



Certification Body:
AFNOR Certification
11, rue Francis de Pressensé
93571 LA PLAINE Saint Denis Cedex
Tel: + 33 (0)1 41 62 80 00
Fax: + 33 (0)1 49 17 90 00
Web sites: www.afnor.org and www.marque-nf.com
Email: certification@afnor.org



Certification Body:
CNPP – Certification Department – CNPP Cert.
Route de la Chapelle Réanville
CS 22265
27950 SAINT MARCEL
Tel: (33) 2 32 53 63 63
Fax: (33) 2 32 53 64 46
Website: www.cnpp.com
Email: certification@cnpp.com



Certification rules NF 324-H58
Revision index: 9 (April 2013)

Certification reference document:
**ELECTRONIC SECURITY
EQUIPMENT**

**INTRUSION DETECTION
ACCESS CONTROL MANAGEMENT EQUIPMENT**

ONLY THE FRENCH VERSION IS VALID

CONTENTS

SECTION 1	5
1.1 Presentation and scope of application.....	5
1.2 Our offer.....	8
1.3 List of contacts.....	10
SECTION 2 REFERENCE BASE	11
2.1 The General Regulations of the NF mark.....	11
2.2 The General Regulations of the A2P mark.....	11
2.3 The technical reference documents applicable to these products	11
2.4 Recap.....	12
2.5 Essential certified characteristics by products.....	12
2.6 Quality Management provisions	20
2.7 Marking with the single NF & A2P logo	25
2.8 Marking arrangements for an NF & A2P certified product.....	26
SECTION 3 OBTAINING CERTIFICATION: ACCEPTANCE PROCEDURES	35
3.1 Definition of an application.....	35
3.2 Filing a certification application file	35
3.3 Methods of checking.....	40
3.4 Assessment and decision	43
SECTION 4 MAINTAINING CERTIFICATION: THE MONITORING PROCEDURES	44
4.1 General monitoring procedures	44
4.2 Inspection procedures: follow-up visits.....	44
4.3 Assessment and decision	47
4.4 Statement of modifications	48
4.5 Conditions for removal of mark in the event of sanctions or non-conformities.....	49
SECTION 5 STAKEHOLDERS	51
5.1 The certification body AFNOR Certification.....	51
5.2 Certification Body: CNPP – Certification Department.....	51
5.3 The laboratory and the inspection body	52
5.4 The special committee.....	53
SECTION 6 FINANCING	54
6.1 Services involved in certification.....	54
6.2 Raising industry awareness of the mark.....	56
6.3 Collection of service fees.....	56
SECTION 7 CERTIFICATION FILES	57
SECTION 8 GLOSSARY	59
APPENDIX 1 TECHNICAL STANDARDS	66
APPENDIX 2 DATA SHEETS ON INSPECTIONS AND TESTS CARRIED OUT BY THE MANUFACTURER	83
APPENDIX 3	100
STANDARD LETTERS AND STANDARD FILES	100

These certification rules for NF and A2P application "Electronic Security Equipment" are common to both certification AFNOR Certification and the CNPP.

They implement both the General Rules of the NF mark and the General Regulations of the A2P mark (referenced H0).

These certification rules were approved by the Director of AFNOR Certification and the Director of CNPP Cert. on 8 April 2013.

They supersede any earlier version.

AFNOR Certification and CNPP undertake, together with the representatives of manufacturers, retailers, users, specifiers, Administrative authorities and competent technical bodies, to ensure the relevance of these certification rules, in terms of certification processes and the definition of requirements in relation to market changes.

The NF and A2P certification rules "Electronic security equipment" may be revised in whole or in part by AFNOR Certification and the CNPP, and in all cases after consulting the special committee.

Each revision is then approved by the Director of AFNOR Certification and the Director of CNPP Cert.

CHANGES MADE

Modified section	Revision index	Date	Change
Entire document	5	June 2009	<ul style="list-style-type: none"> - Use of the currently applicable RES024 framework - Integration of all the European standards - Update due to the resumption of direct management by AFNOR Certification and CNPP - New display of overall security level (with reference mainly to shields) - Definition of transition periods during which several technical reference documents coexist because of the entry into effect of European standards (French standards, European TS + additional requirements or European Standards + additional requirements). See paragraph 2.3 of the reference document. - Deletion and integration where appropriate of memos concerning the old certification rules
Section 1	6	01/10/2010	- Update of the paragraph 1.1.5.1
Section 2	6		<ul style="list-style-type: none"> - Clarification and update of Essential certified characteristics (2.5), addition of power supply - Update of the table 4 (2.6) - Update of the paragraph 2.8 and especially 2.8.5
Section 3	6		- Update of the paragraph 3.2.2
Section 4	6		- Update of the paragraph 4.2.2 and 4.2.3
Appendix 1	6		- Update of the Appendix 1
Section 2	7	25/10/2011	- Update of the NF&A2P logo
Section 2	7		- Update of the paragraph 2.8.1
Appendix 1	7		- Update of the Appendix 1
Appendix 2	7		- Update of the Appendix 2
Section 1, 2, 3, 4, 7, 8 and Appendix 1	8	20/11/2012	<ul style="list-style-type: none"> - Update of the scope of application (§1.1.5), Essential certified characteristics by products (§2.5) - Added detail "certification system 5, ISO/IEC guide 67" (§1.2.4) - Integration of the security level "Grade 1,2 or 3" and indication of the associated marking conditions (§2.5, table 3; §2.8 and Appendix 1) - Update of the technical files (2.8.7) and the model letters (section 7 and Appendix 3) - Added detail for sending out samples / year without audit (4.2.3) - Integration of the environmental class I (§2.5; §2.8.7) - Update on network type: international PSTN codes (§2.5) - Deleted external events recorder (§2.5 and Appendix 2) - Integration of changes to standards EN 50130-4 & NF EN 50130-5 (Appendix 1) - Modifications on General Rules of the NF mark Rev. 6 integrated
Section 2, Section 4 and Appendix 1	9	08/04/2013	<ul style="list-style-type: none"> - Integration of security fog devices/ systems (§ 2.5.4 and Appendix 1 § 1.3) - Added detail on sampling frequency when < 5 products/family (§4.2.3) - Updated applicable standards (year and month) and integration of RT 48-266

Section 1

1.1 Presentation and scope of application

1.1.1 Your expectations

These certification rules lay out the single process used to manage both the AFNOR Certification and CNPP certifications. As a result, the NF and A2P marks are inseparable on electronic security products.

NF and A2P certification is accessible to any applicant whose electronic security equipment of the intrusion detection type and/or access control management equipment type fall within the scope of the application as defined in § 1.1.5, and is capable of meeting the requirements described in these rules.

1.1.2 Definition of the applicant / license holder:

Body corporate ensuring the control and accountability for compliance with all the requirements defined in these certification rules.

The applicant / license holder shall control the following six phases, which may be subcontracted in accordance with the provisions specified in these certification rules (see the definition of subcontractor in the Glossary in Section 8):

- design of the finished product,
- purchase and acceptance inspection of the raw materials,
- manufacturing of one or more sub-assemblies,
- assembly of the finished product,
- inspection(s) of the finished product,
- marking (identification and traceability).

The applicant / license holder shall market the certified products itself, ensure their traceability post-marketing, and deal with customer complaints.

1.1.3 Definition of Retailer:

Body corporate, retailing the products of the applicant / license holder, who:

- does not intervene on the product in such a way as to modify compliance with the requirements of the NF and A2P marks, and
- changes the trademark (in order to maintain the right to use NF and A2P marks – piggybacking the mark). In this case, the respective responsibilities are defined by contract and the agreement of the applicant / license holder is given in writing or is subject to a co-signed letter.

1.1.4 Definition of Agent:

Body corporate or natural person headquartered/operating in the European Economic Area acting as the representative for the applicant / license holder outside the European Economic Area and which has a written mandate from the latter indicating that the agent can act on its behalf and specifying in what way(s) (tasks and associated responsibilities, financial issues, claims, contact for the certification body, among others) it intervenes in the joint certification process of the NF and A2P marks in accordance with the requirements of these certification rules.

The agent can be the retailer or the importer; in these cases, its various functions must be clearly identified.

1.1.5 Scope of application:

These certification rules relates to the following electronic security equipment:

- Intrusion detection equipment

These products may use "wire loops", "wireless" or mixed "wire loops and wireless" link technology.

- Access control management equipment:

Electronic products designed to manage an automated access control system in and around a building.

1.1.5.1. Intrusion detection devices

The product families covered by these certification rules are as follows:

- Control and Indicating Equipment (with or without integrated events recorder) and Phone Transmitter
 - Control and Indicating Equipment
 - Control and Indicating Equipment + Alarm transmitter
 - Phone transmitter
- Detector
 - Infra-red motion detector (passive or active)
 - Shock detector
 - Opening contact detector
 - Opening contact and shock detector
 - Seismic detector
 - Microwave motion detector
 - Combined motion detector (passive infrared + microwave or passive infrared + ultrasonic)
 - Ultrasonic motion detector
- Warning Device
 - Audible warning device
 - Audible and visible-flash warning device
- Related products
 - Distribution box
 - Wireless input-output device
 - Power Supply
 - Security fog devices/ systems

Note: the following components may be associated with certified products and are listed as part of their certification (see the definition of the components listed in the Glossary in Section 8)

- battery
- charger
- keyboard
- remote control
- various other components used in the certified products (lenses, ball-and-socket heads, masks, etc.)

The designation of "range" applies to products linked by a Specific "proprietary" and "dedicated" link (see Section 8) in order to provide a complete system.

A product included in a range **cannot be certified unless its presence and functionalities are validated as part of a minimum system** with the following functions: detect, handle, notify the alarm, and also guarantee the "integrity" of the range.

A range must at least comprise the following products:

- a perimetric detector (contact, etc.) and / or volumetric detector,
- a control and indicating equipment,

-
- an alarm system (warning device and / or transmitter).

Note: The term range as defined here should not be confused with retail ranges which comprise various models of the same product under the same name.

1.1.5.2. Access control systems for use in security application

The products covered by these certification rules are as follows:

- Access Control Supervising Processing Unit (ACSPU),
- Access Control Processing Unit (ACPU),
- Local Processing Unit (LPU), reader and associated identifiers.

These certification rules of the NF and A2P marks do not cover access point sensors and actuators of the Access Point Actuator type (APA), which are mechanical assemblies.

1.2 Our offer

1.2.1 The NF mark

The NF mark owned by AFNOR has existed since 1939.

It is a voluntary mark indicating conformity with French, European and international standards. The entire business of certifying products and services with the NF mark gains its value and originality from the standards defined by all the economic and social partners, who determine objective, measurable and traceable product features.

Within the European Economic Area, national regulation is giving way to European regulation, notably via directives. Numerous NF-certified products and services fall under the remit of these directives.

CE marking, which confirms that products comply with the provisions of directives which are themselves based on European standards, has shifted the positioning of the NF mark in particular for the construction products sector where it has deep roots. The NF mark has therefore changed, staking a serious claim as a genuine quality mark, based on standards specifying the performance level, to which are added any further specifications the market requires, such as fitness for purpose or durability. It is an essential add-on for promoting the quality and capabilities of the products and services to which it is applied.

The current renown of the NF mark is the result of a continuous policy of seeking excellence and a concern for meeting changing market expectations, be it for the national market, the European market or the world market.

This policy has resulted in the establishment of a mechanism combining various certification bodies and recognised technical experts, constituting the NF Network.

This network for certification of industrial and consumer goods and services surrounding the NF mark has built up by providing structural and technical guarantees complying with the requirements of French standard NF EN 45011 (ISO/IEC guide 65) and the national regulatory requirements stipulated by the French Consumer Code.

This network comprises AFNOR Certification, approved organisations, laboratories, inspection bodies, auditors, regional coordinators and technical secretariats.

1.2.2 The A2P mark

The A2P mark is a non-compulsory certification mark for products which makes a distinction between intrusion detection systems and fire protection equipment whose features ensure greater security.

The delivery of the right to use the A2P mark, registered with the French intellectual property office (INPI) is an act of certification under Law no. 94-442 dated 3 June 1994 and its implementing Decree No. 965-354 dated 30 March 1995, amending the French Consumer Code with respect to the certification of industrial products and services.

The CNPP (Certification Department – CNPP Cert.) is COFRAC-accredited for its certification activities under the A2P mark alone.

1.2.3 The commitments of the certification bodies: impartiality, competence, reliability

AFNOR Certification, the certification body for the NF mark and the CNPP, and the certification body for the A2P mark, are all impartial.

They provide their technical skills in terms of certification, i.e. in evaluating and inspecting your products, your organisation and your quality control.

1.2.4 The NF and A2P marks applied to electronic security equipment

The NF and A2P marks on your product(s) indicate consistent safety and quality, checked by specialists.

The NF and A2P marks on electronic security equipment provide completely guarantees as regards its compliance with the additional standards and specifications cited in §2.3 of these certification rules, and the quality of its design and manufacturing. They also ensure that consumers are clearly informed of the conditions governing installation and maintenance of the product and its performance characteristics.

To do so, the certification rules include:

- initial type testing by third parties of the product(s) presented for certification;
- initial audits by third parties of the production unit(s);
- on-going license holder-led control of the quality and compliance of the products;
- on-going third party-led monitoring and control involving tests of the certified products and regular audits of the production units.

following the certification system 5 guidelines of ISO/IEC guide 67: 2004

1.3 List of contacts

For the “one-stop-shop”:

CNPP – Certification Department – CNPP Cert.
Route de La Chapelle Réanville CS 22265
F-27950 Saint Marcel
Tel: (33) 2 32 53 63 63
Fax: (33) 2 32 53 64 46
Website <http://www.cnpp.com>
Email: certification@cnpp.com

For information specific to the NF mark, please contact AFNOR Certification:

AFNOR Certification
11, rue Francis de Pressensé
F-93571 La Plaine Saint Denis Cedex
Tel: + 33 (0)1 41 62 80 00
Fax: +33 (0)1 49 17 90 00
Websites: www.afnor.org and www.marque-nf.com
Email: certification@afnor.org

Section 2

REFERENCE BASE

The regulations for this application of the NF and A2P marks are: the General NF mark regulations; the General Rules of the A2P mark (referenced H0); these certification rules; and the product / test standards and various other texts specifying the additional requirements referenced herein.

These are the certification rules as defined by the French Consumer Code.

2.1 The General Regulations of the NF mark

The NF Mark is a registered collective certification mark with General Regulations which set down the overall organisation and the conditions of use for the mark.

The logo of the NF mark is as follows: 


These certification rules which fall under the certification of non-food products and services as provided for under Articles R-115-1 to R 115-3 and L 115-27 to L 115-32 of the French Consumer Code stipulate the conditions for application of the General NF Mark Regulations to the products stipulated in Section 1.

Right to use the NF mark is granted on the basis of compliance with a standard or standards and more generally with the entire reference base stipulated in this section, for a product from a designated applicant and a designated design and/or manufacturing and/or sales and marketing process.

2.2 The General Regulations of the A2P mark

The General Regulations of the A2P mark (referenced H0) define the general rules for the grant and use of the A2P mark.

These certification rules are used for the certification of products and services other than food contained as defined by Articles R-115-1 to R 115-3 and L 115-27 to L 115-32 of the French Consumer Code. Specifically, the conditions under which the General Rules of the A2P mark apply to products are defined in Article 1.

A2P is a certification mark registered with the French intellectual property office (INPI) under number 1 318 348. The logo  is a combination logo. It is the property of the CNPP, and can be used to identify products certified by the CNPP.

2.3 The technical reference documents applicable to these products

Appendix 1 contains a list of the technical reference documents applicable to products within the scope of these regulations. The appendix is updated as necessary to take account of European product standards, with or without additional related technical references.

Validity of technical reference documents and transition period

To take into account the lead-times for the withdrawal of national standards conflicting with European standards, which are usually 3 years, the following system has been defined:

- The right to use the NF and A2P marks can continue to be allocated for two years after publication of the European standard according to:
 - option 1 (based on the French standard)
 - option 2 (where applicable) (based on a European technical specification - e.g. TS + RT)
- Otherwise, only option 3, for the use of a European standard + RTC, will remain, if this product is ever covered by a European standard.

Regardless of the option, a certified product may retain its certification for a maximum of 5 years after the abolition of technical reference used for its certification.

2.4 Recap

The grant of the right to use the NF and A2P marks and to display the NF&A2P logo on certified products, in compliance with these regulations, could not, in any case, substitute the responsibility of AFNOR Certification and CNPP for the legal responsibility of the company who is beneficiary of the certification.

Compliance with the present regulations does not exempt the license holder of the NF and A2P marks from satisfying the current national and European rules and regulations, particularly those relating to free-competition.

Note that products subject to these certification rules are covered by the following regulations:

- Electronic Compatibility Directive on electric and electronic devices (EMC Directive)
- Low Voltage Directive (LVD Directive)
- Radio and Telecommunication Terminal Equipments Directive (R & TTE)

2.5 Essential certified characteristics by products

Table 1: For intrusion detection devices

2.5.1 Control and Indicating Equipment (with or without integrated events recorder) and Phone Transmitters Family	
Control and indicating equipment	Security level: GRADE 1, 2, 3, or SHIELDS 1, 2, 3 Options: See table 3, page 20 Wire-free / Wire loops or BUS Number of loops Environmental class: I, II, III, IV Audible warning device integrated or not Events recorder: yes / no; integrated or integratable Number of recorded events Power supply type Stand-by time Programming: on-site / remote Tamper security: opening, removal
Control and indicating equipment + Phone transmitter	Security level: GRADE 1, 2, 3, or SHIELDS 1, 2, 3 Options: See table 3, page 20 Wire-free / Wire loops or BUS Number of loops Environmental class: I, II, III, IV Audible warning device integrated or not Events recorder: yes / no; integrated or integratable

	<p>Number of recorded events</p> <p>Power supply type</p> <p>Stand-by Phone transmitter: integrated, integratable or external</p> <p>Network: PSTN, GSM, IP, GPRS</p> <p>Transmission mode: Vocal / Data</p> <p>Tamper security: opening, removal</p>
<p>Phone transmitter</p>	<p>Security level: GRADE 1, 2, 3, or SHIELDS 1, 2, 3</p> <p>Options: See table 3, page 20</p> <p>Wire-free / Wire loops or BUS</p> <p>Network: PSTN, GSM...</p> <p>Vocal / digital / combined</p> <p>Environmental class: I, II, III, IV</p> <p>Events recorder: yes / no; integrated or integratable</p> <p>Power supply type</p> <p>Stand-by time (if radio)</p> <p>Tamper security: opening, removal</p>

2.5.2 Detectors Family

<p>Infra-red motion detector (passive or active)</p>	<p>Security level: GRADE 1, 2, 3, or SHIELDS 1, 2, 3</p> <p>Options: See table 3, page 20 Passive or active</p> <p>Wire-free / Wire loops or BUS</p> <p>Detection characteristics, detection coverage:</p> <p style="padding-left: 40px;">Range</p> <p style="padding-left: 40px;">Opening Angle</p> <p>Power supply type</p> <p>Stand-by time (if radio)</p> <p>Environmental class: I, II, III, IV</p> <p>Tamper security: opening, removal, anti-masking, reorientation detection, magnetic field resistance</p>
<p>Shock detector</p>	<p>Security level: 1 SHIELD, 2 SHIELDS, 3 SHIELDS</p> <p>Options: See table 3, page 20</p> <p>Mechanical shock sensor / piezo / inertia shock sensor</p>

	<p>Wire-free / Wire loops or BUS</p> <p>Detection characteristics, coverage detection</p> <p>Power supply type</p> <p>Stand-by time (if radio)</p> <p>Environmental class: I, II, III, IV</p> <p>Tamper security: opening, removal, magnetic field resistance</p>
<p>Opening contact detector</p>	<p>Security level: GRADE 1, 2, 3, or SHIELDS 1, 2, 3</p> <p>Options: See table 3, page 20</p> <p>Wire-free / Wire loops or BUS</p> <p>Contact type: Normally Opened / Normally closed</p> <p>Displacement (Break /Make distances)</p> <p>Assembling type: fitted / overhanging</p> <p>Power supply type</p> <p>Stand-by time (if radio)</p> <p>Environmental class: I, II, III, IV</p> <p>Tamper security: opening, removal, magnetic field resistance</p>
<p>Opening contact and shock detector</p>	<p>Security level: GRADE 1, 2, 3, or SHIELDS 1, 2, 3</p> <p>Options: See table 3, page 20</p> <p>Wire-free / Wire loops or BUS</p> <p>Power supply type</p> <p>Stand-by time (if radio)</p> <p>Environmental class: I, II, III, IV</p> <p><u>Shock:</u></p> <p>Mechanical shock sensor / piezo / inertia shock sensor</p> <p>Assembling type: fitted / overhanging</p> <p>Detection characteristics, coverage detection</p> <p><u>Opening:</u></p> <p>Contact type: Normally Opened / Normally closed</p> <p>Displacement (Break /Make distances)</p> <p>Assembling type: fitted / overhanging</p> <p>Tamper security: opening, removal, magnetic field resistance</p>

<p>Seismic detector</p>	<p>Security level: 1 SHIELD, 2 SHIELDS, 3 SHIELDS</p> <p>Options: See table 3, page 20</p> <p>Wire-free / Wire loops or BUS</p> <p>Detection characteristics, coverage detection</p> <p>Power supply type</p> <p>Stand-by time (if radio)</p> <p>Environmental class: I, II, III, IV</p> <p>Tamper security: opening, removal, magnetic field resistance</p>
<p>Microwave motion detector</p>	<p>Security level: GRADE 1, 2, 3, or SHIELDS 1, 2, 3</p> <p>Options: See table 3, page 20</p> <p>Wire-free / Wire loops or BUS</p> <p>Detection characteristics, detection coverage:</p> <p style="padding-left: 40px;">Range</p> <p style="padding-left: 40px;">Opening Angle</p> <p>Frequency</p> <p>Power supply type</p> <p>Stand-by time (if radio)</p> <p>Environmental class: I, II, III, IV</p> <p>Tamper security: opening, removal, anti-masking, reorientation detection, magnetic field resistance</p>
<p>Combined multimode motion detector Passive infrared + microwave or passive infrared + ultrasonic</p>	<p>Security level: GRADE 1, 2, 3, or SHIELDS 1, 2, 3</p> <p>Options: See table 3, page 20</p> <p>Wire-free / Wire loops or BUS</p> <p>Detection characteristics, coverage detection:</p> <p style="padding-left: 40px;">Range</p> <p style="padding-left: 40px;">Opening Angle</p> <p>Frequency</p> <p>Power supply type</p> <p>Stand-by time (if radio)</p> <p>Environmental class: I, II, III, IV</p> <p>Tamper security: opening, removal, anti-masking, reorientation detection, magnetic field</p>

	resistance
Ultrasonic motion detector	<p>Security level: GRADE 1, 2, 3, or SHIELDS 1, 2, 3</p> <p>Options: See table 3, page 20</p> <p>Wire-free / Wire loops or BUS</p> <p>Detection characteristics, detection coverage:</p> <ul style="list-style-type: none"> Range Opening Angle Frequency Power supply type Stand-by time (if radio) Environmental class: I, II, III, IV <p>Tamper security: opening, removal, anti-masking, reorientation detection, magnetic field resistance</p>

