders prepare a dossier that includes:

- an application and commitment letter from the holder in accordance with standard letter 2B;
- a distributor's commitment sheet (signed) on its Company's letterhead, in accordance with standard letter 2B (cont'd);
- the distributor's sales literature (instructions or catalogue excerpt) relating to the products concerned, in French or English.

The application is to be formulated in 1 original on the applicant's letterhead. The technical file is to be submitted in 1 copy. All the documents are to be remitted to CSTB.

### **3.5 New admission application subsequent to withdrawal of the right to use the NF mark**

Holders prepare a dossier that includes:

- an application and commitment letter in accordance with standard letter 1;
- a general information sheet concerning the applicant, as per standard sheet 3;
- one data sheet per product as per standard sheet 4;
- possible additional elements indicated in standard sheet 5;
- specific items all applicants must submit as part of a new admission application where the usage right has been withdrawn as a result of a sanction in accordance with standard sheet 7.

### **3.6 Preliminary admission application for a “stand-by” plant**

See Technical Document No. 442-08.

**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442) Revision no.: 03**

**STANDARD LETTER 1**  
**NF MARK - Gravity drainage systems made of thermoplastic materials**

**APPLICATION FORM FOR THE RIGHT TO USE THE NF MARK  
OR FOR EXTENDING THIS RIGHT TO A NEW PRODUCT (COMPLEMENTARY ADMISSION)**

(to be composed on the applicant's/holder's letterhead)

Centre Scientifique et Technique du Bâtiment  
Direction HES  
Division CANALISATIONS  
84, avenue Jean Jaurès  
Champs sur Marne  
F-77447 Marne La Vallée Cedex 2

Subject: **Admission application for the right to use the NF mark - Gravity drainage systems made of thermoplastic materials / Complementary admission application for the right to use the NF mark - Gravity drainage systems made of thermoplastic materials <sup>(1)</sup>**

Dear Sir/Madam,

I am writing to apply for the right to use the NF mark:

- for the following product / range of products:..... (detailed list pertaining to the product / range of products or specifying "as set out in the list included with this application");
- manufactured at the following manufacturing unit: ..... (company name, address);
- and for the following trade name: ..... (brand name and/or specific retail product name, which may be on the list included with this application).

For that purpose, I declare that I am familiar with and accept the General Rules of the NF mark - Gravity drainage systems made of thermoplastic materials and the certification reference system of the NF mark; I undertake to comply with them and to inform my commercial network throughout the duration of usage of the NF mark and, in particular, to comply with the decisions made, without any restriction or reservation, in accordance with the General Rules of the NF mark and with the certification reference system of the NF mark - Gravity drainage systems made of thermoplastic materials.

<sup>(2)</sup> *<Optional>: <And furthermore, I delegate to the Company (company name) (company legal form), (registered office), represented by (Mr/Ms)\* (name of the legal representative) in that person's capacity (position) to represent me in the European Economic Area for all questions relative to the use of the NF mark - Gravity drainage systems made of thermoplastic materials*

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

*For this purpose, I request that the expenses that are to be borne by me be invoiced directly to him or her. My representative will make the payments on my behalf and in my name as soon as the invoices are received, as agreed upon accepting the role of representative.>*

Yours faithfully,

**Date and signature of the Applicant's/Holder's  
Legal Representative**

**<sup>(2)</sup> Date and signature of the Representative  
in the European Economic Area**  
Preceded by the handwritten words  
"Fit for acceptance of representation"

<sup>(1)</sup> Delete as appropriate

<sup>(2)</sup> Only applies to applicants or holders located outside the European Economic Area (EEA).

**NF certification reference system Administrative management appendix to  
Gravity drainage systems made of thermoplastic materials (NF 442)  
Revision no.: 02**

**STANDARD LETTER 2A**

**NF MARK - Gravity drainage systems made of thermoplastic materials**

**APPLICATION FORM FOR EXTENSION OF THE RIGHT TO USE THE NF MARK FOR A MODIFIED  
PRODUCT**

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

Centre Scientifique et Technique du Bâtiment  
Direction HES  
Division CANALISATIONS  
84, avenue Jean Jaurès  
Champs sur Marne  
F-77447 Marne La Vallée Cedex 2

Subject: **Extension application for the right to use the NF mark - Gravity drainage systems made of thermoplastic materials for a modified product**

Dear Sir/Madam,

As the holder of the NF mark — <name of application> for the product of my manufacture, identified under the following references:

- name of the product / range of products:
- manufacturing unit:
- brand name:
- specific retail product name:
- right of use granted on (date) and bearing the following number:

I am writing to apply for the right to use the NF mark for the product / product range I manufacture, derived from the certified product / product range with the following modifications:

The product / product range 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 product / product range already certified and manufactured under the same conditions.