2.5.3 Warning Device Family

Audible Warning Device	<p>Security level: GRADE 1, 2, 3, or SHIELDS 1, 2, 3</p> <p>Options: See table 3, page 20</p> <p>Wire-free / Wire loops or BUS</p> <p>Sound level (dBA) at 1m</p> <p>Time duration</p> <p>Power supply type</p> <p>Stand-by time</p> <p>Environmental class: I, II, III, IV</p> <p>Tamper security: opening, removal</p>
-------------------------------	--

<p>Audible and visible-flash warning device</p>	<p>Security level: GRADE 1, 2, 3, or SHIELDS 1, 2, 3</p> <p>Options: See table 3, page 20</p> <p>Wire-free / Wire loops or BUS</p> <p>Sound level (dBA) at 1m</p> <p>Time duration</p> <p>Flash frequency/second</p> <p>Flash colour</p> <p>Power supply type</p> <p>Stand-by time</p> <p>Environmental class: I, II, III, IV</p> <p>Tamper security: opening, removal</p>
--	--

2.5.4 Related products Family




<p>Distribution box</p>	<p>Security level: 1 SHIELD, 2 SHIELDS, 3 SHIELDS</p> <p>Options: See table 3, page 20</p> <p>Link type</p> <p>Number of connection ports</p> <p>Environmental class: I, II, III, IV</p> <p>Tamper security: opening, removal</p>
<p>Wireless input output device</p>	<p>Security level: 1 SHIELD, 2 SHIELDS, 3 SHIELDS</p> <p>Options: See table 3, page 20</p> <p>Transmission mode: emitter and/or receiver</p> <p>Wireless / Wire loops or BUS</p> <p>Number and type of messages</p> <p>Power supply type</p> <p>Stand-by time</p> <p>Environmental class: I, II, III, IV</p>
<p>Power Supply</p>	<p>Security level: GRADE 1, 2, 3, or SHIELDS 1, 2, 3</p> <p>Options: See table 3, page 20</p> <p>Wireless or BUS+wire loops</p>

	<p>Power supply type</p> <p>Stand-by time</p> <p>Environmental class: I, II, III, IV</p> <p>Tamper security: opening, removal</p>
Security fog devices/ systems	<p>Security level: SHIELDS 1, 2 or 3 or EN requirements</p> <p>Options: See table 3, page 20</p> <p>Reduced visibility / Continuation: time</p> <p>Wire-free / Wire loops or BUS</p> <p>Power supply type</p> <p>Environmental class: I, II, III, IV</p> <p>Tamper security: opening, removal</p>

Table 2: For access control systems for use in security application

<p>Access Control Supervising Processing Unit (ACSPU)</p>	<p>Classification of identification, classification of access</p> <p>Security level: 1 SHIELD, 2 SHIELDS, 3 SHIELDS</p> <p>Power supply type</p> <p>Stand-by time</p> <p>Number of managed accesses</p> <p>Number of managed ACPU / LPU / individual codes</p> <p>Events record capacity</p> <p>Environmental class: I, II, III, IV</p> <p>Tamper security: opening, removal</p>
<p>Access Control Processing Unit (ACPU)</p>	<p>Classification of identification, classification of access</p> <p>Security level: 1 SHIELD, 2 SHIELDS, 3 SHIELDS</p> <p>Power supply type</p> <p>Stand-by time</p> <p>Maximum number of managed identifiers / LPU / individual codes</p> <p>Technology of identifiers</p> <p>Events record capacity</p> <p>Link with system</p> <p>Environmental class: I, II, III, IV</p> <p>Tamper security: opening, removal</p>
<p>Local Processing Unit (LPU), reader and associated identifiers</p>	<p>Number and nature of associated identifiers</p> <p>Classification of identification, classification of access</p> <p>Security level: 1 SHIELD, 2 SHIELDS, 3 SHIELDS for the LPU</p> <p>Power supply type</p> <p>Stand-by time</p> <p>Maximum number of managed identifiers / LPU / individual codes</p> <p>Technology of identifiers</p> <p>Events record capacity</p> <p>Link with system</p> <p>Environmental class: I, II, III, IV</p> <p>Tamper security: opening, removal</p>

Table 3: Correspondence between security levels, types, shields and grades

Security level	Type (according to the French standards)
	Grade (according to the European standards)*
GRADE 1 – GRADE 2 – GRADE 3 NF & A2P	Option 0: Only the European standards
1 SHIELD 	Option 1: French standards - TYPE 1
	Option 2: Grade 1 (European TS specifications) + RT
	Option 3: Grade 1 (European EN standards) + RTC
2 SHIELDS 	Option 1: French standards - TYPE 2
	Option 2: Grade 2 (European TS specifications) + RT
	Option 3: Grade 2 (European EN standards) + RTC
3 SHIELDS 	Option 1: French standards - TYPE 3
	Option 2: Grade 3 (European TS specifications) + RT
	Option 3: Grade 3 (European EN standards) + RTC

* Depending on the products, the European standard can be or not completed by additional specifications (RTC) (see Appendix 1)

2.6 Quality Management provisions

2.6.1 General

The applicant / license holder must have set up its own means, the existence and effectiveness of which are assessed on the basis of NF EN ISO 9001:2008 requirements (see Table 4 below).

The requirements described in this paragraph shall also apply to any subcontractors of the applicant / license holder.

Table 4: Requirements in terms of quality organisation

SECTION OF STANDARD NF EN ISO 9001:2008	QUALITY ORGANISATION REQUIREMENTS	X = APPLICABLE Comments
4 – Quality management system		
4.1 General requirements		
4.1 a) to e)	Identify the processes and their interactions and the process resources, control and monitoring needed	X The processes involved in manufacturing the product
4.2 Documentation requirements		
4.2.1 and 4.2.2	The documentation must include a quality policy, a manual, a few procedures, a description of the processes, and records.	X To be adapted according to the size of the firm and the complexity of the processes described.
4.2.3.	Control of documents	X In particular, the documents relating to the NF and A2P certification process. - <u>Minimum retention period (paper or digital form) of 3 years for:</u> - Records relating to the inspections of purchased products and outsourced services - Records enabling the traceability of products accepted to bear the NF and A2P marks (including the NF and A2P standards, certificates and certification rules) - Complaints about certified products - <u>Minimum retention period (paper or digital form) of 10 years for</u> - Technical packages, documents for monitoring and recording modifications in certified products, records on inspections of finished products (10 years after the end of production).
4.2.4.	Records	X
5 - Management Responsibility		
5.1	Management commitment: communicate the importance meeting customer requirements, establishing a quality policy, setting quality objectives, management reviews, resources provision.	X In particular, a commitment on the certification rules of the NF and A2P marks.
5.2	Customer focus	X
5.5 Responsibility, authority and communication		
5.5.1.	Responsibility and authority	X
5.5.2.	Management representative	X
5.5.3.	Internal communication	X
5.6	Management review	X To be adapted according to the size of the firm and the complexity of the processes described.
6 - Resource Management		
7 - Product realization		
7.1	Planning of product realization	X Include the NF and A2P requirements related to the product, the implementation of manufacturing processes and resources, monitoring and marking of products, records.
7.2.1.	Determination of requirements related to the product	X At least subparagraph c)

SECTION OF STANDARD NF EN ISO 9001:2008	QUALITY ORGANISATION REQUIREMENTS	X = APPLICABLE Comments
7.2.3.	Customer communication	X The applicant / license holder shall keep a register in which it records all customer complaints on the products covered by joint NF and A2P certifications and the outcome of same. The auditor must be able to consult the register.
7.3.7.	Control of design and development modifications	X
7.4	Purchasing	X Unless there is effective inspection procedure during manufacturing capable of eliminating any risk concerning the compliance of the certified product, the applicant / license holder sets up a control procedure for the raw materials and sub-assemblies received.
7.5.1.	Control of production and service provision	X Service = product The applicant / license holder has: <ul style="list-style-type: none"> • manufacturing instructions; • instructions for inspection during manufacturing; • a suitable maintenance organisation for production equipment (machines, tools, etc.)
7.5.2.	Validation of processes for production and service provision	X
7.5.3.	Identification and traceability	X
7.5.5.	Preservation of product	X
7.6	Control of monitoring and measuring devices	X
8 - Measurement, analysis and improvement		
8.2	Monitoring and measurement	X
8.2.1.	Customer satisfaction	X
8.2.2.	Internal Audit	X
8.2.3.	Monitoring and Measurement of Processes	X
8.2.4.	Monitoring and Measurement of Product	X
8.3	Control of non-conforming product	X including withdrawal of the mark where required
8.4	Data analysis	X
8.5.2.	Corrective action	X See also Article 7.2.3 of the ISO standard for managing customer complaints
8.5.3.	Preventive action	X
Customer complaint handling	<i>Specific to NF and A2P</i>	X
Inspections during manufacturing	<i>Specific to NF and A2P</i>	X
Inspections on finished products	<i>Specific to NF and A2P</i>	X

2.6.2 Specific NF and A2P provisions concerning product manufacturing

These provisions are to be included in a Quality Plan and / or the procedures of the Quality Management System (QMS)

The Quality Plan (or QMS) shall include a list of in-house company procedures concerning the certified product. These procedures shall describe how the product is manufactured in the production unit and with what means.

The Quality Plan (or QMS) provisions apply to each subcontractor for the sub-assembly/assemblies of its associated product in accordance with the requirements of the applicant / license holder

Each item in the parts list of the product and / or each item subcontracted must have a specification and supporting inspection documents, the minimum requirements of which are established by the applicant / license holder based on specific standards and needs.

Granting of the NF and A2P marks implies observance of the conditions listed below:

- the equipment has satisfied all the requirements in the applicable regulations,
- manufacturer production and inspection means are such that the compliance of manufacturing of the equipment submitted for certification can be maintained,
- the records of the inspection findings, and the corresponding readings, are available to the auditors of the NF and A2P marks or their representatives
- compliance checks are carried out by auditors of the NF and A2P marks or their representatives to verify the consistency of the inspections. In addition, during these inspections, equipment output by production will be sampled in order to carry out tests in recognised laboratories, and thus establish their compliance with the applicable regulations.

2.6.3. Nature of internal inspections

The nature of the inspections on components and sub-assemblies and their frequencies are defined below (the frequencies indicated are a minimum).

2.6.3.1 Checks on the equipment parts list

The applicant / license holder must define in its Quality Plan (or QMS) and implement the checks to be carried out:

- on items in the product parts list,
- on subcontracted item(s) and / or operation(s), where applicable.

2.6.3.2 Acceptance inspections

The applicant / license holder shall define in its Quality Plan (or QMS) and implement the checks to be carried out:

- on the components,
- on sub-assembly/assemblies subcontracted or purchased from a supplier, where applicable.

2.6.3.3 Inspections carried out by the applicant / license holder

In order to demonstrate product compliance with the specified requirements, the applicant / license holder shall describe in its Quality Plan (or QMS) the final inspection procedures set up, taking into account the nature of the checks and their frequency.

The inspections and tests to be performed by the applicant / license holder to qualify for the NF and A2P marks are listed in the regulations for each product in the data sheets contained in Appendix 2.

These data sheets describe:

- the tests to be carried out in the course of manufacturing,
- the additional tests for specific equipment using microwave links.

When a non-conforming product is corrected (or repaired), it must be checked and re-tested to demonstrate its compliance with the specified requirements.

The results of these checks and tests are consigned in records which are examined by the auditor.

The sub-contractor shall also define the inspections to be carried out during manufacturing in its Quality Plan (or QMS), and implement them in line with the requirements of the applicant / license holder.

These inspections and tests shall be carried out during manufacturing or in the final stage:

- either on each manufactured product,
- or by sampling per manufacturing batch as per standard NF ISO 2859-1 and / or NF X 06-023 (unless otherwise specified).

The number of samples to be tested is determined as follows:

- if the batch of parts in manufacturing is less than 26 parts, testing shall be done on each product,
- in all other cases, the number of random samples is defined in the simple sampling scheme given in standard NF ISO 2859-01 and Tables 2A and 2B of standard NF X06 -022.

Control level III is taken as the reference.

The acceptable quality level (AQL) required is the AQL nearest to the value below 1.

If the batch is not accepted on the first sampling, a second sample identical to the first shall be carried out (same value of n).

If the batch is not accepted at the second sampling, a physical inspection shall be carried out on each product.

Various devices may be used to carry out the functional checks, such as simulators, automatic inspection benches, etc.

If the technical solution used to ensure the function or the requirement to be verified shows that manufacturing discrepancy is impossible, the manufacturer may choose not to perform the test.

2.7 Marking with the single NF & A2P logo

Marking is an integral part of the certification of a product.

Over and above the identification of a certified product and its traceability, marking a product with the single NF & A2P logo ensures better protection for users and defends license holders against misuse and infringements/counterfeiting.

In addition, the NF and A2P marks state the main certified characteristics. This is to the advantage of consumers and brings added value to the certification and its content.

This section contains instructions on displaying the NF & A2P logo, identification marking, traceability and certified characteristics. The term "certified characteristic" refers to any and all criteria subject to controls for the purposes of dual NF and A2P certification.

2.7.1 Common NF and A2P requirements

The name and identification of every NF & A2P certified product must be distinct from those of non-certified products.

The license holder shall only use the single NF & A2P logo to distinguish the certified products, without any risk of confusion with other products, non-certified products in particular.

License holder use of the NF and A2P marks in any document, especially commercial documents (e.g. headed stationery, order confirmations, invoices, delivery slips, flyers, catalogues, etc.), is limited to distinguishing the certified products, without any risk of confusion.

Reproduction of the single NF & A2P logo on the license holder's headed stationery is prohibited unless the license holder has NF and A2P certification for all of its products covered by this application.

To ensure correct application of this chapter, the license holder should pre-submit to the certification bodies any and all documents and/or websites in which mention is made of the NF and A2P marks.

2.7.2 Reference texts

The French Consumer Code: concern for transparency

Communication on information concerning product and service certification is governed by law. The regulations are intended to make the meaning of labels, certification marks, etc., transparent to consumers and users.

For example, Article L 115-2 of the French Consumer Code stipulates that:

"When reference is made to certification in the advertising, labelling or display of any product or service, and on commercial documents of any kind relating thereto, the following information must necessarily be brought to the attention of the consumer or user:

- ↪ The name of the certification body or the registered/accredited certification mark,
- ↪ The name of the certification rules(s) used,
- ↪ The manner in which the certification rules(s) can be accessed or obtained.

The General Rules of the mark

The purpose of the marking regulations below is to guide the license holder through compliance with regulatory guidelines and the requirements of NF certification. Articles 4, 10, 12 and 13 of the General Rules of the NF mark stipulate the conditions of use, the validity conditions, and the sanctions available in the event of misuse.

The General Regulations of the mark

The General Regulations of the A2P mark (H0) define the general rules for the allocation and use of the A2P mark. They set out the respective obligations of the CNPP, the manufacturer, the laboratory and inspection body responsible for testing and verification.

The rules for using the A2P mark also specify the conditions of use, conditions of validity and sanctions in the event of misuse.

2.8 Marking arrangements for an NF & A2P certified product

This section contains instructions on displaying the NF and A2P logos and marking certified characteristics.

2.8.1 Marking an NF and A2P certified product with shields 1, 2 or 3

2.8.1.1. Marking an NF & A2P certified product with shields 1, 2 or 3

The new logo can be used from its application date. The terms of transition are fixed for a minimum period of 3 years without strict limitation of date. The two logos can coexist until definition of the end of the transition period.

Each certified product must carry the NF & A2P logo as specified by the template described in Figure 1.

It is preferable for the NF & A2P logo to remain visible once the product has been installed. It shall be easily legible and hard-wearing. It is a criterion of choice for purchase.

The NF & A2P logo can be reproduced at a size greater than the minimum required, provided that all proportions and colours are respected.



Figure 1: Single NF & A2P logo

Either Pantone 293 blue
Pantone 286 blue
or black

Minimum size of the overall logo: at least 8 mm high, excluding the shield (*Note: positional references may be tolerated*).

The single NF & A2P logo as defined in Figure 1 may be associated with one or more "shield" symbols indicating the certified essential characteristic of the overall security level:

1 SHIELD



2 SHIELDS



3 SHIELDS



THE CORRESPONDING NF AND A2P LOGOS ARE AS FOLLOWS:



1 SHIELD 2 SHIELDS 3 SHIELDS
 Figure 2: Logos providing visual information about the overall security level characteristic

Both graphic styles (empty or full shields) are allowed.

This characteristic indicates:

- the overall security level of the product and its autonomy for intrusion detection systems,
- the level of access and autonomy in access control management equipment,
- 3 SHIELD systems have the highest level.

Where marking is difficult (e.g. small-size products, etc.), NF and A2P marking may use a text-only (semi-figurative) logo, with or without information about the overall security level of the product (1 SHIELD, 2 SHIELDS, 3 SHIELDS).

In all cases, the procedures for marking an NF & A2P certified product shall be submitted for approval to the certification bodies before release of the certified products.

Cases of listed components (example: remote controls, keypads, power supplies...) for one or several control and indicating equipments

For the components associated with several control and indicating equipments with different security levels, it is forbidden to make reference to the shields under the NF&A2P logo in order to avoid confusion.

For the components associated with only one control and indicating equipment, when the NF & A2P logo is displayed, it is possible to make reference to the same security level as on the control and indicating equipment.

Cases of combined products (Intrusion detection equipment and access control management systems):

When the product ensures both the functions of intrusion detection and access control management, the category should be specified beside each mark (example for a product certified "3 SHIELDS" for intrusion detection and "1 SHIELD" for access control):



Figure 3: Logos providing visual information about the "SHIELD" characteristic for certified equipment
 Intrusion Detection Equipment and Access Control Management Systems

The NF&A2P logos are available at the License Holders' Area on the AFNOR Certification website www.marque-nf.com and from the CNPP website certification@cnpp.com

2.8.1.2 Marks for identification, traceability and certified characteristics on the certified product

It is essential that a minimum amount of information be presented on the certified products in order to ensure their traceability and immediate identification of the license holder, product, production unit in question, batch, etc.

The marking must be legible and durable and have a lifespan equivalent to that of the product on which it is affixed.

For each certified NF & A2P product placed on the market, the following information at least must be included on an identification plate (without restricting other specific markings):

the name of the license holder of the NF and A2P marks, or its acronym, or its trademark,
the commercial reference of the certified product,
the serial number of the product or batch*,
the main characteristic that accounts for the overall security level of the product
(SHIELDS 1, 2, or 3)

* this information is not necessarily put together with the other information.

2.8.1.3 Marking the NF & A2P logo on the packaging of the certified product

In the advertising, labelling and presentation of their certified products, license holders shall promote the NF and A2P marks.

The NF & A2P logo can be affixed to the packaging of certified equipment, in which case the reproduction of the logo shall comply with one of the templates in figure 2 (see 2.8.1.1).

The commercial reference of a certified product shall be indicated on all the packaging, and be strictly identical to that of the corresponding NF and A2P certificate.

If the packaging contains both certified and uncertified products, each product shall be listed, and the NF & A2P logo compliant with one of the templates in figure 2 of these regulations may be affixed opposite the certified products only, without any ambiguity or potential for mistaking with non-certified products.

Each certified product shall be provided with the information included either in the data sheet or in the instructions for use (whether they accompany the certified product or not), including the guides for installation, service start-up, use, upkeep, operation and preventive maintenance. These documents can be separate or combined into a single set of instructions, depending upon the retail mode targeted.

These documents shall include the NF & A2P logo combined or not with information about the main characteristic, which accounts for the category of the product (1 SHIELD, 2 SHIELDS, 3 SHIELDS). This information is specified by one of the logos in figure 2 (see 2.8.1.1) or, where a waiver has been granted, by text only: NF&A2P 1 SHIELD, NF&A2P 2 SHIELDS, NF&A2P 3 SHIELDS.

When the product ensures both intrusion detection and access control management functions, the marking shall be made consistent with the presentation in figure 3 of these regulations.

Whatever their form (individual data sheet accompanying the product, technical package for installers, etc.) these documents form an integral part of the certification application package.

To ensure correct application of this chapter, the license holder should pre-submit to the certification bodies any and all documents in which mention is made of the NF and A2P marks.

In its notices, the license holder shall bring to the attention of the user or consumer:

- The name of the certification bodies and how to contact them to obtain information about the certification cited on the package (website).
- The essential main certified characteristic (SHIELD) as expressed by one of the logo templates given in figure 2 (see 2.8.1.1),
- A reference to NF324-H58 as the basis for the certification process.
- The certification number of the product appearing on the certificate of right of use of the NF and A2P marks (only the 10 first digits)
- IP/IK codes

2.8.1.4 Marking on documentation (technical and business documents, labels, posters, advertising, websites, etc.)

The reproduction of the single NF&A2P logo on documentation (technical and business documents, labels, posters, advertising, website(s), etc.) shall be compliant with the graphic charter of both the NF mark and the A2P mark. It shall meet the requirements outlined in § 2.7.1 of this reference document.

Reminder: To ensure correct application of this chapter, the license holder should pre-submit to the certification bodies any and all documents and/or websites in which mention is made of the NF and A2P marks.

2.8.1.5 Case of CE marking

There shall be no ambiguity between the CE marking and the non-compulsory NF and A2P certification marks, either on the product, the packaging of the certified products, or in the sales literature.

2.8.2 Marking an NF and A2P certified product with GRADE 1, 2 or 3

2.8.2.1. Marking an NF & A2P certified product with GRADE 1, 2 or 3

Each grade 1, 2 or 3 (option 0) certified product shall bear the NF & A2P logo. In this case, only a text-only (lettering) logo is authorized.

It is preferable to affix the NF and A2P logo to a visible face once the product has been installed. It must be easily legible and hard-wearing. It is a choice criteria for the purchase.

The NF & A2P log may be produced in the following specified colours:

Either Pantone 293 blue or
Pantone 286 blue
or black

The NF & A2P logo as defined above may be paired with the words GRADE 1, 2 or 3 indicating the certified essential characteristic of the overall security level.

In all cases, the procedures for marking a certified NF and A2P product must be submitted for approval to the certification bodies before release of the certified products.

Cases of listed components (example: remote controls, keypads, power supplies...) for one or several control and indicating equipments:

For the components associated with several control and indicating equipments with different security levels, it is forbidden to make reference to GRADE 1, 2 or 3 under the NF&A2P logo in order to avoid confusion.

For the components associated with only one control and indicating equipment, when the NF & A2P mark is displayed, it is possible to make reference to the same security level as on the control and indicating equipment.

2.8.2.2 Marks for identification, traceability and certified characteristics on the certified product

It is essential that a minimum amount of information be presented on the certified products in order to ensure their traceability and immediate identification of the license holder, product, production unit in question, batch, etc.

The marking shall be legible and durable and have a lifespan equivalent to that of the product on which it is affixed.

Each NF & A2P certified product placed on the market shall include at least the following information on an identification plate (without restricting other specific markings):

the name of the license holder of the NF and A2P marks, or its acronym, or its trademark,
the commercial reference of the certified product,
the serial number of the product or batch*,
the main characteristic that accounts for the overall security level of the product
(GRADE 1, 2, 3)

* this information is not necessarily put together with the other information.

2.8.2.3 Marking the NF & A2P logo on the packaging of the certified product

In the advertising, labelling and presentation of their certified products, license holders shall promote the NF and A2P marks.

The NF & A2P mark can be affixed to the packaging of certified equipment in compliance with the provisions set out in subclause 2.8.2.1 (text-only mark in lettering)

The commercial reference of a certified product shall be indicated on all the packaging, and be strictly identical to that of the corresponding NF and A2P certificate.

If the packaging contains both certified and uncertified products, each product shall be listed, and the NF & A2P mark may be affixed opposite the certified products only, without any ambiguity or potential for mistaking with non-certified products.

Each certified product shall be provided with the information included either in the data sheet or in the instructions for use (whether they accompany the certified product or not), including the guides for installation, service start-up, use, upkeep, operation and preventive maintenance. These documents can be separate or combined into a single set of instructions, depending upon the retail mode targeted.

These documents shall include the NF & A2P mark (text-only in lettering) combined with information about the main characteristic, which accounts for the category of the product (GRADE 1, 2 or 3).

Whatever their form (individual data sheet accompanying the product, technical package for installers, etc.) these documents form an integral part of the certification application package.

To ensure correct application of this chapter, it is recommended that the license holder submits all and any documents in which mention is made of the NF and A2P marks to the certification bodies beforehand.

In its notices, the license holder is required to bring to the attention of the user or consumer:

- The name of the certification bodies and how to contact them to obtain information about the certification cited on the package (website).
- The essential main certified characteristic (GRADE 1, 2 or 3)
- A reference to NF324-H58 as the basis for the certification process.
- The certification number of the product appearing on the certificate of right of use of the NF and A2P marks (only the 10 first digits)
- IP/IK codes

2.8.2.4 Marking on documentation (technical and business documents, labels, posters, advertising, websites, etc.)

The reproduction of the NF&A2P mark on documentation (technical and business documents, labels, posters, advertising, website(s), etc.) shall be compliant with the requirements set out in § 2.8.2.1 of this reference document.

Reminder: To ensure correct application of this chapter, the license holder should pre-submit to the certification bodies any and all documents and/or websites in which mention is made of the NF and A2P marks.

2.8.2.5 Case of CE marking

There shall be no ambiguity between the CE marking and the non-compulsory NF and A2P certification marks, either on the product, the packaging of the certified products or in the sales literature.

2.8.3 Terms for withdrawing the NF & A2P mark

When a product is found to be non-compliant and upgrading to the certified state is not possible, the license holder shall remove the mark from it.

In cases where such products are already on the market, the license holder undertakes to inform the customers in question and make every effort to repatriate the products.

Likewise, the mark shall be withdrawn from any product for which the right to use the NF and A2P marks has been suspended or withdrawn.

If it is impossible to withdraw the mark from a certified product, it must no longer be marketed.

2.8.4 NF & A2P technical file

Communication on the essential certified characteristics is an added value for the NF and A2P marks and can help users select the corresponding products.

In addition to currently applicable regulations on marking, every certified product delivered must be accompanied by a technical file written in French (at least). The certified characteristics relating to each product shall be indicated on the technical file accompanying the product, or on the product itself, and on the packing and packagings.

The certified characteristics are available on the websites of the NF mark (www.marque-nf.com) and the CNPP www.cnpp.com, and on the NF and A2P certificates of the products concerned.

In the case of identical certified products delivered to the same customer, a single copy of the technical sheet per packaging unit is required. In all cases it shall be made available to the customer on request.

This file may be included in the technical and / or business documentation of the license holder; in which case, there is no need to systematically provide this technical file. It can be used to inform consumers by posting it on points of sale but is not intended to be an advertising medium. There must be no confusion between certified and non-certified characteristics.

The minimum information contained in the file is as follows:

- The commercial reference and trade name of the product and its reference range (if applicable),
- The name and address of the license holder (manufacturer or retailer),
- The name and address of the certification body for NF (AFNOR Certification; its website www.marque-nf.com may be given in place of the AFNOR Certification address),
- The name and address of the certification body for A2P (CNPP Certification Department; its website www.cnpp.com may be given in place of the CNPP Cert. address),
- Certification rules number (NF324 / H58),
- Essential certified characteristics (plus other features as appropriate)
- Explanation of product marking,
- Installation instructions with diagrams, drawings or photos of the product
- Instructions for use,
- Maintenance instructions,
- NF & A2P Mark + CE Logo

The technical file shall accompany each delivery of the product in question.

A model technical file for control and indicating equipment is given below. Models for different products subject to dual NF and A2P certification are available from the one-stop shop.

Technical file model (template)

Control and indicating equipment

Fabricant / Manufacturer:

Marque Commerciale / Trade Mark:

Référence du produit / Model:

Gamme / Product line:

The CE mark on this product certifies that it complies with the European directives applicable to it.

The NF and A2P marks applied to intrusion detection equipment guarantee that the safety and consistent quality of the product have been checked by specialists.

Through their rigorous and comprehensive checks (quality management system of the license holder, manufacturing inspections, audits and surveillance tests, etc.), they provide the consumer with all the requisite guarantees concerning the compliance of the certified products.

The NF and A2P marks certify the compliance of the product with the certification rules NF 324 H58.

Keep the documentation provided with the product throughout its service life.

1 Certified characteristics:

Normes Applicables / Applicable Product Standards: (Cf. Annexe 1 du référentiel NF324-H58 / See Appendix 1 of the NF324-H58 standard)	Niveau de Sécurité / Overall Security Level:
<input type="checkbox"/> OPTION 0 (Normes Européennes / EN European Standards)	<input type="checkbox"/> Grade 1 <input type="checkbox"/> Grade 2 <input type="checkbox"/> Grade 3
<input type="checkbox"/> OPTION 1 (Normes Françaises – TYPE 1, 2 ou 3 / French Standards – TYPE 1, 2 or 3)	<input type="checkbox"/> 1 Shield <input type="checkbox"/> 2 Shields <input type="checkbox"/> 3 Shields
<input type="checkbox"/> OPTION 2 (Spécifications Européennes TS + RT / TS European Specifications + RT)	
<input type="checkbox"/> OPTION 3 (Normes Européennes EN + RTC / EN European Standards + RTC)	

Nombre d'entrées de détection /

Number of detection inputs:

à/to

Alimentation principale / Prime power source:

V

Alimentation secondaire / Alternative power supply:

V

Ah

Autonomie / Stand-by time:

heures/hours

années/years

Liaisons / Links	Filaire Wire Loops	Radio Wireless	Filaire non spécifique (BUS) / BUS
Liaison avec les détecteurs / <i>Link with detectors:</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liaison avec les dispositifs d'alarme / <i>Link with audible warning devices:</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liaison avec les produits connexes / <i>Link with related products:</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Paramétrage sur site / On site programming:

Oui/Yes

Non/No

Paramétrage à distance / Remote programming:

Oui/Yes

Non/No

Classe d'environnement / Environmental class:

I

II

III

IV

Gamme de températures / Temperature range:

°C mini -

°C maxi

Protection de l'enveloppe / Envelope protection Degrees: **IP:**

IK:

Sécurité contre la fraude / Tamper security: ouverture/opening arrachement/removal

Organe de commande / Control device: intégré/integrated séparé/separated
préciser le(les) type(s)/specify type(s):

Alarme sonore intégrée / Integrated audible warning device: Oui/Yes Non/No
Niveau sonore déclaré / Sound level: dBA à 1m / dBA at 1m

Contrôleur-Enregistreur / Events Recorder: intégré/integrated
 intégrable/to be integrated
 externe/external

Nombres d'évènements enregistrés /
Number of recorded events:

2 Explanation of product marking

3 Installation instructions with diagrams, drawings or photos of the product

4 Instructions for use

5 Maintenance instructions

Certification Body:
AFNOR Certification
11, rue Francis de Pressensé
93571 Saint Denis La Plaine Cedex

Tel: + +33 (0)1 41 62 80 00
Fax: + +33 (0)1 49 17 90 00
Websites: <http://www.afnor.org> and <http://www.marque-nf.com>
Email: certification@afnor.org

Certification Body:
CNPP – Certification Department – CNPP Cert.
Route de la Chapelle Réanville
CS 22265
F-27950 SAINT MARCEL

Tel: (33) 2 32 53 63 63
Fax: (33) 2 32 53 64 46
Website <http://www.cnpp.com>
Email: certification@cnpp.com

Section 3

OBTAINING CERTIFICATION: acceptance procedures

3.1 Definition of an application

3.1.1 Initial application

An initial application comes from a body corporate (the applicant as meant by the definition given in § 1.1.2) that does not have the right to use the NF and A2P marks for electronic security equipment.

Each product covered by the application is identified by a trademark, a commercial reference specific to the product presented and (if applicable) to the reference range to which it belongs and the associated technical characteristics.

The application shall be submitted in accordance with the conditions and model documents provided in Section 7.

3.1.2 Subsequent application

A subsequent application comes from a license holder that already has at least a right to use the NF and A2P marks for electronic security equipment, and concerns:

- an application for the certification of new products,
- an application for the certification of products already certified but manufactured in one (or more) unit (s) other than that / those already known and/or by processes significantly different from those already known for the license holder in question,
- An application for an extension (major or minor change) concerning a variant request for a product already certified,
- A maintained right application (piggybacking the mark) comes from a license holder for an NF and A2P certified product, involving electronic security equipment which is to be marketed under a different brand and / or commercial reference and by a legal entity other than the original license holder without changing the characteristics of the certified product.

The application shall be submitted in accordance with the conditions and model documents provided in Section 7.

3.2 Filing a certification application file

The application is only possible if the applicant / license holder meets the definition given in § 1.1.2.

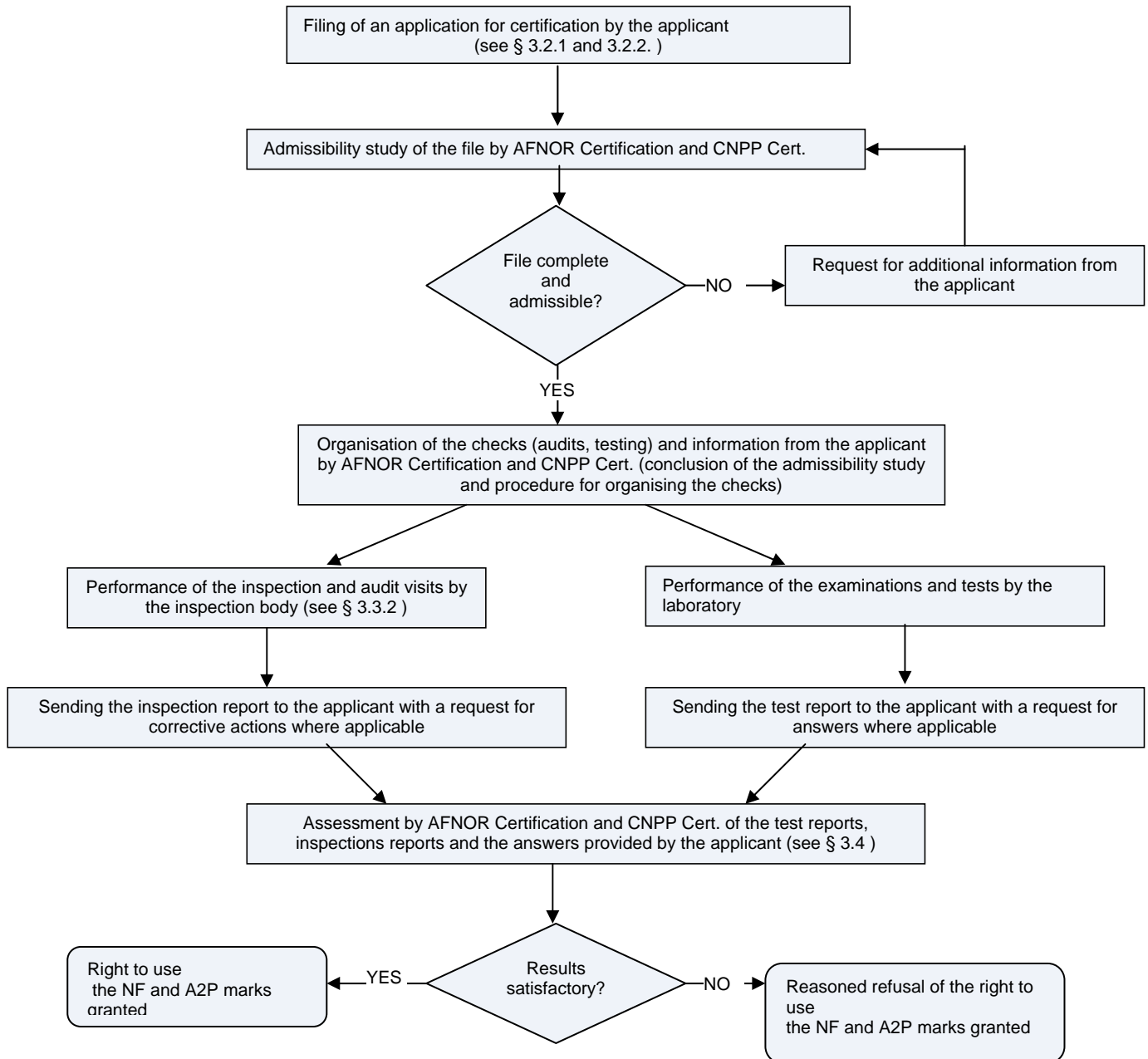
Before filing the application, the applicant shall ensure that it meets the conditions defined in these certification rules, in particular Section 2, with regard to its product and/or the production site(s) in question. It shall undertake to comply with the same conditions throughout the period of use of the NF and A2P marks.

The application shall be submitted in accordance with the conditions and model documents provided in Section 7.

Upon receipt of the application, the following process is initiated:

- Application admissibility
- Conducting inspections and verifications,
- Assessment and decision.

Synoptic diagram for the processing of a certification application



3.2.1 Admissibility of the application

Upon receipt of the application file, the certification bodies check that:

- all required documents are attached;
- elements contained in the technical file meet the requirements of the certification rules.

The certification bodies acknowledge receipt of the file (a file number is communicated to the applicant) and also ensure the availability of all the means required to satisfy the application. They may request additional information in order to ensure the admissibility of the file if it is incomplete.

Once the file is complete and the application is admissible, the certification bodies organise the inspections and checks, and notify the applicant of the organisational arrangements (audit / inspection body, audit period, sites to be audited, tests to be performed, products to be sent to the laboratory, etc.).

The certification bodies transmit the file to the laboratory, which verifies that all the attached documents fully correspond to the product presented (test reports, parts list, drawings, descriptions, etc.) and they have sufficient items to start the first phase of testing.

The certification bodies then decide on the administrative admissibility of the application.

3.2.2 Case of an application to extend a certification or for a variant

Any application for a variant or to extend the certification of a product shall be declared beforehand to the certification bodies so that the appropriate procedures can be implemented to study its impact.

There are several types of extension/variant options for a certified product, i.e.

- A **major modification** that may result in a change to one or more characteristics requires an application for extension with laboratory tests and/or approval,
- A **variant** involving a modification in one item as an alternative to an already existing solution, with or without affecting the essential characteristics as certified,

In both cases, the license holder may only affix the NF & A2P mark on a product when that product has been certified in accordance with the new solution covered by the license holder's application.

- A **minor modification** corresponds to the replacement of an item of a certified product without affecting the essential characteristics as certified.

If reported beforehand, a minor modification can be immediately implemented by the license holder.

Currently authorised minor modifications are:

- Cosmetic changes related to the design style of the equipment (excluding detector housings)
- Modification intended to replace a component or a small electronic assembly in order to constitute a second source of supply,
- Changing the simple routing of a circuit without jeopardising the EMC tests,
- Correction of a software system designed to remove a bug without affecting the characteristics or capacity of the software,
- Change in the trade name of the product.

Any modification that does not change the certified characteristics is considered minor.

A careful review of each application will be made by the certification bodies in order to update the list of modifications declared as being minor.

With each application, a copy of the modified documents is to be attached to the statement of modification.

Statements of modification are limited to 5 for the replacement of small assemblies. After the fifth declaration, the manufacturer shall be required to file for an extension application, restating all 5 previous declarations. The laboratory will then validate all the prior modifications.

On the sixth statement of change, the certification bodies require the manufacturer to reformulate its request as a major modification.

In case of discrepancies identified by the laboratory during the surveillance tests, the license holder shall imperatively provide the evidence for the statements it has made. The report will then lift any reservations.

The license holder states the variants/extensions it plans to make to the product, using the same procedure as for the initial certification (see the corresponding model letters in Section 7).

Change in the NF and A2P certificate number in the event of an extension/variant

This number comprises a ten-digit root specific to the certified product, and a second part comprising an alphabetical index and a numerical index:

Example: **3130210352A0** (ten-digit root of the number + alphabetical index + numerical index)

In the root:	313	corresponds to the code allocated to the product/type pair
	021	corresponds to the license holder code,
	0352	corresponds to the order number of the product,
In the second part:	A	alphabetical index which corresponds to a variant of the product
	0	numerical index corresponding to the modification index of the product

An accepted variant does not lead to a change in the root of the certificate number (ten-digit number), the alphabetical index after this number switches to the next letter and the numerical index is reset to zero, for example: 3130021958**A2**, switch to: 3130021958**B0**.

An accepted major modification changes neither the root of the NF and A2P certificate number nor the alphabetical index; on the other hand, the final numerical index switches to the next index, as follows: 1 to 2, 2 to 3, etc.

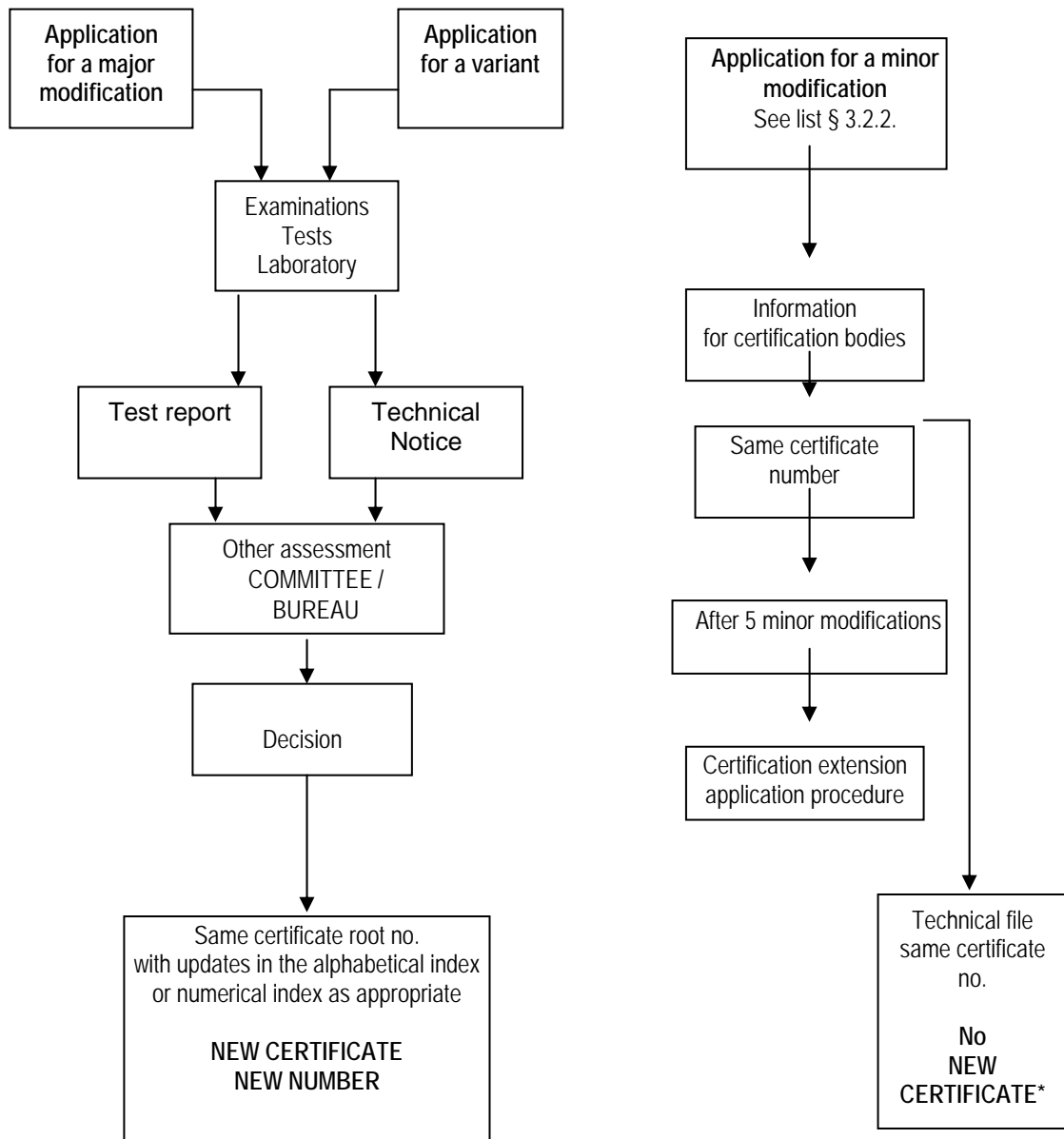
For example, 3130021958**A2** switches to 3130021958**A3**.

When accepted, a minor modification does not result in any change in the certificate number.

CERTIFICATE EXTENSION/VARIANT management

UPDATING NF & A2P CERTIFICATE NUMBERS

Figure: 4



* A new certificate will be issued in case of change in the trade name and in case of the addition or the withdrawal of a component.

3.2.3 Case of a Maintained right application (piggybacking the mark)

The application shall be submitted in accordance with the conditions and model letters provided in Section 7.

Among other things, the application file shall include:

- an application from the product manufacturer to maintain the right to use the NF and A2P marks for Electronic security equipment (see Model Letter E in Section 7),
- the undertaking by the applicant dealer not to intervene on the product NF- and A2P- certified as Electronic security equipment (see Model letter B in Section 7).

3.2.4 Case of "CE" marking

In special cases where the product or components of the product covered by the application falls/fall within the scope of the regulations governing CE marking, examination of the application shall take into account the certification procedure related to the product.

3.3 Methods of checking

The admissibility checks carried out for the NF and A2P marks include:

- product testing;
- inspections / audits (hereinafter referred to as audits) carried out during visits.

The laboratory for the NF and A2P marks and the inspection agency may only conduct tests or visits after receiving the application from the certification bodies.