For that purpose, I declare that I am familiar with and accept the General Rules of the NF mark - Gravity drainage systems made of thermoplastic materials and the certification reference system of the NF mark; I undertake to comply with them and to inform my commercial network throughout the duration of usage of the NF mark and, in particular, to comply with the decisions made, without any restriction or reservation, in accordance with the General Rules of the NF mark and with the certification reference system of the NF mark - Gravity drainage systems made of thermoplastic materials.

Yours faithfully,

**Date and signature of the Holder's Legal Representative**

**Date and signature of the Representative in the European Economic Area <sup>(2)</sup>**

<sup>(1)</sup> Delete as appropriate

<sup>(2)</sup> Only applies to applicants located outside the European Economic Area.

**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 02**

**STANDARD LETTER 2B**  
**NF MARK - Gravity drainage systems made of thermoplastic materials**

**MAINTENANCE APPLICATION FORM FOR THE RIGHT TO USE THE NF MARK**

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

Centre Scientifique et Technique du Bâtiment  
 Direction HES  
 Division CANALISATIONS  
 84, avenue Jean Jaurès  
 Champs sur Marne  
 F-77447 Marne La Vallée Cedex 2

Subject: **Maintenance application for the right to use the NF mark - Gravity drainage systems made of thermoplastic materials**

Dear Sir/Madam,

I would like to apply for the right to use the NF mark to be maintained on products that are no different from those already covered by the mark other than by their brand names and/or their specific retail product names affixed thereto and where applicable by design changes that do not alter their certified features in any way whatsoever.

Identification of the products covered by the NF mark		Brand name and/or specific retail product name requested by the distributor
Certificate no.	Name and reference of the holder's product	

The company that will distribute these products (distributor) under the following brand name **<new brand name requested>** has the following contact information:

Name: .....

Address: .....

I commit to providing the abovementioned distributor with the certification reference system for the NF mark – Gravity drainage systems made of thermoplastic materials and, in particular, with the marking provisions laid down in § 2.6 of that certification reference system.

I undertake to immediately inform CSTB of any changes made to the distribution of these products and, in particular, in the event of any discontinuation of supply to the abovementioned distributor.

For that purpose, I declare that I am familiar with and accept the General Rules of the NF mark - Gravity drainage systems made of thermoplastic materials and the certification reference system of the NF mark; I undertake to comply with them and to inform my commercial network throughout the duration of usage of the NF mark and, in particular, to comply with the decisions made, without any restriction or reservation, in accordance with the General Rules of the NF mark and with the certification reference system of the NF mark - Gravity drainage systems made of thermoplastic materials.

I authorise CSTB to inform the abovementioned distributor of any penalties made in accordance with the certification reference system of the NF mark – Gravity drainage systems made of thermoplastic materials, pertaining to the certified products hereunder covered.

Please find attached a copy of the commitment sheet signed by the distributor **<name of Company>** to distribute under the brand name and/or the specific retail product name only those certified products that I have delivered to it.

Yours faithfully,

**Date and signature of the legal representative of the holder, maintenance applicant**

**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 02**

**STANDARD LETTER 2B (cont'd)**  
**NF MARK - Gravity drainage systems made of thermoplastic materials**

**DISTRIBUTOR'S COMMITMENT SHEET (SIGNATURE)**  
 (to be drawn up on the distributor's letterhead)

I the undersigned .....  
 acting in my capacity as: ..... (MD, Chairman, CEO, etc.)  
 the registered office of which is located at: .....  
 SIRET No.: .....

hereby agree:

- to make no technical changes, in particular any affecting the nature and/or operational features of the certified products named below:

Identification of the products covered by the NF mark		Brand name and/or specific retail product name requested by the distributor
Certificate no.	Name and reference of the holder's product	