3.3.1. Type testing for admission, extension

The tests concern the characteristics and functions defined by standards, and the certified characteristics defined in § 2.5.

All examinations and compliance tests for any additional standards and specifications are the responsibility of the certification bodies (see § 5.1 and 5.2) according to the conditions defined by the applicable standards and testing procedures.

Procedure for carrying out type testing for admission in the laboratory

1st phase: The first phase includes checks on the compliance of the products with the indications in the file and with the functional requirements of the applicable technical reference document(s).

To carry out these checks, the laboratory first carries out the following:

- the study of the technical file package for the product,
- the partial identification of the product with the technical file package,
- the functional, performance and tamper security tests
- and, if appropriate, tests on any additional and / or optional functions.

After the first phase, the laboratory issues an assessment and sends it to the applicant with copies to the certification bodies.

If non-conformities with technical reference documents or discrepancies are found between the file and the product, the laboratory manager can decide to interrupt the ongoing trials; the laboratory reports these discrepancies in writing to the applicant and sends a copy to the certification bodies.

If non-conformities or discrepancies are found between the product and the file, the applicant may then choose from among the following options and specify same in writing to the laboratory and to the certification bodies:

- cancellation of the procedure, in which case the laboratory bills the tests carried out without issuing a report,
- stop the procedure, in which case the laboratory prepares a summary test report and bills the cost of the services provided,
- requests the tests continue without modification,
- modify its product.

The applicant shall then write to the laboratory and to the certification bodies indicating the provisions it intends to take before the resumption of the tests.

The tests are resumed depending on laboratory availabilities after the product and file have been modified. This modification may result in the applicant having to pay an additional fee, depending on the amount of work to be resumed.

2nd phase: The second phase includes all the other tests required by the technical certification reference document(s) including the environment tests (battery life, immunity, etc.)

Throughout the tests, a maximum of two modifications are allowed on the product model in the laboratory following problems during certification tests.

Should a technical incident occur during the second phase (malfunction, failure, etc.) that prohibits the continuation of the procedure, the laboratory interrupts it and informs the license holder / applicant and certification bodies. The laboratory drafts the test report.

The applicant can make a request to change the model in the laboratory. If the technical incident can be resolved by replacing the defective component with an identical component, then the above paragraph does not apply (this is allowed only once).

If no test is required, the examination of the file is purely administrative on the documents of the license holder / applicant. Otherwise, the complete tests are carried out in accordance with the technical reference document(s) i.e. the currently applicable standards and any additional provisions set out in Appendix 1 of these rules.

After the tests and on receipt of the complete validated technical file, within a maximum of 21 days depending on the date of testing, the laboratory sends the applicant (with the certification bodies on copy) the test report integrating the list of drawings and parts lists submitted.

The laboratory then dates, signs and stamps the file attesting that the parts lists and drawings are consistent with the product presented, thereby enabling all subsequent identification.

The models used during the tests can only be returned to the applicant after the certification bodies have issued their assessment.

Observations

Under certain conditions, the applicant may attend some or all of the tests, subject to compliance with the conditions of confidentiality implemented by the laboratory. It may request that the tests be interrupted at any time, in writing to the laboratory and with a copy to the certification bodies. Any interruption of the tests automatically results in the application process being closed. A report of tests carried out, marked on all the pages with the endorsement "suspended at the request of the applicant" may be drafted on its request. The applicant / license holder is liable for the amount of fees and the costs of testing and is not entitled to reimbursement of all or part of the deposit.

Special cases

The technical examination of a product covers all the essential certified characteristics as provided for in the reference documents.

However, a simplified procedure can be applied when a product is sufficiently similar to a model already tested from the same production unit.

Applicants / license holders wishing to benefit from this procedure should apply in writing, including a file substantiating their reasons. This procedure only applies to new products that are not yet admitted and whose trade name constitutes their sole difference from an already-certified product.

Control sample left with the laboratory

Any product used for testing is identified by the laboratory and is deposited with the latter. It will be used in particular as a reference when carrying out tests on sampled products, and to monitor applications for certification extensions.

After carrying out the tests and after certification, the laboratory seals a sample compliant with the certified product. This product is sent to the license holder and shall be kept available on the production site for follow-up audits.

The control sample shall be made available to the inspection agency and certifications bodies.

Control samples are retained by the laboratory until the product is certified.

Conditions for acceptance by the private testing certification process:

Private tests carried out in a laboratory as specified in these rules can be taken into account in the certification process.

The request is admissible if:

- The applicant submits test reports with a date of issuance less than 12 months old,
- The applicant provides all the corresponding complete products,
- The applicant agrees in writing to the fact that products submitted for certification are strictly identical to those that are covered by the reference test reports,

In such cases, three scenarios can arise:

- The laboratory in question refuses the resumption of testing and gives the reasons to the applicant with copies to the certification bodies,
- After identifying the models in question, the laboratory requests further tests (with justifications), and proposes a quote that must then be formally accepted by the applicant,
- After identifying the models in question, the laboratory publishes a report integrating the corresponding test reports proving that it accepts as part of the certification process the private tests previously carried out outside the certification process.

3.3.2 The admissibility audit

The examination of an application for first-time certification includes an inspection of the entities in charge of the design, production and marketing of the product(s) covered by the application. These audit visits are to ensure that the provisions defined and implemented by the applicant in terms of quality control and marking meet the requirements of § 2.6 and § 2.8 of these certification rules.

Should the applicant subcontract part of its design and / or manufacturing, an inspection of the said subcontractor(s) is carried out on the basis of the same rules with regard to the subcontracted sub-assembly/assemblies.

In the event of a further application for a new product by a license holder of the NF and A2P marks, an additional inspection specific to this new type of product can be scheduled.

With respect to the NF and A2P marks, these checks include both audit and inspection dimensions. The audits cover the provisions for the Quality System of the applicant / license holder, and the inspections cover the provisions relating to the examination of the manufacturing of the product for which certification is being applied for.

The normal duration of a first-time certification audit inspection is one day per site. It also depends on the number of products presented for certification and may be modified jointly by the inspection body and the certification bodies after reviewing the file.

The dates of visits are determined by common agreement between the applicant and the auditor in accordance with a schedule set by the certification bodies.

In all cases, all the resources (buildings, facilities, equipment) enabling the inspectors to carry out their task shall be made available, as well as the persons responsible for their implementation.

At the closing meeting, the auditors present their findings to the applicant and remit an inspection completion form. The auditor prepares the report no later than 4 weeks after completion of the audit and forwards it to the certification bodies. This report is then communicated to the applicant.

For each discrepancy, the applicant shall submit to the certification bodies a list of planned or implemented actions, giving the lead-time for implementation and the persons responsible.

The certification bodies analyse the adequacy of the answers and may also request an additional inspection.

3.3.3 Samples of products for first-time certification and/or extension requests

To process applications for certification and/or extension, auditors may have to take samples of products on request from the certification bodies in order to carry out laboratory tests (identified in Section 5).

3.4 Assessment and decision

The certification bodies assess the audit and test reports linked with the application.

Based on the results of all the checks, and if necessary after consulting the special committee, the certification bodies notify their decision as follows:

- Right to use the NF and A2P marks granted,
- Right to use the NF and A2P marks refused, with explanation.

When test reports are submitted by the certification bodies for assessment by the special committee (first-time certification of a new license holder or a new product from a license holder), they must only include a list of the main certified performance characteristics and the additional and/or optional functions, with the statement that they do not affect the operation of the product with respect to the requirements of the technical reference document.

If the right is granted, the certification bodies send the applicant the certificates of the right to use the NF and A2P marks.

The certificates are valid for 3 years.

The procedures for communication on the certification are defined in § 2.7 and 2.8 of these certification rules.

In special cases where the certification is awarded after completion of testing on a prototype, the certification bodies may require the identification and a possible additional test on a product sampled after carrying out the 1st series, in order to verify that the manufactured product complies with the tested product.

If the right is refused, the applicant can contest the decision by submitting a request to the certification bodies in accordance with Article 11 of the General Rules of the NF mark and § 8 of the General Rules (reference H0) of the A2P mark.

Section 4

MAINTAINING CERTIFICATION: the monitoring procedures

4.1 General monitoring procedures

Throughout the life of the certification, the license holder shall:

- meet the requirements defined and outlined in 0:
 - certified characteristics of the product
 - quality control
 - marking methods
- continuously update its certification file(s);
- systematically request certifier permission to change any of the characteristics of the certified product.

Certified products are monitored by the certification bodies immediately upon NF and A2P certification.

The monitoring carried out on the NF and A2P marks includes audits of the production units and sub-contracting or retailing sites as appropriate.

It also involves monitoring the use of the NF & A2P marks and single NF & A2P logo on the products, packaging and communication media in question.

The laboratory and inspection body of the NF and A2P marks may only carry out tests on samples, technical inspections or follow-up audits after receiving a request from the certification bodies to do so.

All the resources (premises, facilities, equipment) enabling the laboratory or the auditor to perform their duties shall be made freely available, as well as the staff responsible for their implementation.

4.2 Inspection procedures: follow-up visits

4.2.1 Content of follow-up visits

Follow-up visits are conducted on the same principles as those explained in the section on the first-time certification procedure, § 3.3.2.

Their purpose at the **license holder** site is to:

- verify compliance with the quality control requirements in § 2.6 of these certification rules.
- verify the modifications if any in the organisation of the production unit, retailing and inspection services since the previous visit,
- verify compliance with the marking requirements specified in § 2.8 of these certification rules.

The normal duration of a follow-up audit visit is one day per site. It also depends on the number of products to be monitored and may be modified jointly by the inspection body and the certification bodies after reviewing the file.

The dates of the visits are determined by common agreement between the license holder and the auditor, in accordance with a schedule set out by the certification bodies; should the certification bodies so decide, the visits may be unannounced.

In all cases, all the resources (premises, facilities, equipment) enabling the inspectors to carry out their task should be made freely available, as well as the persons responsible for their implementation. When the auditor is on-site, if it proves impossible to conduct the visit as planned for reasons dependent on the license holder, the inspector may proceed to sample certified products from the stock or production lines. These samples will be sealed and left on-site. A further visit will be scheduled and include, in addition to the audit and inspection, verification of compliance with the production record of the material previously sealed.

At the closing meeting, the auditors present their findings to the applicant and remit an inspection completion form. The auditor prepares the report no later than 4 weeks after completion of the audit and forwards it to the certification bodies. This report is then communicated to the applicant.

For each discrepancy, the applicant must submit to the certification bodies a list of planned or implemented actions with the lead-time for implementation and the persons responsible.

The certification bodies analyse the adequacy of the answers and may also request an additional inspection.

4.2.2 Frequency of follow-up visits

The frequency of visits is annual.

The frequency may be decreased to every 2 years if:

- The production unit has been certified according to the NF EN ISO 9001 standard issued by a certification body accredited by a member of the EA,
- and
- The production unit has been audited, in the framework of the current application of NF and A2P marks, without any sanction for 2 years.

Table 5: Requirements subject to inspection during audits

SECTION OF STANDARD NF EN ISO 9001:2008	QUALITY ORGANISATION REQUIREMENTS	NF and A2P requirement Option 1 Quality System certified by a recognised body	NF and A2P requirement Option 2 Quality System not recognised or certified
4.1 a) to e)	Identify the processes and their interactions and the process resources, control and monitoring needed	X	X
4.2	Documentation requirements	X	X
4.2.1 and 4.2.2	The documentation must include a quality policy, a manual, a few procedures, a description of the processes, and records.	X	X
4.2.3.	Control of documents	<i>Simplified</i>	X
4.2.4.	Control of records	<i>Simplified</i>	X
5.1	Management commitment: communicate the importance meeting customer requirements, establishing a quality policy, setting quality objectives, management reviews, resources provision.	X	X
5.2	Customer focus	X	X
5.5	Responsibility, authority and communication	X	X
5.5.1.	Responsibility and authority	<i>Simplified</i>	X
5.5.2.	Management representative	<i>Simplified</i>	X
5.5.3.	Internal communication	X	X
5.6	Management review	X	X
6 -	Resource management	X	X
7.1	Planning of product realization	X	X
7.2.1.	Determination of requirements related to the product	X	X
7.2.3.	Customer communication	X *	X
7.3.7.	Control of design and development modifications	X	X
7.4	Purchasing	X	X
7.5.1.	Control of production and service provision	<i>Simplified</i>	X
7.5.2.	Validation of processes for production and service provision	X	X
7.5.3.	Identification and traceability	X	X
7.5.5.	Preservation of product	<i>Simplified</i>	X
7.6	Control of monitoring and measuring devices	<i>Simplified</i>	X
8.2	Monitoring and measurement	X	X
8.2.1.	Customer satisfaction	X	X
8.2.2.	Internal Audit	<i>Simplified</i>	X
8.2.3.	Monitoring and measurement of processes	<i>Simplified</i>	X
8.2.4.	Monitoring and measurement of products	X	X
8.3	Control of non-conforming product	<i>Simplified</i>	X
8.4	Analysis of data	X	X
8.5.2.	Corrective action	X	X
8.5.3.	Preventive action	X	X
Customer complaint handling	<i>Specific to NF & A2P</i>	X	X
Inspections during manufacturing	<i>Specific to NF & A2P</i>	X	X
Inspections on finished products	<i>Specific to NF & A2P</i>	X	X

Intensive monitoring

In case of a failure to comply with these certification rules, the certification bodies may step up monitoring through additional visits.

This intensive monitoring may also be accompanied by stricter product controls.

The procedures for intensive monitoring, as well as those applicable to the return to normal monitoring, are defined on a case by case basis by the certification bodies, with assessment where appropriate by the committee.

4.2.3 Third party product controls

Follow-up tests

Every year, the sampling schemes are forwarded to license holders. Certified NF and A2P products can be sampled from stock in the production unit by the inspector/auditor during the visits.

These samples can be taken from retailer sites. If the production site(s) concerned are not audited, the license holder shall forward the samples during the first quarter of the current year.

Samples are taken from 20% of the products for each of the 4 families defined in § 1.1.5.1 and 20% of the products for the access control management systems defined in § 1.1.5.2.

When a manufacturer handles from 1 to 4 certified products per product family, these products shall be sampled once every 5-year period.

In the case of products covered under a maintained right to use the NF and A2P marks, only the product available on the market or at the production units during the audit is sampled.

The tests carried out on sampled products are as follows:

- Identification of the product in comparison with the file,
- Operating tests,
- Self-protection operating tests, etc.,
- Tamper security test in a real-life situation,
- Verification of power consumption levels in the different states (if applicable).

Configuration of the delivered product

Certified NF and A2P products shall leave the factory in a version consistent with the certified product.

Certain components involved in the product but which are not assembled on the certified product when delivered must accompany the product.

4.2.4 Checks after lawsuits, claims, disputes, etc.

The certifications bodies reserve the right to perform or have performed any checks they deem necessary further to lawsuits, claims, complaints, disputes, etc. which may be brought to their attention relating to the use of the NF and A2P marks. In particular, checks on certified NF and A2P products may be instituted in the trade and retail phase.

4.3 Assessment and decision

The assessment procedures are identical to those in the first-time certification procedure described in § 3.4.

Subject to the results of the various tests carried out as part of this NF and A2P certification, the NF and A2P certificate for electronic security equipment is reissued for a period of three years.

In the event of discrepancies with respect to these certification rules, the sanctions provided for in the General Rules of the NF mark and in the General Regulations H0 of the A2P mark of the CNPP are taken as part of the monitoring of NF- and A2P-certified products.

There are three types of sanctions, which depend on the severity of the discrepancy:

- **Warning**, with or without tighter controls at the expense of the license holder;
- **Suspension** of the right to use the NF and A2P marks for a specified period;
- **Withdrawal** of the right to use the NF and A2P marks.

- A warning is a non-suspensive sanction, and the product remains NF & A2P-certified,
- A suspension is accompanied by a ban on displaying the NF and A2P marks on future production.
- The withdrawal of the right to use the NF and A2P marks is a penalty that cancels the license holder's right to use the NF and A2P marks for that product.

The license holder can contest the decision by submitting a request to the certification bodies in accordance with Article 11 of the General Rules of the NF mark and in § 8 of the General Rules (reference H0) of the A2P mark.

4.4 Statement of modifications

This section outlines the information to be provided and the steps to take in the event of modifications affecting:

- the license holder
- the production unit
- the quality organisation of the site(s) involved in the design, manufacture or marketing of the certified product
- the product

In cases not covered above, the certification bodies determine whether the modifications jeopardise the certification and whether to carry out a further inspection.

4.4.1 Modifications concerning the license holder

The license holder shall promptly notify the certification bodies in writing of any legal change in its company or company name.

In the license holder is the focus of merger, liquidation or takeover proceedings, all its the rights to use the NF and A2P marks cease by operation of law.

A new application may be filed and the examination may be simplified depending on the modifications.

4.4.2 Modifications concerning the production / retailing unit

Any transfer (total or partial) of the production unit (of the license holder or a subcontractor) of an NF- and A2P- certified product to another production / retailing site shall result in the immediate cessation of NF & A2P marking by the license holder on the products transferred, in any form, shape or manner whatsoever.

The license shall declare the transfer in writing to the certification bodies, who then organise, depending on the case, the following controls:

- Transfer to an unknown production unit or set up of a new production line: admissibility audit + product sampling
- Transfer to a known production unit already involved in the NF and A2P:
 - Products of the same family already manufactured and audit scheduled in the year: product sampling will be done during the audit
 - Products of the same family already manufactured but no audit scheduled in the year: complementary audit or bringing forward the audit scheduled on Year + 1

The assessment and decision procedures concerning the renewal of the certification are identical to those of the first-time certification procedure described in § 3.4.

4.4.3 Modifications concerning the quality organisation of the production/retailing unit

The license holder shall notify the certification bodies in writing of any proposed amendment to its quality organisation that may affect the compliance of production / retailing with respect to the requirements of these certification rules (modifications to its facilities, quality plans, etc).

In particular, it shall declare any modifications to the certification of its quality management system.

Any termination of internal control on a NF- and A2P-certified product shall result in the immediate cessation of NF & A2P marking thereof by the license holder in any form, shape or manner whatsoever.

If necessary, temporary solutions shall be planned and presented with this statement and validated by the certification bodies before any actual modification in the quality organisation.

The certification bodies may issue a decision suspending the right to use the NF and A2P marks for the products in question until resumption of the controls normally scheduled.

4.4.4 Modifications to the certified product

There are two types of modifications to an NF- and A2P-certified product: major modifications and minor modifications. Any modification shall be subject to a written application to extend the license submitted to the certification bodies before its implementation.

- **A major modification** applies to any modification that may alter the certified characteristics.

The certification bodies determine the nature and number of tests – complete or partial – to be carried out and inform the license holder after notifying the laboratory.

A major modification falls within the scope of an extension (see the definition in the Glossary in Section 8).

- **A minor modification** does not alter the certified characteristics.

A modification to the certified product may be final, temporary (*e.g. due to difficulties in supplying a component, etc.*) or be a variant to the original certified product (*e.g. second source of supply of components, etc.*).

These cases shall be reported and justified in the Model Letter D (modification) or Model Letter C (variant) in Section 7 of these certification rules.

4.4.5 Temporary or permanent cessation (withdrawal) of manufacturing/retailing

Any temporary cessation of manufacturing of an NF- and A2P-certified product exceeding one year, or the withdrawal of a right to use the NF and A2P marks, shall be declared in writing to the certification bodies, specifying the length of time required to sell off the inventory of products branded with the single NF & A2P logo.

After that period, the suspension or withdrawal of the right to use the NF and A2P marks is decided by the certification bodies.

In the case of withdrawal, the license holder shall take all the measures required to stop the distribution, from the date of withdrawal of the right to use the NF and A2P marks, of any publicity or information (documents, advertising materials, headed stationery, etc.) referring to the NF and A2P certification for the product in question on any tangible media (hardcopy, etc.) or intangible media (e-mail, websites, etc.) operated by the license holder.

Should it resume manufacturing, the license holder shall inform the certification bodies who will then determine the nature of the checks to be carried out in order to restore the right to use the NF and A2P marks for the products in question.

4.5 Conditions for removal of mark in the event of sanctions or non-conformities

The license holder shall:

- cease immediately to deliver any products in question branded with the single NF & A2P logo held in inventory;
- ensure the repatriation of the products in question held in inventory at retailers and resellers of these products;
- establish and send in writing to the certification bodies a detailed inventory of the products in question branded with the single NF & A2P logo;
- take all measures required to identify the lots in question;
- withdraw the mark from all the products in question or, if this is impossible, ensure their destruction;
- stop the distribution of any advertisement or information (documents, advertising materials, headed stationery, etc.) referring to the NF & A2P certification for the product in question on any tangible media (hardcopy, etc.) or intangible media (e-mail, websites, etc.) operated by the license holder;
- substantiate the conservatory measures that have been taken to the certifications bodies.

The certification bodies may initiate an audit of the storage, production and retailing facilities to ensure the effective withdrawal of the mark from the products. The inspections shall be carried out at the company's expense.

Section 5

STAKEHOLDERS

This section contains the names, address and functions of the bodies involved in the management and operation of joint NF and A2P certifications covered by these certification rules.

5.1 The certification body AFNOR Certification

AFNOR Certification ensures that all the contributors correctly perform their duties with regard to the role and responsibilities of each as defined hereinafter.

AFNOR Certification
11, rue Francis de Pressensé
93571 LA PLAINE Saint Denis Cedex

Tel: + 33 (0)1 41 62 80 00

Fax: +33 (0)1 49 17 90 00

Websites: <http://www.afnor.org> and <http://www.marque-nf.com>

Email: certification@afnor.org

5.2 Certification Body: CNPP – Certification Department

CNPP Cert. ensures that all the contributors correctly perform their duties with regard to the role and responsibilities of each as defined hereinafter.

CNPP – Certification Department – CNPP Cert.

Route de la Chapelle Réanville

CS 22265

27950 SAINT MARCEL

Tel: (33) 2 32 53 63 63

Fax: (33) 2 32 53 64 46

Website <http://www.cnpp.com>

Email: certification@cnpp.com

CNPP Cert. also acts as the one-stop shop.

5.3 The laboratory and the inspection body

5.3.1 Laboratory

The examinations, tests and technical inspections on products carried out at the request of certification bodies during the procedures for certification, extensions or renewals shall be performed in the following laboratory:

CNPP
Laboratoire Electronique Malveillance du DPMES
Route de la Chapelle Réanville

CS 22265
27950 SAINT-MARCEL

☎: +33 (0)2 32 53 64 49
Fax: +33 (0)2 32 53 64 96

5.3.2 Inspection body

The visits / audits carried out on-site during certification, renewal, extension or continuation procedures are made at the request of certifications bodies by the following agency:

CNPP
Service IAT – Electronique de sécurité
Route de la Chapelle Réanville

CS 22265
27950 SAINT-MARCEL

☎: +33 (0)2 32 53 64 97
Fax: +33 (0)2 32 53 64 96

5.3.3 Recognition of tests carried out by other laboratories

Tests performed by an associated testing laboratory of the EFSG (European Fire and Security Group) can also be taken into account. Further information is available on www.efsg.org.

5.4 The special committee

5.4.1 Composition

All the participating members of the special committee are subject to the charter for members of the AFNOR Certification Committee and to similar requirements of CNPP Cert.

- a Chairman
- a Deputy-Chairman (AFNOR Certification)
- a Deputy-Chairman (CNPP Cert.)

College of manufacturers / retailers (8 to 12)

- Eight to ten** representatives of the license holders of NF and A2P marks
- 1 to 2 representatives of one or more trade federation(s)

College of users / specifiers (8 to 12)

- Eight to twelve** representatives of users / specifiers

College of Administration and technical bodies (8 to 11)

- Five to eight** representatives, including:
 - 1 representative of AFNOR Normalisation represented by the UTE,
 - 1 representative of the Technical Department of the CNPP,

The certification bodies take all the requisite measures to ensure that there is no dominance of any vested interest.

5.4.2 Role and operation of the special committee

The special committee is a certification committee as provided for in Article 3.3 of the General Rules (H0) of the A2P mark. Its purpose is to:

- advise on all matters relating to NF- and A2P-certified products and forward them to the relevant agencies (standards committee, Administration, laboratories, etc.),
- advise on the certification rules, technical reference documents and testing procedures proposed by the working groups, propose where required any interpretation files for the technical reference documents and test procedures in order to implement the texts properly and fairly,
- where necessary: advise on applications for the NF and A2P certification of products according to the requirements in these NF and A2P certification rules.

The certification bodies can, on their own initiative or further to a proposal of the special committee, set up working groups to discuss specific issues that are submitted to them.

The members of the special committee are appointed for 3 years, and the position is automatically extended. The position of Chairman shall be renewed every 3 years by the committee electing of a member of one of the three colleges.

Section 6

FINANCING

The purpose of this section is to define the nature of the services relating to NF and A2P certification and to describe the methods of payment for same.

The amounts corresponding to these various services are expressed in Euros and are subject to annual review, decided after consultation with the various parties involved. They are published at the beginning of each year and sent to each license holder. They are available from the certification bodies on request.

6.1 Services involved in certification

The services involved in NF and A2P certifications break down as follows.

6.1.1 Registration fees

An initial entry fee is charged on first application for certification from an entity that holds no NF and A2P mark covered by these rules.

It is a lump sum contribution for the investments made to implement the application of NF and A2P certifications for electronic security equipment, in particular the development of the certification rules and any future revisions.

It is invoiced by the one-stop shop on receipt of the first application for certification.

6.1.2 Processing of applications (files)

The amount collected covers the following services:

- The processing of applications (first-time certification, continuation, extension, variant)
- Examination of the files;
- Relationships with applicants, laboratories and audit and inspection bodies;
- The assessment of the results of the inspections;
- Where appropriate, submitting files to the committee.

Invoiced by the one-stop shop on receipt of the request, the fee for these services is still acquired even if the right to use the NF and A2P marks is not granted or if the application is withdrawn while under investigation.

Reworking of files (due to technical non-admissibility)

When an application has been filed (for first-time certification, further certification, extension, modification, etc.) and the technical investigation fails (due to technical non-admissibility), after modifying its file and / or product(s) the applicant / license holder may apply for technical approval a second time. The service involved in re-approving the same file and / or product(s), a fee equal to 50% of the original amount, is invoiced by the one-stop shop (see the sections in the annually updated Rate Table).

6.1.3 Annual fee per license holder manufacturer or retailer proportional to the sales turnover of NF- and A2P-certified products

This fee covers the following services:

- the general operation of this application (accreditation, management of special committees, etc.);
- the regular updating of the CNPP website including the publication of lists of certified products;
- the management of certified product packages and license holder files;
- the assessment of test results used for monitoring certified products.

This annual fee, called "year n", is proportional to the sales turnover in France in Euros for NF- and A2P-certified products (according to the statement of net sales for the year n-1). It is invoiced by the one-stop shop at the beginning of each year.

This fee is still acquired even in the event of the suspension – total or partial – or withdrawal of the right to use the NF and A2P marks (see the sections in the annually updated Rate Table).

6.1.4 Annual fee per license holder site

This fee is proportional to the number of sites of the license holder which are subject to a follow-up audit.

This fee covers the management and analysis services of follow-up audits.

6.1.5 Annual fee per certified product of the license holder manufacturer or retailer

The amount of this fee is proportional to the number of certified products of the license holder in the list of NF- and A2P-certified products.

This fee covers the following services:

- routine certification management and the follow-up of sample test results,
- the publication of the lists of NF- and A2P-certified products,
- the renewal of NF and A2P certificates.

6.1.6 Annual fee per trademark (manufacturers **AND** retailers)

This fee is proportional to the number of trademark(s) of the license holder appearing in the list of NF- and A2P-certified products.

6.1.7 Annual fee per license holder and commercial reference in the list of NF- and A2P-certified products

This fee is calculated based on the number of certified products appearing in the list of license holders.

6.1.8 Right to use the mark

The right to use the NF mark covers the following services:

- the general operation of the NF mark (integration with the quality management system, management of special committees, etc.);
- the protection and defence of the NF mark (filing and protection of the mark, legal advice, processing of appeals, court costs, etc.);
- helping in the generic promotion of the NF mark.

The right to use the NF mark represents 5% of all the fees for the services related to NF and A2P activity. It is also collected on the fees for audits and tests invoiced by the inspection agency and the Laboratory.

6.1.9 Right to use the mark

The right to use the A2P mark covers the following services:

- the general operation of the A2P mark (integration with the quality management system, management of special committees, etc.);
- the protection and defence of the A2P mark (filing and protection of the mark, legal advice, processing of appeals, court costs, etc.);
- the generic promotion of the A2P mark.

The right to use the A2P mark represents 5% of all the fees for the services related to NF and A2P activity. It is also collected on the fees for audits and tests invoiced by the inspection agency and the Laboratory.

6.1.10 First-time certification audits and tests

In all cases (inspections prior to first-time certification, during follow-up, additional inspections), the audit / inspection and test services are invoiced directly by the laboratories and technical bodies in question according to their own procedures.

The fee for these services is still acquired even if the right to use the NF and A2P marks is not granted or if the application is withdrawn while under investigation.

The costs of first-time certification tests corresponding to laboratory charges for the NF and A2P marks are forwarded on request, and depend on the type and number of tests performed.

The laboratory sends a specific quote to the applicant / license holder for each test application.

After approval of the applicant / license holder, the test costs (laboratory charges) are invoiced directly by the laboratory according to its own procedures.

Mission travel expenses are added to these fees.

6.1.11 Follow-up audits and tests on samples

The services of follow-up audits and testing samples are invoiced directly by the laboratories and the inspection bodies in question according to their own procedures.

The charges of the inspection body and the laboratory do not include the right to use the NF and A2P marks (i.e. 2 times 5% of the cost of the service); the fee for this right is added to the invoice established by the service provider in question.

The cost of visits is calculated in proportion to the total time spent at the applicant / license holder site in non-divisible half-day fractions (if less than 4 hours) or daily fractions (if longer than 4 hours) and includes the preparation of the visit, the visit itself as well as report writing and the analysis of replies to discrepancies. They do not include mission travel costs, which vary from one license holder to another and are invoiced on top as a separate extra charge.

Mission travel expenses are added to these fees.

6.1.12 Additional checks

Additional checks (visits, tests, samples, etc.) required after deficiencies or non-conformities are found during routine checks are billed to the license holder. They are invoiced by the service provider performing the checks under the same conditions as the routine checks (cf. § 6.1.11 above).

6.2 Raising industry awareness of the mark

General initiatives to raise awareness of the NF and A2P marks are suggested by the special committee and decided by AFNOR Certification and the CNPP. The fees connected to the rights to use NF and A2P marks help finance them.

Where appropriate, the special committee may suggest industry-specific awareness-raising initiatives for the electronic security equipment industry.

In this case, the exact programme for the industry-specific communication is adopted by agreement between the special committee, AFNOR Certification and the CNPP.

It is then funded through a fee which is set each year. This fee is invoiced by the certification bodies in addition to other services

6.3 Collection of service fees

In accordance with the prescribed conditions, the applicant or license holder shall pay the cost of the fees invoiced by the various bodies involved in the certification process, each of which is entitled to recover all the sums due to them.

Any failure to do so by the applicant / license holder in effect prevents AFNOR Certification and CNPP from carrying out their inspection and intervention responsibilities as outlined in these certification rules.

If, when served by registered letter with acknowledgment of receipt, an initial summons to comply does not result in payment of all the amounts due within one month, all and any penalties provided for in § 4.3 may be applied to all the products admitted for certification of the license holder.

Section 7

CERTIFICATION FILES

The table on the following page sets the items that need to be filed with the one-stop shop for each type of application request. Model templates for letters/technical file packages are given in Appendix 3 and can be provided on request in Word (.doc) format by the one-stop shop.

The application letter and all the documents which cannot be completed in conventional word processing tools (i.e. documents requiring the use of specialised software or larger than A4 size, etc.) shall be sent to the certification bodies by regular mail. The other items in the package can be sent by email.

If the package is dispatched by regular mail, it is to be sent **in duplicate**.

All documents required shall be drafted in either French or English. The technical and operating instructions shall be written in French. The certification bodies reserve the right to request a translation into French of the documents attached to the original documents, in whole or in part, at the expense of the applicant.

In cases where the product comes from a plant located outside the European Economic Area, the applicant shall appoint a European representative to co-sign the application.

CAUTION!

Applicants have six months to complete incomplete applications. If the first reminder letter is not answered within one month, the application is disqualified and the costs of the study incurred are invoiced.

Invoices for down-payment shall be settled within 3 months, or the application is disqualified.

NF&A2P MARK HOLDER			
MAINTAIN THE RIGHT OF USE (retailer)			
License continuation (retailer)		standard letter B	
General Information (In French or In English)		LICENSE HOLDER: Business registration certificate (or equivalent)	
Quality file (In French or In English)		Cf. §A Technical / Industrial file (standard file G) <i>(only to provide if the application concerns a new family or in case of change of the reference documents)</i>	
Technical file (In French or In English)		Cf. §B Technical / Industrial file (standard file G)	
Product Information file (In French)		Cf. §C Technical / Industrial file (standard file G)	
NEW APPLICANT			
First application		standard letter A	
General Information (In French or In English)		APPLICANT: Business registration certificate (or equivalent) SUBCONTRACTOR(S): (if applicable): Subcontractor commitment (standard letter E) AGENT: (if applicable): Agent information form (standard letter F)	
Quality file and manufacturing file (In French or In English) <i>Cf. §A Technical / Industrial file (standard file G)</i>		APPLICANT: Quality Manual and ISO 9001 certificate (if applicable) MANUFACTURING SITE(S): SUBCONTRACTOR(S): - Quality manual and ISO 9001 certificate (if applicable) - Quality Plan and manufacturing inspection	
Technical file (In French or In English)		Cf. §B Technical / Industrial file (standard file G)	
Product Information file (In French)		Cf. §C Technical / Industrial file (standard file G)	
NEW ADMISSION APPLICATION			
New admission application		standard letter A	
Variant application		standard letter C	
Extension application (mineur or major modification)		standard letter D	
Adding a new manufacturing site / subcontractor		standard letter D	
General Information (In French or In English)		General Information SUBCONTRACTOR(S): Subcontractor commitment (standard letter E)	
Quality file and manufacturing file (In French or In English)		Quality file (In French or In English) Cf. §A Technical / Industrial file (standard file G) MANUFACTURING SITE(S): SUBCONTRACTOR(S): Quality Manual and ISO 9001 certificate (if applicable) - Quality Plan and manufacturing inspection plan	
Technical file (In French or In English)		Technical file (In French or In English) Updated technical sheet Updated technical file Cf. §B Technical / Industrial file (standard file G)	
Product Information file (In French)		Product Information file (In French) Updated information file Cf. §C Technical / Industrial file (standard file G)	

Section 8 GLOSSARY

Abbreviations

AFNOR Certification	Certification subsidiary of the AFNOR Group (Association Française de Normalisation)
CNPP Cert.	Certification department of the CNPP
NF and A2P	Quality marks NF: issued by AFNOR Certification A2P: issued by the CNPP

First-time certification:

Decision taken jointly by the two certification bodies granting the applicant the right to use the NF and A2P marks for an electronic security product. A **further certification** is generated for a new product manufactured in a factory which already has the right to use the NF and A2P marks.

Audit:

Systematic and independent examination to determine whether the activities and results in terms of quality comply with the pre-defined provisions and whether these provisions are effectively implemented and are liable to attain the objectives. Within the scope of the NF and A2P marks, the audit forms the part of the quality control site inspection.

Auditor:

Person mandated to carry out the initial or follow-up audit of a design site or production unit, in particular in order to assess the correlation of the quality control and product inspection procedures.

APAS (Access Point Actuator):

Mechanical assembly of an access control system (not covered by NF & A2P certification) designed to ensure access is blocked, controlled by access control processing units.

Shield:

Symbol of the classification category of an NF- & A2P-marked electronic security product based on criteria relating to its stand-by time and resistance to attempted theft/break-in and overall security level, in the context of compliance with the requirements of options 1, 2 and 3 (see § 2.5, Table 3 and Appendix 1).

The SHIELD is an essential certified characteristic.

3 SHIELDS:		highest security
2 SHIELDS:		medium security
1 SHIELD:		minimum security

Each category corresponds to the ability of the certified product to:

- ensure its intrinsic security (overall security level, resistance to attempted theft/break-in, etc.)
- provide information about its various states, each corresponding to the function it fulfils (transmitter, back-up alarm, etc.)
- ensure sufficient stand by time of the alternative power supply adapted to the risk

For example:

The tamper protection function:

- ▶ for 1 shield: not a requirement,
- ▶ for 2 shields: assembly is possible – can be added as an option,
- ▶ for 3 shields: is a requirement.

The stand-by time of the alternative power supply:

- ▶ for 1 shield: 12 hours minimum,
- ▶ for 2 shields: 36 hours minimum,
- ▶ for 3 shields: 60 or 72 hours minimum depending on the chosen function

Essential certified characteristic:

Displayed characteristic of a product whose authenticity has been checked and validated through the certification process. Providing consumers with details on these characteristics enables them to make an informed choice.

Committee:

Joint consultative body governing the certification process.

Compatibility:

Verified compliance of a product with the functional requirements and standards:

- of mutually certified products as part of a range,
- or
- of a listed component, associated with a certified product.

Listed component:

Component that enters into the composition of a certified product. A listed component associated with a certified product, referred to as the "father" product, usually adds a new functionality to the product, thereby creating a new certified product, referred to as the "son" product.

A listed component does not meet the requirements of a standard by itself. It can enter into the composition of one or more certified products including those of different license holders. It can add one or more functions to a certified product. If the listed component is used in the composition of a non-certified product, no reference to certification may be made. A listed component does not give rise to the issuance of a certificate.

Application:

Procedure by which an applicant requests the right to use the NF and A2P marks for one or more products.

Further application:

Procedure by which a license holder seeks to extend its right to use the NF and A2P marks for a new product that it manufactures.

Applicant:

See definition in § 1.1.2.

Retailer:

See definition in § 1.1.3.

Extension:

Procedure by which the right to use the NF and A2P marks is validated for a product which is already certified for one license holder and one site, after a statement of modifications, variants or options.

Product Family:

Series of products with similar functions and meeting specific standards.

Additional integratable function:

Additional function obtained via an external listed component associated with the basic product designed to be incorporated into the housing of the basic product without affecting the initial compliance of the certified product with the technical reference document used as a basis for certification (standard[s]), etc.).

Frequency of inspection:

Number of samples to be taken from the workflow of a uniform manufacturing batch.

Supplier:

Entity from whom an item in the parts list of a product is purchased from a catalogue.

If a holder entrusts the manufacturing of a component of the product to a third party but under its own specifications and control, then it is outsourcing.

Range:

Complete series of products offered by an applicant / license holder entering into the composition of a system, interconnected by one or more specific links ensured by one or more "proprietary" and "dedicated" protocol(s).

As a minimum, products constituting a range must maintain compliance with the functional requirements of the system standard.

- intrusion detection equipment: detecting, processing and triggering the alarm, as well as monitoring the integrity of the proposed system.
- access control management facilities: identifying, classifying access security, ensuring sufficient tamper security for all the components in the electronic access control system.

One-stop shop:

Body carrying out certification process management.

Inspection:

Part of the site visit involving the examination by inspectors of the NF and A2P marks of one (or more) product(s) and assessing the specific means used to ensure its (or their) compliance with the requirements in the certification rules.

Access point reader:

Device used to extract identification data or a biometric characteristic from a badge. The device may have a keyboard if the stored information is intended to be used.

Single NF & A2P logo:

Graphic representation of the NF and A2P marks, which are inseparable in the context of products covered by these rules.

Specific "proprietary" and "dedicated" link:

Specific wire loops or wireless link linking products using a specific, reserved protocol.

Specific "non-proprietary" and "non-dedicated" link:

Specific wire loops or wireless link linking products using a public protocol open to all.

Specific "non-dedicated" and "open" link:

Wire loops and wireless link linking products using a widely-available "public" protocol.

Specific Normally Open (NO) and Normally Closed (NC) link:

Specific protocol-less link based on open or closed, non-energised, potential-free contacts.

Agent

See definition in § 1.1.4.

Maintained right application (piggybacking the mark):

Procedure incurred when an admitted product is retailed under other trademark, either by the license holder or by a retailer.

The modification(s) made to admitted product(s) can only be changes to details involving the marking of the trade reference of the product and advertising material.

Compatible non-certified equipment:

Non-certified, non-certifiable product entering into the composition of a range without affecting the compliance of the assembly.

Marketing:

Process of making the product available for free sale.

Model:

Product presented to the laboratory to test for compliance with these certification rules.

A given model can serve as a basis for one or more certified products marketed by the license holder and / or different retailers under several brand names and under different certification reference numbers.

Modification (of an admitted product):

Definitive change made to a certified product.

A distinction is made between:

- Minor modifications (which do not affect the compliance of the product and which do not alter the main characteristics of a certified product),

- Major modifications (which do not affect the compliance of the product but which are liable to alter one of the main characteristics of a certified product).

Parts list:

Detailed, structured list of the components constituting the product (see "Product" definition below).

Certification Number:

Identification number of a certified product. The certification number is associated with:

1. A reference model compliant with the requirements of this reference document,
2. A license holder,
3. A commercial reference
4. A technical status of the certified product (ensured traceability of modifications and variants).

Quality Plan:

Document specifying which procedures and associated resources shall be applied by who and when, for a given project, product, process or contract.

Product:

Basic unit for certification. A product belongs to a family.

It may or may not enter into the composition of a range.

The first product initially certified is called the "father" product.

New certified products resulting from this "father" product after modification(s) are referred to as "son" products.

Certified product:

Product:

- consistent with the model presented for certification,
- attached to a license holder,
- attached to one or more production units,
- attached to a trademark and trade references.

A certified product must be marked with the NF & A2P logo.

A certified product is often associated with one or more listed components in the composition of a certified product.

Certified "father" product:

First product certified by a license holder with a given configuration.

Certified "son" product:

Product resulting from the addition or withdrawal of one or more components to or from a certified father product that has been assessed as compatible with the basic model in order to form a new certified product.

Non-certifiable product:

A non-certifiable product is a product for which there are no certification rules.

"Wire loop" product:

Product linked to other products by a wire loop link.

"Wireless" product:

Product linked to other products by a wireless network.

"Mixed" product:

Product linked to other products by a wire loop link and a wireless network.

Manufacturing Process:

Technique involving the machining and assembly of components specific to the model.

Protocol:

Language enabling dialogue between products. A protocol can be "proprietary" or "non-proprietary".

Renewal:

Decision taken further to the monitoring procedure for the prolongation of the right to use the NF and A2P marks.

Common Certification rules of the NF and A2P marks:

Document, referred to in this text or in the certification reference document, that specifies the conditions under which the rights to use the NF and A2P marks are awarded to the products covered by these certification rules, pursuant to the General Rules of the NF mark and the General Regulations (H0) of the CNPP,

Revision:

Modification of all or part of the certification rules.

Applicant / license holder site:

Unit in which all the design, manufacturing or assembly, packaging, marking, storage and retailing operations are carried out, and where all items required to ensure the traceability of the certified product from design to marketing can be obtained.

Sub-contractor:

Legal entity ensuring one or more of the phases below under the responsibility and supervision of the applicant / license holder.

In terms of the NF and A2P marks, a company shall be declared as a subcontractor by the applicant / license holder and shall be subject to the requirements of these rules (audits and procedures) if it fulfils any one of the six following functions:

- design of the finished product,
- purchase of the raw material(s) and acceptance testing of same,
- manufacturing of one or more sub-assemblies,
- assembly of the finished product (excluding packaging),
- inspection of the finished product,
- marking of the finished product (stamping and / or identification / traceability).

The subcontractor is not involved in any way in the marketing and/or post-marketing traceability of the finished product.

System:

Association of complete certified products which together form a system compliant with a system standard applicable to them.

Basic system:

Minimum combination of products that together delivers the following minimum functions: detecting, processing, triggering the alarm and respecting the integrity of the entire system proposed.

Access control system:

System which includes all the conceptual and organisational measures, as well as those applicable to the devices involved, that are required to control access.

Quality Management System (QMS):

Complete system of pre-established and systematic actions required to ensure adequate confidence that a product or service meets the given quality requirements.

License holder:

See definition in §1.1.1.

Type of electronic security equipment:

There are currently two types of NF and A2P certified products:

- 1/ intrusion detection devices
- 2/ access control systems for use in security application

ACSPU: Access control supervising processing unit

Processing unit that ensures the supervisory functions for ACPUs and / or LPUs.

This equipment ensures the access point interface, processing, signalling, and alert functions, and the power supply.

ACPU: Access Control Processing Unit

Processing unit allocated to one or more dedicated APAS.

This processing unit makes the decision to release one or several access points and manages the associated command sequence.

An ACPUs can be connected to one or more LPUs.

The ACPUs functions (see standard RT 50 133-1 § 4.1) can be distributed between several components or be integrated into a single housing.

LPU: Local Processing Unit

Processing unit common to all APAS.

This processing unit is designed to be installed locally, and ensures the processing of access points, sends commands to the local APAS and sends the information to the ACPUs.

The LPU functions (see Standard 50 RT 133-1 § 4.1) can be distributed between several components or be integrated into a single housing.

Variant:

Modification in one element of an already-existing alternative solution which may or may not affect the essential certified characteristics.

Appendix 1 TECHNICAL STANDARDS

RT (technical standards) and RTC (further technical standards) are available on request from the one-stop shop.