- to make no alterations likely to modify the certified features of the products manufactured by the company <holder> such as <details of alterations>. Any subsequent alteration must be reported beforehand to CSTB for approval and the holder must also agree;
- not to change the abovementioned brand names and/or specific retail product names unless agreed with the holder of the right to use the NF mark and after having previously notified CSTB by registered letter with acknowledgement of receipt;
- to distribute under the brand names and/or specific trade references only the products delivered by the company <holder>;
- not to make any modification to the marking of the products, implemented by the holder in accordance with the provisions of the certification reference system for the NF mark - Gravity drainage systems made of thermoplastic materials;
- to cooperate with CSTB in all verifications relating to the products covered by this document and to the sale of said products and to provide CSTB with all documentation that refers to these products;
- To apply the measures resulting from sanctions imposed in accordance with the certification reference system of the NF mark - Gravity drainage systems made of thermoplastic materials;
- To pay the admission fees provided for in the NF mark price list and to make all subsequent payments required from me in accordance with the certification reference system of the NF mark - Gravity drainage systems made of thermoplastic materials;
- To inform the holder of any complaint received pertaining to the certified products.

I declare that I am familiar with and accept the General Rules of the NF mark - Gravity drainage systems made of thermoplastic materials and the certification reference system of the NF mark; I undertake to comply with them and to inform my commercial network throughout the duration of usage of the NF mark and, in particular, to comply with the decisions made, without any restriction or reservation, in accordance with the General Rules of the NF mark and with the certification reference system of the NF mark - Gravity drainage systems made of thermoplastic materials.

Yours faithfully,

**Date and signature of the legal representative of the distributor, maintenance beneficiary**



**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 02**

**STANDARD SHEET 3**  
**NF MARK - Gravity drainage systems made of thermoplastic materials**

**APPLICANT GENERAL INFORMATION SHEET**

**PRODUCTION UNIT:**

- Company name: \_\_\_\_\_
- Address: \_\_\_\_\_
- Country: \_\_\_\_\_
- Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_
- SIRET No. (1): \_\_\_\_\_ NAF Code (1): \_\_\_\_\_
- Name and capacity of the legal representative (2): \_\_\_\_\_
- Name and capacity of the contact person (if different): \_\_\_\_\_
- VAT identification number (3): \_\_\_\_\_
- Email address: \_\_\_\_\_
- Website: \_\_\_\_\_
- Certified quality management system (4):  ISO 9001

**MANUFACTURER (if different from the manufacturing unit):**

- Company name: \_\_\_\_\_
- Address: \_\_\_\_\_
- Country: \_\_\_\_\_
- Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_
- SIRET No. (1): \_\_\_\_\_ NAF Code (1): \_\_\_\_\_
- Name and capacity of the legal representative (2): \_\_\_\_\_
- Name and capacity of the contact person (if different): \_\_\_\_\_
- VAT identification number (3): \_\_\_\_\_
- Email address: \_\_\_\_\_
- Website: \_\_\_\_\_

**REPRESENTATIVE (if requested):**

- Company name: \_\_\_\_\_
- Address: \_\_\_\_\_
- Country: \_\_\_\_\_
- Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_
- SIRET No. (1): \_\_\_\_\_ NAF Code (1): \_\_\_\_\_
- Name and capacity of the legal representative (2): \_\_\_\_\_

**NF certification reference system Administrative management appendix to  
Gravity drainage systems made of thermoplastic materials (NF 442)  
Revision no.: 02**

---

- Name and capacity of the contact person (if different):

- VAT identification number (3):

- Email address:

- Website:
- 

**CONSULTANCY SERVICES:**

If CSTB has undertaken any consultancy work for your company in the 2 years prior to this admission application, please specify:

- The designation of the consultancy service:
  - The name of your contact at CSTB:
- 

(1) Only for French companies.

(2) The Legal Representative is the individual who is legally responsible.

(3) Applies to European manufacturers.

(4) Include a copy of the certificate.

**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 02**

**STANDARD SHEET 4**  
**NF MARK - Gravity drainage systems made of thermoplastic materials**

**PRODUCT INFORMATION SHEET**

**NAME OF THE APPLICANT/HOLDER:**

**MANUFACTURING UNIT:**

**TRADE NAME OF THE PRODUCT**

- **BRAND NAME:**
- **SPECIFIC RETAIL PRODUCT NAME (WHERE APPLICABLE):**
- **BUSINESS NAME (OPTIONAL):**

Nominal external diameter DNOD/DNID* (mm)	Nominal thickness (mm)	Stiffness class	Type of assembly (sealing ring or solvent-welding)

\*: For structured-wall piping with profiled external and smooth internal surface.

**Date and signature of the applicant/holder**

**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 02**

**STANDARD SHEET 4**  
**NF MARK - Gravity drainage systems made of thermoplastic materials**

**PRODUCT INFORMATION SHEET**

**NAME OF THE APPLICANT/HOLDER:**

**MANUFACTURING UNIT:**

**TRADE NAME OF THE PRODUCT**

- **BRAND NAME:**
- **SPECIFIC RETAIL PRODUCT NAME (WHERE APPLICABLE):**
- **BUSINESS NAME (OPTIONAL):**

Description	Angle	Orifice: M = Male F= Female	Dimensions	Stiffness class	Type of assembly (sealing ring or solvent-welding)

**Date and signature of the applicant/holder**

**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 02**

**STANDARD SHEET 4**  
**NF MARK - Gravity drainage systems made of thermoplastic materials**

**PRODUCT INFORMATION SHEET**

**NAME OF THE APPLICANT/HOLDER:**

**MANUFACTURING UNIT:**

**TRADE NAME OF THE PRODUCT**

- **BRAND NAME:**
- **SPECIFIC RETAIL PRODUCT NAME (WHERE APPLICABLE):**
- **BUSINESS NAME (OPTIONAL):**

Description	Nominal diameter of the shaft	Angle of the shaft	Nominal diameter of inlets	Nominal diameter of outlets	Fitting angle	Type of assembly (sealing ring or solvent-welding)

**Date and signature of the applicant/holder**

**NF certification reference system Administrative management appendix to  
Gravity drainage systems made of thermoplastic materials (NF 442)  
Revision no.: 02**

---

**STANDARD SHEET 5**

**NF MARK - Gravity drainage systems made of thermoplastic materials**

**NF MARK GRAVITY DRAINAGE SYSTEMS MADE OF THERMOPLASTIC  
MATERIALS**

**TEMPLATE TECHNICAL FILE OF THE APPLICANT/HOLDER**

The application for authorisation to affix the NF mark can only be validly taken into account if all the information below has been supplied by the applicant/holder.

**1 - PRODUCTS PRESENTED**

Refer to the PRODUCT sheet (sheet 004).

**2. DEFINITION OF MANUFACTURING**

**2.1 Raw materials**

- nature, origin and designation of the raw materials used,
- nature, origin and type of seals used,
- nature of controls performed on raw materials,
- if using externally recycled materials for TD 3, 4 and 5: declaration of the source of the material used.

**2.2 Manufacturing conditions**

- description of the main phases of manufacture.

**3 - GENERAL CHARACTERISTICS OF THE MANUFACTURING UNIT**

- other production and parts represented by the products covered by the NF mark and/or that are the subjects of the application,
- other possible quality mark(s) on products that are the subject of the application,
- manufacturing unit organisation chart.

**4. QUALITY CONTROL AND ORGANISATION**

If the quality assurance system is certified by a third party for the product chain in question, the certificate must be included in the technical file.

The application must prove compliance of the quality assurance system with the specifications in § 2.3 of this certification reference system.



**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 02**

**STANDARD SHEET 6**  
**NF MARK - Gravity drainage systems made of thermoplastic materials**

**Technical file for an admission/follow-up application - TD5**

**Inspection chambers and manholes produced by means of injection-moulding or rotomoulding**

**Shaft DN XXX**

**XXXX – Factory of XXXX**

**1. INTRODUCTION - DESCRIPTION OF THE RANGE**

Shaft DN (mm)	Number of inlets	Connection angles	Inlet/outlet DN (mm)

**Pipe fittings: (type of connection enabled by the manhole or inspection chamber)**

- To be filled out by the applicant.

**2. PRODUCT COMPLIANCE WITH REFERENCE STANDARDS**

- NF EN 476: March 2011  Yes  No
- NF EN 13598-2: March 2009  Yes  No

**3. FINITE ELEMENT METHOD**

Mechanical characteristics of the material, on the manufactured product, declared for finite element analysis:

Material XXXX	Modulus of elasticity (MPa)	Poisson's ratio	Yield strength (MPa)	Compression rate at 2 years
<b>TAPER</b>				
<b>RISER SHAFT</b>				
<b>BASE</b>				

Dividing slab: diameter, thickness, mass:

**Reference for computer system plans submitted to CSTB or reference for the finite element analysis:**

- To be filled out by the applicant.