1.1 Applicable standards to all product families

STANDARDS AND TEST METHODS		
Revision	Date	Title of the document
NF EN 50130-4 / NF EN 50130-4A1 / NF EN 50130-4A2 / (C 48-300-4+A1+A2) NF EN 50130-4	April 1996 August 1998 April 2003 September 2011	Electromagnetic compatibility – Product family standard: Requirements concerning immunity of components of fire and intrusion detection systems and social alarm systems
NF EN 50130-5 (C 48-300-5) NF EN 50130-5	March 1999 September 2011	Alarm systems – Environmental test methods
NF EN 60529 NF EN 60529/A1 (C 20-010+A1)	October 1992 June 2000	Levels of protection provided by casing (IEC 529 - 1989) IP code
NF EN 62262 (NF C 20-015)	April 2004	Levels of protection provided by casing of intrusion detection equipment against external mechanical impacts (IK code)

1.2 Specific standards applicable to systems

SPECIFIC STANDARDS APPLICABLE TO SYSTEMS					
OPTION 2 or OPTION 3 Certification on the basis of European product standards			OPTION 1 Certification according to French product standards		
Revision	Date	Title of the document	Revision	Date	Title of the document
Wire-loop links			Wire-loop links		
NF EN 50131-1 and amend. A1	March 2007 January 2010	Alarm systems – System requirements	RT 48-205	July 2007	Intrusion detection – System requirements
OR			OR		
Wireless links			Wireless links		
NF EN 50131-1 and amend. A1	March 2007 January 2010	Alarm systems-System requirements	RT 48-205	July 2007	Alarm systems-General requirements
NF EN 50131-5-3 (C 48-331-5-3) and amend. A1 and RT 50131-5-3	August 2005 December 2008 July 2007	Alarm systems-Requirements for interconnection equipment using radio frequency techniques	NF EN 50131-5-3 (C 48-331-5-3) and amend. A1 and RT 50131-5-3	August 2005 December 2008 July 2007	Alarm systems - Requirements for interconnection equipment using radio frequency techniques

For applications for certification under OPTION 0 (GRADE 1, 2 or 3), the applicable standards are those applicable for option 3 but without the further technical standard requirements (RTC).

1.3 Specific product standards

CONTROL AND INDICATING EQUIPMENT

OPTION 2 * Certification on the basis of European product specifications		
Revision	Date	Title of the document
TS 50131-3 (C 48-331-3) and RT 50131-3	February 2005 July 2007	Alarm system - Intrusion alarm systems
NF EN 50131-6 (C 48-316)	November 1997	Alarm system - Power supply

OPTION 3 Certification on the basis of European product standards		
NF EN 50131-3 and RTC 50131-3	June 2009 November 2011	Alarm system - Intrusion alarm systems
NF EN 50131-6 and RTC 50131-6	April 2008 November 2011	Alarm system - Power supply

OPTION 1* Certification according to French product standards		
Revision	Date	Title of the document
NF C 48-211 (wire loop link)	February 1989	Intrusion detection – Alarm control units
FI48-211	May 2006	Interpretation sheet of the NF C 48-211 standard
OR		
RT 48-455 (wireless link)	July 2007	Intrusion detection - Control and indicating equipment and interconnection equipment using radio frequency techniques

For applications for certification under OPTION 0 (GRADE 1, 2 or 3), the applicable standards are those applicable for option 3 but without the further technical standard requirements (RTC).

**Only first-time certification requests according to the option 3 are accepted. Options 1 and 2 will be applicable until 01/02/2017, only for modification requests of a NF&A2P certified product.*

Additional Standards		
Revision	Date	Title of the document
NF C 48-438	September 2002	Intrusion detection – Recording monitor function built into alarm control units or transmitters (for option 1)
FI48-438	October 2003	Interpretation sheet of the NF C 48-438 standard (for option 1)
RT 48-410	November 2011	Intrusion detection – Parameterisation of alarm control units and alarm telephone transmitters for intrusion detection systems

CONTROL AND INDICATING EQUIPMENT + PHONE TRANSMITTER

OPTION 2 * Certification on the basis of European product specifications		
Revision	Date	Title of the document
TS 50131-3 (C 48-331-3) and RT 50131-3	February 2005 July 2007	Alarm system - Intrusion alarm systems
NF C 48-212	April 2004	Intrusion detection – Alarm telephone transmitters
FI48-212	April 2005	Interpretation sheet of the NF C 48-212 standard
NF EN 50131-6 (C 48-316)	November 1997	Alarm system - Power supply

OPTION 3 Certification on the basis of European product standards		
NF EN 50131-3 and RTC 50131-3	June 2009 November 2011	Alarm system - Intrusion alarm systems
NF C 48-212	April 2004	Intrusion detection – Alarm telephone transmitters
FI48-212	April 2005	Interpretation sheet of the NF C 48-212 standard
NF EN 50131-6 and RTC 50131-6	April 2008 November 2011	Alarm system - Power supply

OPTION 1* Certification according to French product standards		
Revision	Date	Title of the document
NF C 48-211 (wire loop link)	February 1989	Intrusion detection – Alarm control units
FI48-211	May 2006	Interpretation sheet of the NF C 48-211 standard
NF C 48-212	April 2004	Intrusion detection – Alarm telephone transmitters
FI48-212	April 2005	Interpretation sheet of the NF C 48-212 standard
OR		
RT 48-455 (wireless link)	July 2007	Intrusion detection - Control and indicating equipment and interconnection equipment using radio frequency techniques
NF C 48-212	April 2004	Intrusion detection – Alarm telephone transmitters
FI48-212	April 2005	Interpretation sheet of the NF C 48-212 standard

For applications for certification under *OPTION 0 (GRADE 1, 2 or 3)*, the applicable standards are those applicable for option 3 but without the NF C 48-212 and further technical standard requirements (RTC).

*Only first-time certification requests according to the option 3 are accepted. Options 1 and 2 will be applicable until 01/02/2017, only for modification requests of a NF&A2P certified product.

Additional Standards		
Revision	Date	Title of the document
NF C 48-438	September 2002	Intrusion detection – Recording monitor function built into alarm control units or transmitters (for option 1)
FI48-438	October 2003	Interpretation sheet of the NF C 48-438 standard (for option 1)
RT 48-410	November 2011	Intrusion detection – Parameterisation of alarm control units and alarm telephone transmitters for intrusion detection systems

PHONE TRANSMITTER
OPTION 2
 Certification on the basis of
 European product specifications

Revision	Date	Title of the document
Not Applicable		

OPTION 1
 Certification according to
 French product standards

Revision	Date	Title of the document
NF C 48-212	April 2004	Intrusion detection – Alarm telephone transmitters
FI48-212	April 2005	Interpretation sheet of the NF C 48-212 standard

OPTION 3
 Certification on the basis of
 European product standards

Revision	Date	Title of the document
Not Applicable		

Additional Standards

Revision	Date	Title of the document
NF C 48-438	September 2002	Intrusion detection – Recording monitor function built into alarm control units or transmitters (for option 1)
FI48-438	October 2003	Interpretation sheet of the NF C 48-438 standard (for option 1)
RT 48-410	November 2011	Intrusion detection – Parameterisation of alarm control units and alarm telephone transmitters for intrusion detection systems

INFRARED MOTION DETECTOR

PASSIVE INFRARED MOTION DETECTOR

OPTION 2 *		
Certification on the basis of European product specifications		
Revision	Date	Title of the document
TS 50131-2-2 (C 48-331-2-2) and RT 50131-2-2	September 2005 July 2007	Alarm systems - Passive infrared movement detector

OPTION 3		
Certification on the basis of European product standards		
Revision	Date	Title of the document
NF EN 50131-2-2 and RTC 50131-2-2	April 2008 November 2011	Alarm systems - Passive infrared movement detector

OPTION 1*		
Certification according to French product standards		
Revision	Date	Title of the document
NF C 48-225 (wire loop link)	December 1986	Intrusion detection - Intrusion detectors - General rules
FI48-225	September 2003	Interpretation sheet of the NF C 48-225 standard
C 48-433	February 1995	Intrusion detection – Passive infrared movement detector
FI48-433	April 2005	Interpretation sheet of the C 48-433 standard

OR		
Revision	Date	Title of the document
RT 48-456 (wireless link)	July 2007	Intrusion detection – Detectors using radio frequency techniques
C 48-433	February 1995	Intrusion detection – Passive infrared movement detector
FI48-433	April 2005	Interpretation sheet of the C 48-433 standard

For applications for certification under OPTION 0 (GRADE 1, 2 or 3), the applicable standards are those applicable for option 3 but without the further technical standard requirements (RTC).

Options 1 and 2 will be applicable until 01/12/2015, only for modification requests on a NF & A2P certified product.

ACTIVE INFRARED MOTION DETECTOR

OPTION 2		
Certification on the basis of European product specifications		
Revision	Date	Title of the document
Not Applicable		

OPTION 1		
Certification according to French product standards		
Revision	Date	Title of the document
NF C 48-225 (wire loop link)	December 1986	Intrusion detection - Intrusion detectors - General rules
FI48-225	September 2003	Interpretation sheet of the NF C 48-225 standard
NF C 48-226	April 1987	Intrusion detection – Active infrared detectors
FI48-226	January 2003	Interpretation sheet of the NF C 48-226 standard

OPTION 3		
Certification on the basis of European product standards		
Revision	Date	Title of the document
Not Applicable		

Additional Standards

Revision	Date	Title of the document
Not Applicable		

MECHANICAL SHOCK SENSOR, PIEZO OR INERTIA SHOCK SENSOR DETECTOR

OPTION 2 Certification on the basis of European product specifications		
Revision	Date	Title of the document
Not Applicable		

OPTION 1 Certification according to French product standards		
Revision	Date	Title of the document
NF C 48-225 (wire loop link)	December 1986	Intrusion detection - Intrusion detectors - General rules
F148-225	September 2003	Interpretation sheet of the NF C 48-225 standard
NF C 48-228	June 1987	Intrusion detection – Flyweight and ball shock detectors
F148-228	April 2005	Interpretation sheet of the NF C 48-228 standard
OR		
RT 48-456 (wireless link)	July 2007	Intrusion detection – Detectors using radio frequency techniques
NF C 48-228	June 1987	Intrusion detection – Flyweight and ball shock detectors
F148-228	April 2005	Interpretation sheet of the NF C 48-228 standard

OPTION 3 Certification on the basis of European product standards		
Revision	Date	Title of the document
Not Applicable		

Additional Standards		
Revision	Date	Title of the document
Not Applicable		

ULTRASONIC MOTION DETECTOR

OPTION 2 Certification on the basis of European product specifications		
Revision	Date	Title of the document
Not Applicable		

OPTION 1 Certification according to French product standards		
Revision	Date	Title of the document
NF C 48-225 (wire loop link)	December 1986	Intrusion detection - Intrusion detectors - General rules
F148-225	September 2003	Interpretation sheet of the NF C 48-225 standard
NF C 48-230	December 1987	Intrusion detection – Ultrasonic movement detectors
F148-230	April 2005	Interpretation sheet of the NF C 48-230 standard
OR		
RT 48-456 (wireless link)	July 2007	Intrusion detection – Detectors using radio frequency techniques
NF C 48-230	December 1987	Intrusion detection – Ultrasonic movement detectors
F148-230	April 2005	Interpretation sheet of the NF C 48-230 standard

OPTION 3 Certification on the basis of European product standards		
Revision	Date	Title of the document
Not Applicable		

Additional Standards		
Revision	Date	Title of the document
Not Applicable		

OPENING CONTACT DETECTOR

OPTION 2 * Certification on the basis of European product specifications		
Revision	Date	Title of the document
TS 50131-2-6 (C 48-331-2-6) and RT 50131-2-6	February 2005 July 2007	Alarm systems – magnetic contact detector

OPTION 3 Certification on the basis of European product standards		
Revision	Date	Title of the document
NF EN 50131-2-6 and RTC 50131-2-6	December 2008 November 2011	Alarm systems – magnetic contact detector

OPTION 1* Certification according to French product standards		
Revision	Date	Title of the document
NF C 48-225 (wire loop link)	December 1986	Intrusion detection - Intrusion detectors - General rules
F148-225	September 2003	Interpretation sheet of the NF C 48-225 standard
NF C 48-227	June 1987	Intrusion detection – Contact-type opening detectors
F148-227	April 2005	Interpretation sheet of the NF C 48-227 standard
OR		
RT 48-456 (wireless link)	July 2007	Intrusion detection – Detectors using radio frequency techniques
NF C 48-227	June 1987	Intrusion detection – Contact-type opening detectors - Specific standard
F148-227	April 2005	Interpretation sheet of the NF C 48-227 standard

For applications for certification under OPTION 0 (GRADE 1, 2 or 3), the applicable standards are those applicable for option 3 but without the further technical standard requirements (RTC).

** Options 1 and 2 will be applicable until 01/06/2016, only for modification requests of a NF&A2P certified product.*

Additional Standards		
Revision	Date	Title of the document
Not Applicable		

MECHANICAL SHOCK SENSOR, PIEZO AND INERTIA SHOCK DETECTOR

OPTION 2 * Certification on the basis of European product specifications		
Revision	Date	Title of the document
TS 50131-2-6 (C 48-331-2-6) and RT 50131-2-6	February 2005 July 2007	Alarm systems – magnetic contact detector
NF C 48-228	June 1987	Intrusion detection – Flyweight and ball shock detectors
FI48-228	April 2005	Interpretation sheet of the NF C 48-228 standard

OPTION 3 Certification on the basis of European product standards		
Revision	Date	Title of the document
NF EN 50131-2- 6 and RTC 50131-2-6	December 2008 November 2011	Alarm systems – magnetic contact detector
NF C 48-228	June 1987	Intrusion detection – Flyweight and ball shock detectors
FI48-228	April 2005	Interpretation sheet of the NF C 48-228 standard

OPTION 1* Certification according to French product standards		
Revision	Date	Title of the document
NF C 48-225 (wire loop link)	December 1986	Intrusion detection - Intrusion detectors - General rules
FI48-225	September 2003	Interpretation sheet of the NF C 48-225 standard
NF C 48-227	June 1987	Intrusion detection – Contact- type opening detectors
FI48-227	April 2005	Interpretation sheet of the NF C 48-227 standard
NF C 48-228	June 1987	Intrusion detection – Flyweight and ball shock detectors
FI48-228	April 2005	Interpretation sheet of the NF C 48-228 standard

OR

RT 48-456 (wireless link)	July 2007	Intrusion detection – Detectors using radio frequency techniques
NF C 48-227	June 1987	Intrusion detection – Contact- type opening detectors
FI48-227	April 2005	Interpretation sheet of the NF C 48-227 standard
NF C 48-228	June 1987	Intrusion detection – Flyweight and ball shock detectors
FI48-228	April 2005	Interpretation sheet of the NF C 48-228 standard

For applications for certification under OPTION 0 (GRADE 1, 2 or 3), the applicable standards are those applicable for option 3 but without the NF C 48-228 and further technical standard requirements (RTC).

* Options 1 and 2 will be applicable until 01/05/2016, only for modification requests of a NF&A2P certified product.

Additional Standards		
Revision	Date	Title of the document
Not Applicable		

SEISMIC DETECTOR

OPTION 2 Certification on the basis of European product specifications		
Revision	Date	Title of the document
Not Applicable		

OPTION 1 Certification according to French product standards		
Revision	Date	Title of the document
NF C 48-225 (wire loop link)	December 1986	Intrusion detection - Intrusion detectors - General rules
F148-225	September 2003	Interpretation sheet of the NF C 48-225 standard
C 48-432	February 1995	Alarm system - Seismic detector
F148-432	April 2005	Interpretation sheet of the C 48-432 standard
OR		
RT 48-456 (wireless link)	July 2007	Intrusion detection – Detectors using radio frequency techniques
C 48-432	February 1995	Alarm system – Seismic detector
F148-432	April 2005	Interpretation sheet of the C 48-432 standard

OPTION 3 Certification on the basis of European product standards		
Revision	Date	Title of the document
Not Applicable		

Additional Standards		
Revision	Date	Title of the document
Not Applicable		

MICROWAVE MOTION DETECTOR

OPTION 2 *		
Certification on the basis of European product specifications		
Revision	Date	Title of the document
Not Applicable		

OPTION 1*		
Certification according to French product standards		
Revision	Date	Title of the document
NF C 48-225 (wire loop link)	December 1986	Intrusion detection - Intrusion detectors - General rules
F148-225	September 2003	Interpretation sheet of the NF C 48-225 standard
NF C 48-229	October 1987	Intrusion detection - Microwave movement detectors
F148-229	April 2005	Interpretation sheet of the NF C 48-229 standard
OR		
RT 48-456 (wireless link)	July 2007	Intrusion detection – Detectors using radio frequency techniques
NF C 48-229	October 1987	Intrusion detection - Microwave movement detectors
F148-229	April 2005	Interpretation sheet of the NF C 48-229 standard

OPTION 3		
Certification on the basis of European product standards		
Revision	Date	Title of the document
NF EN 50131-2-3 and RTC 50131-2-3	December 2008 November 2011	Alarm systems – Microwave motion detectors

For applications for certification under OPTION 0 (GRADE 1, 2 or 3), the applicable standards are those applicable for option 3 but without the further technical standard requirements (RTC).

** Option 1 will be applicable until 01/05/2016, only for modification requests of a NF&A2P certified product.*

Additional Standards		
Revision	Date	Title of the document
Not Applicable		

MULTIMODE MOTION DETECTOR
 PASSIVE INFRARED + MICROWAVE
 PASSIVE INFRARED + ULTRASONIC

OPTION 2 * Certification on the basis of European product specifications		
Revision	Date	Title of the document
TS 50131-2-4 (C 48-331-2-4) and RT 50131-2-4	September 2005 August 2008	Alarm systems – Combined motion detector, passive infrared and microwave

OPTION 1* Certification according to French product standards		
Revision	Date	Title of the document
NF C 48-225 (wire loop link)	December 1986	Intrusion detection - Intrusion detectors - General rules
F148-225	September 2003	Interpretation sheet of the NF C 48-225 standard
C 48-435	April 1998	Intrusion detection - Alarm system – Multi-mode volumetric movement detector
F148-435	April 2005	Interpretation sheet of the C 48-435 standard

OPTION 3 Certification on the basis of European product standards		
Revision	Date	Title of the document
NF EN 50131-2-4 and RTC 50131-2-4	April 2008 November 2011	Alarm systems – Combined motion detector, passive infrared and microwave
NF EN 50131-2-5 and RTC 50131-2-5	April 2008 November 2011	Alarm systems – Combined motion detector, passive infrared and ultrasonic

OR		
RT 48-456 (wireless link)	July 2007	Intrusion detection – Detectors using radio frequency techniques
C 48-435	April 1998	Intrusion detection - Alarm system – Multi-mode volumetric movement detector
F148-435	April 2005	Interpretation sheet of the C 48-435 standard

For applications for certification under OPTION 0 (GRADE 1, 2 or 3), the applicable standards are those applicable for option 3 but without the further technical standard requirements (RTC).

**For passive infrared and microwave combined motion detectors, options 1 and 2 will be applicable until 01/12/2015, only for modification requests on a NF & A2P certified product.*

**For passive infrared and ultrasonic combined motion detectors, options 1 and 2 will be applicable until 01/05/2016, only for modification requests on a NF & A2P certified product.*

Additional Standards		
Revision	Date	Title of the document
Not Applicable		

AUDIBLE WARNING DEVICE

OPTION 2 Certification on the basis of European product specifications		
Revision	Date	Title of the document
Not Applicable		

OPTION 1 Certification according to French product standards		
Revision	Date	Title of the document
NF C 48-265 (wire loop link)	May 1988	Intrusion detection – Audible warning devices
FI48-265	April 2005	Interpretation sheet of the NF C 48-265 standard
OR		
C 48-465 (wireless link)	September 1993	Intrusion detection – Audible warning devices
FI48-465	January 2003	Interpretation sheet of the C 48-465 standard

OPTION 3 Certification on the basis of European product standards		
Revision	Date	Title of the document
NF EN 50131-4 and RTC 50131-4	August 2009 November 2011	Alarm systems – Warning devices

For applications for certification under OPTION 0 (GRADE 1, 2 or 3), the applicable standards are those applicable for option 3 but without the further technical standard requirements (RTC).

**Only first-time certification requests according to the option 3 are accepted. Option 1 will be applicable until 01/05/2017, only for modification requests of a NF&A2P certified product.*

Additional Standards		
Revision	Date	Title of the document
Not Applicable		

AUDIBLE AND VISIBLE WARNING DEVICE

OPTION 2 Certification on the basis of European product specifications		
Revision	Date	Title of the document
Not Applicable		

OPTION 1 Certification according to French product standards		
Revision	Date	Title of the document
NF C 48-265 (wire loop link)	May 1988	Intrusion detection – Audible warning devices
FI48-265	April 2005	Interpretation sheet of the NF C 48-265 standard
C 48-266	December 1989	Intrusion detection - Visible-flash warning devices
C 48-266/A1	September 1991	Addendum 1 to the published C 48-266
FI48-266	January 2003	Interpretation sheet of the C 48-266 standard
OR		
C 48-465 (wireless link)	September 1993	Intrusion detection – Audible warning devices
FI48-465	January 2003	Interpretation sheet of the C 48-465 standard
RT 48-266	December 2012	Intrusion detection – Visible-flash warning devices

OPTION 3 Certification on the basis of European product standards		
Revision	Date	Title of the document
NF EN 50131-4 and RTC 50131-4	August 2009 June 2011	Alarm systems – Warning devices
RT 48-266	December 2012	Intrusion detection – Visible-flash warning devices

For applications for certification under OPTION 0 (GRADE 1, 2 or 3), the applicable standards are those applicable for option 3 but without the C 48-266 and further technical standard requirements (RTC).

**Only first-time certification requests according to the option 3 are accepted. Option 1 will be applicable until 01/05/2017, only for modification requests of a NF & A2P certified product.*

Additional Standards		
Revision	Date	Title of the document
Not Applicable		

DISTRIBUTION BOX

OPTION 2 Certification on the basis of European product specifications		
Revision	Date	Title of the document
Not Applicable		

OPTION 1 Certification according to French product standards		
Revision	Date	Title of the document
C 48-434	February 1995	Intrusion detection- Branch box
FI48-434	January 2003	Interpretation sheet of the C 48-434 standard

OPTION 3 Certification on the basis of European product standards		
Revision	Date	Title of the document
Not Applicable		

Additional Standards		
Revision	Date	Title of the document
Not Applicable		

WIRELESS INPUT OUTPUT DEVICES

OPTION 2 Certification on the basis of European product specifications		
Revision	Date	Title of the document
Not Applicable		
OPTION 3 Certification on the basis of European product standards		
Revision	Date	Title of the document
Not Applicable		

OPTION 1 Certification according to French product standards		
Revision	Date	Title of the document
RT 48-457	July 2007	Intrusion detection – Wireless Input Output Devices

Additional Standards		
Revision	Date	Title of the document
Not Applicable		

SECURITY FOG DEVICES / SYSTEMS

OPTION 2 Certification on the basis of European product specifications		
Revision	Date	Title of the document
Not Applicable		

OPTION 1 Certification according to French product standards		
Revision	Date	Title of the document
Not Applicable		

OPTION 3 Certification on the basis of European product standards		
Revision	Date	Title of the document
NF EN 50131-8	July 2009	Security fog devices / systems
RTC 50131-8	March 2013	Security fog devices / systems

Additional Standards		
Revision	Date	Title of the document
Not Applicable		

POWER SUPPLY

OPTION 2 Certification on the basis of European product specifications		
Revision	Date	Title of the document
Not Applicable		
OPTION 3 Certification on the basis of European product standards		
Revision	Date	Title of the document
NF EN 50131-6 and RTC 50131-6	April 2008 November 2011	Alarm system - Power supply TYPE A or TYPE B

OPTION 1 Certification according to French product standards		
Revision	Date	Title of the document
Not Applicable		

Additional Standards		
Revision	Date	Title of the document
Not Applicable		

For applications for certification under OPTION 0 (GRADE 1, 2 or 3), the applicable standards are those applicable for option 3 but without the further technical standard requirements (RTC).