**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 02**

**4. RAW MATERIAL: REQUIREMENTS OF CERTIFICATION REFERENCE SYSTEM NF 442 (REV. IN FORCE)**

		<b>Material XXXX Initial characteristics</b>	<b>Initial material requirements respected</b>	<b>Material XXXX Finished product characteristics</b>	<b>Finished product requirements respected</b>
<b>PP</b>	Density	/	/	/	/
	MFR (230°C – 2.16 kg)	≤ 20	<input type="checkbox"/> Yes <input type="checkbox"/> No	/	/
	Thermal stability	/	/	≥ 8 min	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>PE</b>	Density	≥ 925 kg/m <sup>3</sup>	<input type="checkbox"/> Yes <input type="checkbox"/> No	/	/
	MFR (190°C – 5 kg)	≤ 10	<input type="checkbox"/> Yes <input type="checkbox"/> No	/	/
	Thermal stability	/	/	≥ 10 min	<input type="checkbox"/> Yes <input type="checkbox"/> No

**5. DIVIDING SLAB**

	<b>Dividing slab</b>
Supplier	
Dimensional drawing	
Mass	
External diameter	mm
Thickness	mm
Specifications	Concrete strength, density of rebar
Type testing	Third party laboratory test report reference
Identification	
Documentation	Check that it is in the commercial offer

**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 02**

---

**6. DIMENSIONAL CHARACTERISTICS**

**Schematic diagrams:**

Schematic diagrams must be added for each product:

- General schematic,
- Schematic of various components,
- Diametral cross-section with the location of rebar, if necessary,
- Schematic diagram of bases,
- Control thickness on a cutting plane.

**Data tables:**

Material XXXX		
Minimum internal diameter of the Riser Shaft	Minimum internal diameter of the Taper (Manhole)	Slope of the benching (%)

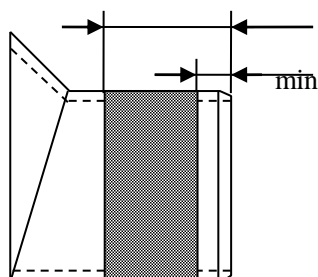
**Rotomoulded manholes**

**External diameter tolerances of rotomoulded manhole spigots made for connection to pipes fitted with seals according to standards NF EN 1401-1, NF EN 13476-2, NF EN 1852-1 and NF EN 12666-1.**

The length of the tolerance zone (shaded area) is defined according to the diagram below:

DN	Values		Length of the tolerance zone	
	Min	Max	Min	Max
110	109.0	110.4	32	60
125	124.0	125.4	35	64
160	159.0	160.5	42	81
200	199.0	200.6	50	99
250	249.0	250.8	55	125
315	313.8	316.0	62	132
400	398.6	400.9	70	150
450	448.2	451.6	75	155
500	498.0	502.0	80	160

**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 02**



**Manholes with steps**

	Requirements of standards NF EN 476, EN 13101, NF EN 13598-2	Compliance with requirements
Size of the projection from the face of the riser shaft	> 120 mm to the axis of the step	<input type="checkbox"/> Yes <input type="checkbox"/> No
Vertical spacing between two steps	250 to 350 mm	<input type="checkbox"/> Yes <input type="checkbox"/> No

**7. SEAL CHARACTERISTICS**

Elastomer sealing ring quality must comply with Standard NF EN 681-1 or NF EN 681-2.

Joints	Suppliers	References
Taper / Riser shaft		
Riser shaft / Base		
Inlets		
Outlets		

**8. SAFETY FEATURES: STEPS AND LADDERS**

Characteristics of raw materials for **STEPS** and **LADDERS**:

- To be filled out by the applicant.

**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 02**

---

**9. LIMIT ON USE**

Characteristics related to the field of use	
Maximum burial depth (calculated)	m
Heights	m
	m
	m
Test report reference for the finite element analysis justifying the maximum burial depth	
Test report reference for the type of dividing slab	

**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 02**

**STANDARD SHEET 7**  
**NF MARK - Gravity drainage systems made of thermoplastic materials**

**SPECIFIC ITEMS THAT ALL APPLICANTS (INDUSTRIALISTS, IMPORTERS, DISTRIBUTORS, ETC.) MUST PRODUCE AS PART OF A NEW ADMISSION APPLICATION WHERE THE USAGE RIGHT HAS BEEN WITHDRAWN AS A RESULT OF A SANCTION**

1. Deceptive marketing practices in application of Articles L 121-1 and subsequent articles from the Consumer Code as well as deception in application of Article L 155-30 of the Consumer Code (issuance of a false attestation and/or a false certificate indicating the products are CSTB-certified when they are not)  
 Failure to meet commitments as regards the correct usage of the certification mark

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

ACTIONS	AS A 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
<b>CURATIVE ACTIONS</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<input type="checkbox"/> List sent <input type="checkbox"/> List not sent <i>Comments:</i>
	<ul style="list-style-type: none"> <li>A list of customers including full contact details who have taken delivery of inappropriately marked products or who have been presented with the mark certification(s); failing that, a list of customers during the preceding 24 months.</li> </ul>	<input type="checkbox"/> List sent <input type="checkbox"/> List not sent <i>Comments:</i>
	<ul style="list-style-type: none"> <li>Letter written by the Applicant's manager informing those affected of the invalidity of the false attestations/false certificates they have been sent.</li> </ul>	<i>The 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 and corroborated by those affected <input type="checkbox"/> Letter of information not implemented or partially implemented <i>Comments:</i>
	<ul style="list-style-type: none"> <li>Letter written by the Applicant's manager informing the customers of products that are inappropriately marked or products bearing the certification mark(s).</li> </ul>	<i>The 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"> <li>Action undertaken against the person or persons responsible for approving and issuing the false attestations/false certificates and/or delivering inappropriately marked products.</li> </ul>	<input type="checkbox"/> Action relevant <input type="checkbox"/> Action not relevant <i>Comments:</i>



**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 02**

ACTIONS	AS A 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
CORRECTIVE ACTION	<ul style="list-style-type: none"> <li>• Proof that all the personnel in the company have been informed/made aware of the deceptive marketing practices (e.g. signed attendance record, informative media, etc.).</li> </ul>	<input type="checkbox"/> Relevant proof <input type="checkbox"/> Non-relevant proof <i>Comments:</i>
	<ul style="list-style-type: none"> <li>• Ethical rules.</li> </ul>	<input type="checkbox"/> Defined <input type="checkbox"/> Not defined <i>Comments:</i>
	<ul style="list-style-type: none"> <li>• Commitment by all the personnel in the company to abide by the ethical rules (e.g. employment contract, individual commitments, etc.).</li> </ul>	<input type="checkbox"/> Commitments available <input type="checkbox"/> Commitments not available <i>Comments:</i>
	<ul style="list-style-type: none"> <li>• Scheduling of internal audits on the observance of the ethical rules:  * first internal audit to be scheduled within three months of the date of CSTB admission application, at the latest,  * internal audits to be scheduled once a year.</li> </ul>	<input type="checkbox"/> Scheduling in compliance <input type="checkbox"/> Scheduling not in compliance <i>Comments:</i>
	<ul style="list-style-type: none"> <li>• Letter from the company manager committing to:  * grant CSTB auditor access to the contact details of all those in receipt of proposals so that a sample of the items received can be examined by CSTB for a period of two years;  * agree to being invoiced for two additional auditing days over the course of the year at the applicable rate;  Note: the purpose of this audit is to verify the effectiveness of the implementation of the actions on a documentary and in situ basis.</li> </ul>	<input type="checkbox"/> Letter of commitment available <input type="checkbox"/> Letter of commitment not available <i>Comments:</i>
PREVENTIVE ACTION	<ul style="list-style-type: none"> <li>• Where applicable, proof of diffusion of the ethical charter in the company's subsidiaries.</li> </ul>	<input type="checkbox"/> Relevant proof <input type="checkbox"/> Non-relevant proof <i>Comments:</i>

- All the actions required are available, defined, relevant or in compliance. The admission application can proceed.
- Not all the required actions are available. The admission application cannot proceed.

ANALYSIS CARRIED OUT BY (Name of the manager and/or application manager):  
DATE: \_\_ / \_\_ / \_\_\_\_ SIGNATURE:

VALIDATED BY THE OPERATIONS DIRECTOR (Name):  
DATE: \_\_ / \_\_ / \_\_\_\_ SIGNATURE:

**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 02**

## Partie 4

### Prices

The purpose of this part is to define the total cost of NF certification-related services due and to describe the terms of payment.

NF certification includes the following services:

- Development and implementation of an application (field of application);
- Examination of the certification application;
- Processing of the certification application;
- Tests;
- Audits;
- Sampling;
- Right to use the NF mark;
- Complementary or supplementary checks;
- Promotion.