<p>ACCESS CONTROL SYSTEMS ACCESS CONTROL SUPERVISING PROCESSING UNIT (ACSPU) ACCESS CONTROL PROCESSING UNIT (ACPU) UNIT (LPU), DRIVE AND ASSOCIATED IDENTIFIERS</p>

<p>OPTION 2 Certification on the basis of European product specifications</p>		
Revision	Date	Title of the document
Not Applicable		

<p>OPTION 1 Certification according to French product standards</p>		
Revision	Date	Title of the document
Not Applicable		

<p>OPTION 3 Certification on the basis of European product standards</p>		
Revision	Date	Title of the document
RT 50133-1	February 2005	<i>Access control systems for use in security application</i>

Additional Standards		
Revision	Date	Title of the document
Not Applicable		

Appendix 2

DATA SHEETS ON INSPECTIONS AND TESTS CARRIED OUT BY THE MANUFACTURER

A - CONTROL AND INDICATING EQUIPMENT

The conditions for carrying out these tests are described in § 2.6.3.

1 ELECTRICAL TESTS

These tests, which are described in the reference documents applicable when the mark certificate is issued, are only to be carried out on products connected to mains power.

These tests are to be carried out either in accordance with the NF EN 60065 standard, or the NF EN 60950 standard.

1.1 As per the NF EN 60065 standard

If the design of the product so requires, 100% of these tests will be carried out. Otherwise the sample table applies.

Article 15.2: Provisions for protective earthing. This test is to be performed on each item of equipment.

Article 10.3: Table III.

Insulation resistance and dielectric strength. The test is to be performed for 5 seconds instead of one minute.

1.2 As per the NF EN 60950 standard-1

If the design of the product so requires, 100% of these tests will be carried out. Otherwise the sample table applies.

Article 2.5: Earth continuity testing. This test is to be performed on each item of equipment.

Article 5.3: Table 18 - Dielectric strength

The test is to be performed cold, with ambient humidity and for 5 seconds instead of one minute.

(If allowed by the design of the product, the test may be carried out by sampling).

2 OPERATING TESTS

2.1 Wired equipment

The purpose of these tests is to ensure that the checks of all the certified functions are carried out during the manufacturing phases. This verification process must be carried out for each product.

The method used for these checks is the responsibility of the manufacturer. However, for products that use analogue timers, the tests are to be carried out in real-life situations and can be done by sampling in accordance with the sampling plan.

2.2 Additional testing using microwave link equipment

- Check that the transmitter modules correctly transmit the messages in the bandwidth(s) used with controlled minimal power.
- Check that the receiver modules correctly receive messages with controlled power.
- Check that the loss of the microwave link complies with the corresponding requirements as defined in the corresponding microwave standard.

If the equipment operates properly:

- Check that dazzle detection is enabled by a saturation signal defined by the manufacturer.

B –PHONE TRANSMITTER

The conditions for carrying out these tests are described in paragraph 2.6.3.

1 ELECTRICAL TESTS

These tests, which are described in the reference documents applicable when the mark certificate is issued, are only to be carried out on products connected to mains power.

These tests are to be carried out either in accordance with the NF EN 60065 standard, or the NF EN 60950 standard.

1.1 As per the NF EN 60065 standard

Article 15.2: Provisions for protective earthing. This test is to be performed on each item of equipment.

Article 10.3: Table III.

Insulation resistance and dielectric strength. The test is to be performed for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

1.2 As per the NF EN -1 standard

Article 2.5: Earth continuity testing. This test is to be performed on each item of equipment.

Article 5.3: Table 18 - Dielectric strength

The test is to be performed cold, with ambient humidity and for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

2 OPERATING TESTS

2.1 Wired equipment

- Check that the invitation to transmit signal is recognised.
- Check that the theft alarm information is properly transmitted
- Ensure that, when installed (s), the self-monitoring contact(s) is/are capable of ensuring correct function. If series tests are not performed, the manufacturer shall demonstrate compliance with this function when the product is assembled. As a minimum, this test shall be carried out once per batch.

2.2 Additional testing using microwave link equipment

- Check that the transmitter modules correctly transmit the messages in the bandwidth(s) used with controlled minimal power.
- Check that the receiver modules correctly receive messages with controlled power.
- Check that the loss of the microwave link complies with the corresponding requirements as defined in the corresponding microwave standard.

If the equipment operates properly:

- Check that dazzle detection is enabled by a saturation signal defined by the manufacturer.

C - ACTIVE INFRARED MOTION DETECTOR

The conditions for carrying out these tests are described in paragraph 2.6.3.

1 ELECTRICAL TESTS

These tests, which are described in the reference documents applicable when the mark certificate is issued, are only to be carried out on products connected to mains power.

These tests are to be carried out either in accordance with the NF EN 60065 standard, or the NF EN 60950 standard.

1.1 As per the NF EN 60065 standard

Article 15.2: Provisions for protective earthing. This test is to be performed on each item of equipment.

Article 10.3: Table III.

Insulation resistance and dielectric strength. The test is to be performed for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

1.2 As per the NF EN 60950 standard

Article 2.5: Earth continuity testing. This test is to be performed on each item of equipment.

Article 5.3: Table 18 - Dielectric strength

The test is to be performed cold, with ambient humidity and for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

2 OPERATING TESTS

2.1 Wired equipment

- Check that prompting the sensor enables output of the alarm information
- The nominal range of the detector must be checked on at least one part per batch either by simulation or by actual testing.

2.2 Additional testing using microwave link equipment

- Check that the transmitter modules correctly transmit the messages in the bandwidth(s) used with controlled minimal power.
- Check that the receiver modules correctly receive messages with controlled power.
- Check that the loss of the microwave link complies with the corresponding requirements as defined in the corresponding microwave standard.

If the equipment operates properly:

- Check that dazzle detection is enabled by a saturation signal defined by the manufacturer.

D – PASSIVE INFRARED MOTION DETECTOR

The conditions for carrying out these tests are described in paragraph 2.6.3.

1 ELECTRICAL TESTS

These tests, which are described in the reference documents applicable when the mark certificate is issued, are only to be carried out on products connected to mains power.

These tests are to be carried out either in accordance with the NF EN 60065 standard, or the NF EN 60950 standard.

1.1 As per the NF EN 60065 standard

Article 15.2: Provisions for protective earthing. This test is to be performed on each item of equipment.

Article 10.3: Table III.

Insulation resistance and dielectric strength. The test is to be performed for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

1.2 As per the NF EN 60950 standard

Article 2.5: Earth continuity testing. This test is to be performed on each item of equipment.

Article 5.3: Table 18 - Dielectric strength

The test is to be performed cold, with ambient humidity and for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

2 OPERATING TESTS

2.1 Wired equipment

- Check that prompting the sensor enables output of the alarm information.
- The nominal range of the detector must be checked on at least one part per batch either by simulation or by actual testing.
- For 3-shield detectors, the anti-masking function is to be checked on at least one part per batch.

2.2 Additional testing using microwave link equipment

- Check that the transmitter modules correctly transmit the messages in the bandwidth(s) used with controlled minimal power.
- Check that the receiver modules correctly receive messages with controlled power.
- Check that the loss of the microwave link complies with the corresponding requirements as defined in the corresponding microwave standard.

If the equipment operates properly:

- Check that dazzle detection is enabled by a saturation signal defined by the manufacturer

E - MICROWAVE MOTION DETECTOR

The conditions for carrying out these tests are described in paragraph 2.6.3.

1 ELECTRICAL TESTS

These tests, which are described in the reference documents applicable when the mark certificate is issued, are only to be carried out on products connected to mains power.

These tests are to be carried out either in accordance with the NF EN 60065 standard, or the NF EN 60950 standard.

1.1 As per the NF EN 60065 standard

Article 15.2: Provisions for protective earthing. This test is to be performed on each item of equipment.

Article 10.3: Table III.

Insulation resistance and dielectric strength. The test is to be performed for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

1.2 As per the NF EN 60950 standard

Article 2.5: Earth continuity testing. This test is to be performed on each item of equipment.

Article 5.3: Table 18 - Dielectric strength

The test is to be performed cold, with ambient humidity and for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

2 OPERATING TESTS

2.1 Wired equipment

- Check that the sensor load enables output of the information.
- The nominal range of the detector shall be checked on at least one part per batch either by simulation or by actual testing on each batch.
- For 3-shield detectors, the anti-masking function is to be checked on at least one part per batch.

2.2 Additional testing using microwave link equipment

- Check that the transmitter modules correctly transmit the messages in the bandwidth(s) used with controlled minimal power.
- Check that the receiver modules correctly receive messages with controlled power.
- Check that the loss of the microwave link complies with the corresponding requirements as defined in the corresponding microwave standard.

If the equipment operates properly:

- Check that dazzle detection is enabled by a saturation signal defined by the manufacturer.

F - ULTRASONIC MOTION DETECTOR

The conditions for carrying out these tests are described in paragraph 2.6.3.

1 ELECTRICAL TESTS

These tests, which are described in the reference documents applicable when the mark certificate is issued, are only to be carried out on products connected to mains power.

These tests are to be carried out either in accordance with the NF EN 60065 standard, or the NF EN 60950 standard.

1.1 As per the NF EN 60065 standard

Article 15.2: Provisions for protective earthing. This test is to be performed on each item of equipment.

Article 10.3: Table III.

Insulation resistance and dielectric strength. The test is to be performed for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

1.2 As per the NF EN 60950 standard

Article 2.5: Earth continuity testing. This test is to be performed on each item of equipment.

Article 5.3: Table 18 - Dielectric strength

The test is to be performed cold, with ambient humidity and for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

2 OPERATING TESTS

2.1 Wired equipment

- Check that prompting the sensor enables output of the alarm information
- The nominal range of the detector must be checked on at least one part per batch either by simulation or by actual testing.
- For 3-shield detectors, the anti-masking function is to be checked on at least one part per batch.

2.2 Additional testing using microwave link equipment

- Check that the transmitter modules correctly transmit the messages in the bandwidth(s) used with controlled minimal power.
- Check that the receiver modules correctly receive messages with controlled power.
- Check that the loss of the microwave link complies with the corresponding requirements as defined in the corresponding microwave standard.

If the equipment operates properly:

- Check that dazzle detection is enabled by a saturation signal defined by the manufacturer.

G - COMBINED MOTION DETECTOR

The conditions for carrying out these tests are described in paragraph 2.6.3.

1 ELECTRICAL TESTS

These tests, which are described in the reference documents applicable when the mark certificate is issued, are only to be carried out on products connected to mains power.

These tests are to be carried out either in accordance with the NF EN 60065 standard, or the NF EN 60950 standard.

1.1 As per the NF EN 60065 standard

Article 15.2: Provisions for protective earthing. This test is to be performed on each item of equipment.

Article 10.3: Table III.

Insulation resistance and dielectric strength. The test is to be performed for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

1.2 As per the NF EN 60950 standard

Article 2.5: Earth continuity testing. This test is to be performed on each item of equipment.

Article 5.3: Table 18 - Dielectric strength

The test is to be performed cold, with ambient humidity and for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

2 OPERATING TESTS

2.1 Wired equipment

- Check that the sensor load enables output of the information
- The nominal range of the detector must be checked on at least one part per batch either by simulation or by actual testing.
- For 3-shield detectors, the anti-masking function is to be checked on at least one part per batch.

2.2 Additional testing using microwave link equipment

- Check that the transmitter modules correctly transmit the messages in the bandwidth(s) used with controlled minimal power.
- Check that the receiver modules correctly receive messages with controlled power.
- Check that the loss of the microwave link complies with the corresponding requirements as defined in the corresponding microwave standard.

If the equipment operates properly:

- Check that dazzle detection is enabled by a saturation signal defined by the manufacturer.

H - AUDIBLE WARNING DEVICE

The conditions for carrying out these tests are described in paragraph 2.6.3.

1 ELECTRICAL TESTS

These tests, which are described in the reference documents applicable when the mark certificate is issued, are only to be carried out on products connected to mains power.

These tests are to be carried out either in accordance with the NF EN 60065 standard, or the NF EN 60950 standard.

1.1 As per the NF EN 60065 standard

Article 15.2: Provisions for protective earthing. This test is to be performed on each item of equipment.

Article 10.3: Table III.

Insulation resistance and dielectric strength. The test is to be performed for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

1.2 As per the NF EN 60950 standard

Article 2.5: Earth continuity testing. This test is to be performed on each item of equipment.

Article 5.3: Table 18 - Dielectric strength

The test is to be performed cold, with ambient humidity and for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

2 OPERATING TESTS

2.1 Wired equipment

- Check the initiation, duration and resetting of the device per batch. This test is to be carried out in series on manufactured products.
- On outdoor audible alarms, check the minimum and maximum frequencies, either by simulation or by actual testing or on at least one part per manufacturing batch.

2.2 Additional testing using microwave link equipment

- Check that the transmitter modules correctly transmit the messages in the bandwidth(s) used with controlled minimal power.
- Check that the receiver modules correctly receive messages with controlled power.
- Check that the loss of the microwave link complies with the corresponding requirements as defined in the corresponding microwave standard.

If the equipment operates properly:

- Check that dazzle detection is enabled by a saturation signal defined by the manufacturer.

I - AUDIBLE AND VISIBLE WARNING DEVICE

The conditions for carrying out these tests are described in paragraph 2.6.3.

1 ELECTRICAL TESTS

These tests, which are described in the reference documents applicable when the mark certificate is issued, are only to be carried out on products connected to mains power.

These tests are to be carried out either in accordance with the NF EN 60065 standard, or the NF EN 60950 standard.

1.1 As per the NF EN 60065 standard

Article 15.2: Provisions for protective earthing. This test is to be performed on each item of equipment.

Article 10.3: Table III.

Insulation resistance and dielectric strength. The test is to be performed for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

1.2 As per the NF EN 60950 standard

Article 2.5: Earth continuity testing. This test is to be performed on each item of equipment.

Article 5.3: Table 18 - Dielectric strength

The test is to be performed cold, with ambient humidity and for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

2 OPERATING TESTS

2.1 Wired equipment

- Check the initiation of the device.
- Check the rate of flashing on a minimum of one part per manufacturing batch.

2.2 Additional testing using microwave link equipment

- Check that the transmitter modules correctly transmit the messages in the bandwidth(s) used with controlled minimal power.
- Check that the receiver modules correctly receive messages with controlled power.
- Check that the loss of the microwave link complies with the corresponding requirements as defined in the corresponding microwave standard.

If the equipment operates properly:

- Check that dazzle detection is enabled by a saturation signal defined by the manufacturer.

J - MECHANICAL SHOCK SENSOR, PIEZO OR INERTIA SHOCK SENSOR DETECTOR

The conditions for carrying out these tests are described in paragraph 2.6.3.

1 OPERATING TESTS

1.1 Wired equipment

Check that prompting the sensor enables output of the alarm information by sampling on the batch during manufacturing.

- Testing the sensor alone
- The sensor and the control panel can be tested separately.

1.2 Additional testing using microwave link equipment

- Check that the transmitter modules correctly transmit the messages in the bandwidth(s) used with controlled minimal power.
- Check that the receiver modules correctly receive messages with controlled power.
- Check that the loss of the microwave link complies with the corresponding requirements as defined in the corresponding standard.

If the equipment operates properly:

- Check that dazzle detection is enabled by a saturation signal defined by the manufacturer.

K - SEISMIC DETECTOR

The conditions for carrying out these tests are described in paragraph 2.6.3.

1 ELECTRICAL TESTS

These tests, which are described in the reference documents applicable when the mark certificate is issued, are only to be carried out on products connected to mains power.

These tests are to be carried out either in accordance with the NF EN 60065 standard, or the NF EN 60950 standard.

1.1 As per the NF EN 60065 standard

Article 15.2: Provisions for protective earthing. This test is to be performed on each item of equipment.

Article 10.3: Table III.

Insulation resistance and dielectric strength. The test is to be performed for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

1.2 As per the NF EN 60950 standard

Article 2.5: Earth continuity testing. This test is to be performed on each item of equipment.

Article 5.3: Table 18 - Dielectric strength

The test is to be performed cold, with ambient humidity and for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

2 OPERATING TESTS

2.1 Wired equipment

Check that prompting the sensor enables output of the alarm information whenever possible or by sampling on the manufacturing batch when the design of the product does not enable individual testing.

2.2 Additional testing using microwave link equipment

- Check that the transmitter modules correctly transmit the messages in the bandwidth(s) used with controlled minimal power.
- Check that the receiver modules correctly receive messages with controlled power.
- Check that the loss of the microwave link complies with the corresponding requirements as defined in the corresponding microwave standard.

If the equipment operates properly:

- Check that dazzle detection is enabled by a saturation signal defined by the manufacturer.

L - OPENING CONTACT DETECTOR

The conditions for carrying out these tests are described in paragraph 2.6.3.

1 OPERATING TESTS

1.1 Wired equipment

- Check that the alarm contact and self-protection contact operate properly.
- The test should be carried out with the same type of magnet that is delivered with the finished product.
- Check, by taking samples from the manufacturing batch, on the assembled magnet, that, in a direction (to be defined by the manufacturer), the maximum opening and minimum closing distances are respected.

1.2 Additional testing using microwave link equipment

- Check that the transmitter modules correctly transmit the messages in the bandwidth(s) used with controlled minimal power.
- Check that the receiver modules correctly receive messages with controlled power.
- Check that the loss of the microwave link complies with the corresponding requirements as defined in the corresponding microwave standard.

If the equipment operates properly:

- Check that dazzle detection is enabled by a saturation signal defined by the manufacturer.

M - DISTRIBUTION BOX

Test the operation of the self-protection system on 1 part per 1000.

N - ACCESS CONTROL SUPERVISING PROCESSING UNIT

The conditions for carrying out these tests are described in paragraph 2.6.3.

1 ELECTRICAL TESTS

These tests, which are described in the reference documents applicable when the mark certificate is issued, are only to be carried out on products connected to mains power.

These tests are to be carried out either in accordance with the NF EN 60065 standard, or the NF EN 60950 standard.

1.1 As per the NF EN 60065 standard

Article 15.2: Provisions for protective earthing. This test is to be performed on each item of equipment.

Article 10.3: Table III.

Insulation resistance and dielectric strength. The test is to be performed for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

1.2 As per the NF EN 60950 standard

Article 2.5: Earth continuity testing. This test is to be performed on each item of equipment.

Article 5.3: Table 18 - Dielectric strength

The test is to be performed cold, with ambient humidity and for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

2 OPERATING TESTS

Check that the ACMPU receives the information transmitted by the associated ACPU and LPU.

Check that the parameter-setting information is correctly transmitted to the associated ACPU and LPU.

This can be done either under real-life conditions or by documented simulation.

O - ACCESS CONTROL PROCESSING UNIT

The conditions for carrying out these tests are described in paragraph 2.6.3.

1 ELECTRICAL TESTS

These tests, which are described in the reference documents applicable when the mark certificate is issued, are only to be carried out on products connected to mains power.

These tests are to be carried out either in accordance with the NF EN 60065 standard, or the NF EN 60950 standard.

1.1 As per the NF EN 60065 standard

Article 15.2: Provisions for protective earthing. This test is to be performed on each item of equipment.

Article 10.3: Table III.

Insulation resistance and dielectric strength. The test is to be performed for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

1.2 As per the NF EN 60950 standard

Article 2.5: Earth continuity testing. This test is to be performed on each item of equipment.

Article 5.3: Table 18 - Dielectric strength

The test is to be performed cold, with ambient humidity and for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

2 OPERATING TESTS

Check that activating an LPU prompts the ACPU which manages the associated command sequence.

Check that, where appropriate, the ACPU transmits the requisite information to the associated ACMPU.

This can be done either under real-life conditions or by documented simulation.

P- LOCAL PROCESSING UNIT

The conditions for carrying out these tests are described in paragraph 2.6.3.

1 ELECTRICAL TESTS

These tests, which are described in the reference documents applicable when the mark certificate is issued, are only to be carried out on products connected to mains power.

These tests are to be carried out either in accordance with the NF EN 60065 standard, or the NF EN 60950 standard.

1.1 As per the NF EN 60065 standard

Article 15.2: Provisions for protective earthing. This test is to be performed on each item of equipment.

Article 10.3: Table III.

Insulation resistance and dielectric strength. The test is to be performed for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

1.2 As per the NF EN 60950 standard

Article 2.5: Earth continuity testing. This test is to be performed on each item of equipment.

Article 5.3: Table 18 - Dielectric strength

The test is to be performed cold, with ambient humidity and for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

2 OPERATING TESTS

Check that an identifier associated with a drive correctly prompts the LPU.

Check that, where appropriate, the LPU transmits the requisite information to the associated ACPU or ACMPU.

This can be done either under real-life conditions or by documented simulation.

Q – Access control reader - Component associated with an LTU

The conditions for carrying out these tests are described in paragraph 2.6.3.

1 ELECTRICAL TESTS

These tests, which are described in the reference documents applicable when the mark certificate is issued, are only to be carried out on products connected to mains power.

These tests are to be carried out either in accordance with the NF EN 60065 standard, or the NF EN 60950 standard.

1.1 As per the NF EN 60065 standard

Article 15.2: Provisions for protective earthing. This test is to be performed on each item of equipment.

Article 10.3: Table III.

Insulation resistance and dielectric strength. The test is to be performed for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

1.2 As per the NF EN 60950 standard

Article 2.5: Earth continuity testing. This test is to be performed on each item of equipment.

Article 5.3: Table 18 - Dielectric strength

The test is to be performed cold, with ambient humidity and for 5 seconds instead of one minute. (If allowed by the design of the product, the test may be carried out by sampling).

2 OPERATING TESTS

Check that an identifier associated with a drive correctly prompts the LPU.

Check the operation of the product in relation to its class as per §6.2.3.

This can be done either under real-life conditions or by documented simulation.