#### 4.1 Services relating to NF certification

Nature of the service	Definition of the service	General terms and conditions
Development and implementation of an application.	Participation in the implementation of the NF mark, including the preparation of the certification reference system.	This service is paid by the applicant when it makes its initial application for the right to use the NF mark. The fee for this service remains due even if the right to use the NF mark is not awarded or if the application is abandoned during the examination.
Examination of the certification application.	Services including examination of the application dossiers and relationships with the applicants, laboratories and auditors as well as assessment of the results of the checks.	These services are invoiced when the application is received. It is a single flat amount. The fee for these services remains due even if the right to use the NF mark is not awarded or if the application is withdrawn during the examination.
Processing of the certification application.	Services include processing the dossiers of certified products and their holders, preparing of lists of certified products, assessing the results of verifications.	

**NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**  
**Revision no.: 02**

Nature of the service	Definition of the service	General terms and conditions
Tests	Laboratories' testing services.	The laboratories' price lists are provided upon request. The fee for these services remains due even if the right to use the NF mark is not awarded or if the application is withdrawn during the examination.
Audits	Services including preparing for the audit, the audit itself as well as the report. Travel expenses are to be added to these services.	The fee for these services remains due even if the right to use the NF mark is not awarded or renewed.
Sampling	Services including preparation and the sampling itself.	The minimum amount invoiced will be a half day if sampling is carried out outside the ambit of the audit.
Fee for the right to use the NF mark	This usage right contributes to: <ul style="list-style-type: none"> <li>- protection of the NF mark: registration and protection of the mark, legal counsel, appeals process and dealing with wrongful usage (justice costs);</li> <li>- the generic promotion of the NF mark;</li> <li>- the general operation of the NF mark (management of the NF mark governing bodies, quality system, etc.).</li> </ul>	The annual fee for the right to use the NF Mark is invoiced to the holder after certification of a product. Whenever the NF mark is granted during the year, the amount of the usage fee is prorated for the number of months following the decision to grant the right of use. The fee for using the NF mark will not be refunded even if the right to use it is withdrawn or suspended during the year.
Complementary / supplementary checks.	Services required by the additional checks or complementary verification tests that may turn out to be necessary following insufficiencies or anomalies detected by the routine checks.	The costs of these services are to be borne by the applicant/holder according to the existing rates, provided upon request.
Inspection at the retail site of products under a maintenance application	Inspection carried out in the retail site of the products distributed under a maintenance application (for holders/distributors only).	The costs of these services are to be borne by the distributor-holder maintaining the right to use the NF Mark, at existing rates, which can be provided on request.
Inspection at the retail site of NF-certified products	Inspection conducted at the retail site of certified products	The costs of these services are to be borne by the holder of the right to use the NF Mark, at existing rates, which can be provided on request.
Promotion of the NF mark	Sector promotion actions to promote the NF mark.	The fee for this service is specified each year and invoiced in addition to the other services.

## 4.2 Paying for the Services

The registration fee and the costs relative to the services of examination and auditing, invoiced as part of an admission or extension application of the right to use the NF mark, are payable in a single payment, at the time the application is submitted, for its official registration.

These fees remain payable even if the right to use the NF mark is not awarded or renewed.

## **NF certification reference system Administrative management appendix to Gravity drainage systems made of thermoplastic materials (NF 442)**

**Revision no.: 02**

---

The fees for the annual services pertaining to follow-up and the right to use the NF mark will be invoiced during the first quarter of each year and remain payable if the right to use the NF mark is not renewed, is cancelled or is suspended during the year.

Applicants or holders of the right to use the NF mark must pay all their fees in accordance with the stipulated terms of payment. Any failure on their part constitutes an obstacle to the performance by CSTB of the responsibilities of verification and corrective action that are incumbent upon it under this certification reference system.

Should an initial formal notice sent by registered letter, with acknowledgement of receipt, not result, within one month, in the payment of all the amounts due, all penalties provided for under the General Rules of the NF mark may be applied for all the products admitted for that holder.

### **4.3 Prices**

Prices are reviewed annually, in the form of a price list drawn up by CSTB. This revision is decided on after consultation with the Specific Committee.

If holders refuse to recognise the annual price review, they will be deemed to have voluntarily terminated the right to use the NF mark for their certified products.

The fees are provided on request by CSTB and will be sent out at the same time as the certification reference system.