Appendix 3

STANDARD LETTERS AND STANDARD FILES

STANDARD LETTER A - FIRST APPLICATION

FOR THE RIGHT TO USE THE NF AND A2P MARKS

(drawn up on the applicant's headed paper)

Director of AFNOR Certification
 Director of the CNPP Certification Department

CNPP – Département Certification
 Route de la Chapelle Réanville
 CD 64 – BP 2265
 27950 SAINT MARCEL

1- APPLICANT (license holder name to feature on the certificate)			
Company name:			
Address:			
Postcode:		City/Country:	
SIRET ⁽¹⁾ * number:		NAF ⁽¹⁾ * code:	
VAT* number:			
Name and functional position of the legal representative*:			
Name and functional position of the correspondent (if different)*:			
Tel:		Email*:	

(1) Only for French companies

* only to be completed for first-time applications (new license holder) or for a scope change

2- PRODUCT: <input type="checkbox"/> Intrusion detection product <input type="checkbox"/> Access control management facilities			
Type of product: See §1.1.5.1 and 1.1.5.2 of certification reference document NF324/H58		Commercial reference:	
Reference range:		Trademark:	

3 - CERTIFICATION	
Applicable standards: See Appendix 1 of certification reference document NF324/H58	Security level:
<input type="checkbox"/> OPTION 0 (European standards)	<input type="checkbox"/> Grade 1 <input type="checkbox"/> Grade 2 <input type="checkbox"/> Grade 3
<input type="checkbox"/> OPTION 1 (French standards – TYPE 1, 2 or 3)	<input type="checkbox"/> 1 Shield <input type="checkbox"/> 2 Shields <input type="checkbox"/> 3 Shields
<input type="checkbox"/> OPTION 2 (European specifications TS + RT)	
<input type="checkbox"/> OPTION 3 (European standards EN + RTC)	

4- MANUFACTURING SITE (if several manufacturing sites, copy and paste Table 4 as many times as necessary)			
SITE: <input type="checkbox"/> License holder's production unit <input type="checkbox"/> Subcontractor (<i>Model template letter E to be completed</i>)			
Company name:			
Address:			
Postcode:		City/Country:	
Activities performed by the manufacturing site:	<input type="checkbox"/> Design <input type="checkbox"/> Inspections <input type="checkbox"/> Manufacture of one or more components <input type="checkbox"/> Marking <input type="checkbox"/> Assembly and fitting of the finished product <input type="checkbox"/> Other (give details):		

SIRET ^{(1)*} number:		NAF ^{(1)*} code:	
VAT* number:			
Name and functional position of the legal representative*:			
Name and functional position of the correspondent (if different)*:			
Tel:		Email*:	

(1) Only for French companies

* only to be completed for first-time applications (new license holder) or for a scope change

5 – OPTION – AGENT			
(only for applicants located outside the European Economic Area – Model template letter F to be completed)			
<input type="checkbox"/> I hereby authorize the company named above to represent me throughout the French territory on all matters relating to the use of the NF and A2P marks on Electronic Security Equipment. I commit myself to immediately inform AFNOR Certification and CNPP whenever a new authorized agent, as referred to above, is appointed.			
<input type="checkbox"/> In respect of this, I request that any charges at my expense be invoiced directly to him (her). He (she) will settle them on my behalf and in my name, as soon as they are received, this being an integral part of his (her) undertaking to represent me.			
Company name:			
Address:			
Postcode:		City/Country:	
Name and functional position of the agent:			
Tel:		Email:	

6 - COMMITMENT
<p>I would like to request authorization to affix the NF and A2P Electronic Security Equipment marks on the abovementioned product(s).</p> <p>I confirm that these products are compliant with all applicable regulations.</p> <p>I commit myself to communicate to my subcontractor(s) the General Rules of the NF mark, the General Regulations (reference H0) of the CNPP, and the NF and A2P "Electronic Security Equipment" certification standard. For that purpose, I declare that I have read and accept the General Rules of the NF mark, the General Regulations (reference H0) of the CNPP, and the NF and A2P "Electronic Security Equipment" certification standard, and I hereby pledge to comply with them during the whole period of use of the NF and A2P marks.</p> <p>I hereby authorize the CNPP and AFNOR Certification to go ahead with any and all exchanges necessary with the CNPP's Electronic Security Breaches laboratory.</p>

Date and signature of the applicant's legal representative

If represented by an agent:

Date and signature of the applicant's legal representative, preceded by the handwritten statement "Good for Representation"

Date and signature of the representative in the European Economic Space, preceded by the handwritten statement "Good for Representation"

STANDARD LETTER B - LICENSE CONTINUATION APPLICATION**FOR THE RIGHT TO USE THE NF AND A2P MARKS**

(drawn up on the holder's headed paper)

Director of AFNOR Certification
Director of the CNPP Certification Department

CNPP – Département Certification
Route de la Chapelle Réanville
CD 64 – BP 2265
27950 SAINT MARCEL

1A- APPLICANT (HOLDER name featuring on the 'father product' certificate)			
Company name:			
Address:			
Postcode:		City/Country:	

1B- RETAILER (of the product piggybacking the mark)			
Company name:			
Address:			
Postcode:		City/Country:	
SIRET ⁽¹⁾ * number:		NAF ⁽¹⁾ * code:	
VAT* number:			
Name and functional position of the legal representative*:			
Name and functional position of the correspondent (if different)*:			
Tel:		Email*:	

* only to be completed for first-time license continuation applications (new piggybacker) or for a scope change

2A- PRODUCT ('father product')		<input type="checkbox"/> Intrusion detection product <input type="checkbox"/> Access control management facilities	
Type of product: See §1.1.5.1 and 1.1.5.2 of certification reference document NF324/H58)		Commercial reference:	
Reference range:		Trademark:	
Certificate number:			

2B- PRODUCT (piggybacking the mark)			
Type of product: See §1.1.5.1 and 1.1.5.2 of certification reference document NF324/H58)		Commercial reference:	
Reference range:		Trademark:	

6 - COMMITMENT

I would like to request continued authorization to affix the NF and A2P marks on the abovementioned product differing from the model already approved only in the commercial reference and/or trademark appearing on it and in modifications which do not modify their characteristics.

I confirm that these products are in compliance with the applicable regulations.

I commit myself to immediately inform AFNOR Certification and CNPP whenever a modification in the distribution of these products and especially I stop supplying the company named above.

I declare that I have read and accept the General Rules of the NF mark, the General Regulations (reference H0) of the CNPP, and the NF and A2P "Electronic Security Equipment" certification standard, and I hereby pledge to comply with them during the whole period of use of the NF and A2P marks.

I hereby authorize the CNPP and AFNOR Certification to go ahead with any and all exchanges necessary with the CNPP's Electronic Security Breaches laboratory.

--	--

Date, name, function and signature of NF and A2P marks licensee

Date, name, function and signature of the retailer representative or owner of the brand

RETAILER'S UNDERTAKING TO TAKE NO ACTION ON THE PRODUCT

I hereby pledge:

- to make no technical modifications affecting the nature and/or operating characteristics of the above-stated product:
- to make no modifications of the details on the products as manufactured by the above-stated license holder, other than: **(statement of modifications)**; it being understood that any later modifications shall have to be notified to AFNOR Certification and CNPP for prior approval and requested by the manufacturer,
- to make no modifications to the commercial reference(s) and/or trademark(s) above unless with prior agreement from the NF and A2P-licensed manufacturer,
- to make no modifications of the said reference(s) and/or trademark(s) without having first notified AFNOR Certification and CNPP,
- to make no modification to the product marking carried out by the manufacturer, in accordance with the NF and A2P Electronic Security Equipment certification rules
- to agree to any inspection and/or sampling visit concerning this product necessary for non-systematic verifications that may be imposed by the certification bodies,
- to apply the measures resulting from sanctions taken in compliance with the General Rules of the NF mark, General Regulations (reference H0) of the A2P mark (referenced H0) for the CNPP and the NF and A2P Electronic security equipment certification rules, which I declare that I have read and understood.
- to make all payments required of me, in accordance with the NF and A2P Electronic security equipment certification rules.

I declare that I have read and accept the General Rules of the NF mark, the General Regulations (reference H0) of the CNPP, and the NF and A2P "Electronic Security Equipment" certification standard, and I hereby pledge to comply with them during the whole period of use of the NF and A2P marks.

--

Mark distributor's trade stamp

Date, name, function and signature of the retailer representative or owner of the brand

**STANDARD LETTER C - VARIANT APPLICATION FORM
NF AND A2P**

(drawn up on the holder's headed paper)

Director of AFNOR Certification
Director of the CNPP Certification Department

CNPP – Département Certification
Route de la Chapelle Réanville
CD 64 – BP 2265
27950 SAINT MARCEL

1A- APPLICANT (HOLDER name featuring on the 'father product' certificate)			
Company name:			
Address:			
Postcode:		City/Country:	
SIRET ^{(1)*} number:		NAF ^{(1)*} code:	
VAT* number:			
Name and functional position of the legal representative*:			
Name and functional position of the correspondent (if different)*:			
Tel:		Email*:	

(1) Only for French companies

* only to be completed for first-time applications (new license holder) or for a scope change

2A- PRODUCT ('father product')		<input type="checkbox"/> Intrusion detection product <input type="checkbox"/> Access control management facilities	
Type of product: See §1.1.5.1 and 1.1.5.2 of certification reference document NF324/H58)		Commercial reference:	
Reference range:		Trademark:	
Security level:	OPTION 0:	<input type="checkbox"/> Grade 1	<input type="checkbox"/> Grade 2 <input type="checkbox"/> Grade 3
	OPTION 1, 2 or 3:	<input type="checkbox"/> 1 Shield	<input type="checkbox"/> 2 Shields <input type="checkbox"/> 3 Shields
Certificate number:		Factory code(s): (see on the certificate – XXXXP2)	

2B- PRODUCT (variant)			
Type of product: See §1.1.5.1 and 1.1.5.2 of certification reference document NF324/H58)		Commercial reference:	
Reference range:		Trademark:	
Security level:	OPTION 0:	<input type="checkbox"/> Grade 1	<input type="checkbox"/> Grade 2 <input type="checkbox"/> Grade 3
	OPTION 1, 2 or 3:	<input type="checkbox"/> 1 Shield	<input type="checkbox"/> 2 Shields <input type="checkbox"/> 3 Shields

3- DESCRIPTIVE OUTLINE OF THE MODIFICATION

4 - COMMITMENT

As license holder of the NF and A2P marks for the Electronic Security Equipment application for the above-stated father product (2A), I would like to request authorization to affix the said marks on the product variant (2B) that I manufacture which is derived from the 'father product' approved for the NF and A2P marks and that adds the modifications listed in paragraph 3.

I declare that I have read and accept the General Rules of the NF mark, the General Regulations (reference H0) of the CNPP, and the NF and A2P "Electronic Security Equipment" certification standard, and I hereby pledge to comply with them.

I declare that the other characteristics of the product covered by this application conform strictly to the model already certified for the NF and A2P marks on Electronic Security Equipment and that model is manufactured under the same conditions.

I hereby authorize the CNPP and AFNOR Certification to go ahead with any and all exchanges necessary with the CNPP's Electronic Security Breaches laboratory.

**Date, name, function and signature
of the NF and A2P mark holder**

**STANDARD LETTER D - APPLICATION FOR EXTENSION
NF AND A2P**

(drawn up on the applicant's headed paper)

Director of AFNOR Certification
Director of the CNPP Certification Department

CNPP – Département Certification
Route de la Chapelle Réanville
CD 64 – BP 2265
27950 SAINT MARCEL

1- APPLICANT (license holder featuring on the certificate)			
Company name:			
Address:			
Postcode:		City/Country:	
SIRET ^{(1)*} number:		NAF ^{(1)*} code:	
VAT* number:			
Name and functional position of the legal representative*:			
Name and functional position of the correspondent (if different)*:			
Tel:		Email*:	

(1) Only for French companies

* only to be completed for first-time applications (new license holder) or for a scope change

2- PRODUCT*: <input type="checkbox"/> Intrusion detection product <input type="checkbox"/> Access control management facilities			
Type of product: See §1.1.5.1 and 1.1.5.2 of certification reference document NF324/H58)		Commercial reference:	
Reference range:		Trademark:	
Security level:	OPTION 0:	<input type="checkbox"/> Grade 1	<input type="checkbox"/> Grade 2 <input type="checkbox"/> Grade 3
	OPTION 1, 2 or 3:	<input type="checkbox"/> 1 Shield	<input type="checkbox"/> 2 Shields <input type="checkbox"/> 3 Shields
Certificate number:		Factory code: (see on the certificate – XXXXP2)	

* In the event of a modification impacting on several certified products, copy and paste Table 2 as many times as necessary or list the product referenced concerned (down to the same level of detail) in a separate document appendix.

3- MODIFICATION OF THE PRODUCT	
Type of modification:	The modification affects the essential certified characteristics:
	<input type="checkbox"/> YES - Major modification <input type="checkbox"/> NO - Minor modification
Descriptive outline of the modification: (component added/withdrawn, software update, technical upgrade, etc.)	
If the modification is minor, forecast date it comes into effect:	

4- CHANGE OF PLACE OF MANUFACTURE	
(only to be completed if declaring a new manufacturing site) (forward us the Manufacturing File and Quality File – see SA of the Technical / Industrial File (type-G file))	
Type of modification:	<input type="checkbox"/> Addition of a new manufacturing site <input type="checkbox"/> Production transfer (information items to be provided: tentative schedule for the production transfer, inventory of the certified products in stock at the former site and forecast date of stock-out)
Comments:	

SITE:		<input type="checkbox"/> License holder's production unit	<input type="checkbox"/> Subcontractor <i>(Model template letter E to be completed)</i>
Company name:			
Address:			
Postcode:		City/Country:	
Activities performed by the manufacturing site:	<input type="checkbox"/> Design <input type="checkbox"/> Manufacture of one or more components <input type="checkbox"/> Assembly and fitting of the finished product	<input type="checkbox"/> Inspections <input type="checkbox"/> Marking <input type="checkbox"/> Other (give details):	

SIRET* number:		NAF* code:	
VAT* number:			
Name and functional position of the legal representative*:			
Name and functional position of the correspondent (if different)*:			
Tel:		Email*:	

(1) Only for French companies

5 - COMMITMENT
<p>As license holder of the NF and A2P marks for the Electronic Security Equipment application for the above-stated product that I manufacture, I would like to declare the modification(s) described in section 3 and/or section 4.</p> <p>I declare that I have read and accept the General Rules of the NF mark, the General Regulations (reference HO) of the CNPP, and the NF and A2P "Electronic Security Equipment" certification standard, and I hereby pledge to comply with them.</p> <p>I declare that the other characteristics of the product covered by this application conform strictly to the model already certified for the NF and A2P marks on Electronic Security Equipment and that model is manufactured under the same conditions.</p> <p>I hereby authorize the CNPP and AFNOR Certification to go ahead with any and all exchanges necessary with the CNPP's Electronic Security Breaches laboratory.</p>

**Date, name, function and signature
of the NF and A2P mark holder**

**STANDARD LETTER E – SUBCONTRACTOR COMMITMENT
NF AND A2P**

(drawn up on the subcontractor's headed paper)

Director of AFNOR Certification
Director of the CNPP Certification Department

CNPP – Département Certification
Route de la Chapelle Réanville
CD 64 – BP 2265
27950 SAINT MARCEL

1- SUB-CONTRACTOR			
Company name:			
Address:			
Postcode:		City/Country:	
SIRET ⁽¹⁾ * number:		NAF ⁽¹⁾ * code:	
VAT number:			

(1) Only for French companies

Name and functional position of the legal representative*:			
Name and functional position of the correspondent (if different):			
Tel:		Email:	

2- PRODUCT* :			
<input type="checkbox"/> Intrusion detection product		<input type="checkbox"/> Access control management facilities	
Type of product:		Commercial reference:	
Reference range:		Trademark:	

* In the event one or more products are concerned, copy and paste Table 2 as many times as necessary or list the product referenced concerned (down to the same level of detail) in a separate document appendix.

3- ACTIVITIES SUBCONTRACTED	
<input type="checkbox"/> Design	<input type="checkbox"/> Inspections
<input type="checkbox"/> Manufacture of one or more components	<input type="checkbox"/> Marking
<input type="checkbox"/> Assembly and fitting of the finished product	<input type="checkbox"/> Other (give details):

4 - COMMITMENT	
<p>I declare that I have read and accept the General Rules of the NF mark, the General Regulations (reference H0) of the CNPP, and the NF and A2P "Electronic Security Equipment" certification standard, and I hereby pledge to comply with them.</p> <p>I pledge to accept visits concerning the above-listed functions that I carry out. All these functions are carried out under my responsibility and under the supervision of the applicant/licensee of the NF and A2P marks who remains in control of all these functions.</p> <p>I pledge not to market the product concerned.</p> <p>I take note that the right of use of NF and A2P "Electronic Security Equipment" marks is only awarded to the licensee.</p>	

Company stamp, date, name, function and signature of the representative of the licensee of the NF and A2P marks

Company stamp, date, name, function and signature of the representative of the subcontractor

**STANDARD LETTER F – AGENT INFORMATION FORM
NF AND A2P**

(compulsory document to attach to any first-time application)

Director of AFNOR Certification
Director of the CNPP Certification Department

CNPP – Département Certification
Route de la Chapelle Réanville
CD 64 – BP 2265
27950 SAINT MARCEL

1- AGENT			
Company name:			
Address:			
Postcode:		City/Country:	
SIRET ^{(1)*} number:		NAF ^{(1)*} code:	
VAT number:			

(1) Only for French companies

Name and functional position of the legal representative*:			
Name and functional position of the correspondent (if different):			
Tel:		Email:	

2- APPLICANT/LICENSE HOLDER			
Company name:			
Address:			
Postcode:		City/Country:	

3- MINIMUM CONTENT OF THE MANDATE
<ul style="list-style-type: none"> ➤ Duties and associated responsibilities ➤ Financial aspects ➤ Claims ➤ Contact for the certification bodies

4 - COMMITMENT		
<ul style="list-style-type: none"> ➤ The mandate shall be listed in the quality system of the applicant / license holder. ➤ A copy of the mandate in French or English shall be included with the application co-signed by both parties. ➤ Compliance with the mandate shall be subject to audits. ➤ The certification bodies shall be informed of any changes in the mandate. 		
<table border="1" style="width: 100%; height: 50px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>		

Date and signature of the applicant's legal representative, preceded by the handwritten statement "Good for Representation"

Date and signature of the representative in the European Economic Space, preceded by the handwritten statement "Good for Representation"

**STANDARD FILE G - TECHNICAL / INDUSTRIAL FILE
MANUFACTURER APPLICANT AND PIGGYBACKER**

GENERAL

All the documents which cannot be completed in conventional word processing tools (i.e. documents requiring the use of specialised software or larger than A4 size, etc.) shall be sent to the certification bodies by regular mail. The other items in the package can be sent by email.

If the package is dispatched by regular mail, it is to be sent **in duplicate**.

All documents required shall be drafted in either French or English. The technical and operating instructions shall be written in French. The certification bodies reserve the right to request a translation into French of the documents attached to the original documents, in whole or in part, at the expense of the applicant.

CAUTION!

Applicants have six months to complete incomplete applications. If the first reminder letter is not answered within one month, the application is disqualified and the costs of the study incurred are invoiced.

Invoices for down payment must be settled within 3 months, or the application is disqualified.

TECHNICAL / INDUSTRIAL FILE FOR MANUFACTURER APPLICANT

The applicant / license holder must be the entity that has control of the technical / industrial file and ensures, either directly or through a retailer, the marketing and traceability of the finished product.

A - MANUFACTURING FILE AND QUALITY FILE

Items to be supplied for the applicant and for each production site / subcontractor

QUALITY FILE

✓ **The Quality Manual** describes the production and inspection facilities available to the applicant, indicates where these resources are located, sets out the warehouses and stores where the products are stored ready for delivery, and indicates the sub-contractors and suppliers of items that are not of its making (transformer, printed circuits, etc..) with reference(s) to the supplier catalogue.

The manual is attached to the first application made by an applicant who has not yet had a product admitted for NF and A2P marking.

✓ **The records of any 'system' certification** according to NF EN ISO 9001 shall also be provided at the time of application, clearly distinguishing their scope and the site(s) in question, and precisely specifying the type of activity (design, manufacturing).

In subsequent applications, only modifications not included in the original manual are to be specified. If there is no modification, this is also to be stated.

MANUFACTURING FILE:

✓ **A Quality Plan shall be provided, in accordance with the requirements of these regulations, including the following items:**

• a specification for components or materials used and outsourced subassemblies including:

- their purpose and scope,
- the references of outsourced components and sub-assemblies,
- the electrical characteristics, dimensions and tolerances,
- any specific additional requirements (excluding standards),
- the conditions for acceptance,
- the handling of disputes and non-conformities,
- marking, identification,
- the conditions for packing and labelling information,
- the inspection documents required,

• the manufacturing facilities on the production site,

• the manufacturing capacity of the production site and of the production site(s) of any sub-contractors,

• the production facilities of these sub-contractors.

In the event of an additional request of a license holder already admitted to use the NF and A2P marks for electronic security equipment, approved modifications or adjustments to the drawings and the quality manual may be provided.

✓ **A manufacturing inspection plan, which is to at least indicate:**

- the features inspected,
- the operating procedures,
- the reference values if measurements are to be made,
- model records for these inspections.

B- TECHNICAL FILE

The list of product components and the set of dated and indexed drawings (assembly and detail drawings) for which first-time NF and A2P certification is requested, in compliance with the applicant's quality system, shall be provided.

All the drawings in the record shall bear the title block of the applicant / license holder or be approved by same in the event of subcontracting.

For a sub-assembly procured via a catalogue, a copy of the page containing the references and description of the sub-assembly must be attached. In other cases, a complete file on the sub-assembly shall be provided.

A repertory summarising the numbers of the drawings, diagrams and parts lists shall be attached to the package.

Other information:

List of additional and / or optional features

List and origin of components (within the meaning of this regulations) used

✓ Electrical and electronic circuit diagrams:

Schematic diagrams of electronic circuits with location of the terminals in order to easily determine the inter-circuit connections, together with any necessary interconnection documents.

The diagrams shall be accompanied by the list of the components or parts, including the definition and characteristics of each (the references may be those provided by the manufacturer, provided that the functional characteristics of the components are specified).

Diagrams of the printed circuits with a view of the components and flow paths (the components are to be identified).

Diagrams of the connection terminals with the identification of the links.

✓ Manufacturing drawings

Each sub-assembly is to be accompanied by a list of the parts comprising the materials and the protection of same if they exist (paint, varnish, etc.).

They shall include at least:

- drawings representing the fronts of the housings, with the dimensional characteristics, and a representation of the lights, buttons and inscriptions in French (including the identification sticker).
- layout drawings for sub-assemblies indicating the position of each of the items included inside (the items are to be located).
- positioning drawings for the terminals and wiring (the terminals are to be located).

✓ Product description file

This file shall include at least all the information listed. The division into paragraphs as presented below is strongly recommended but not mandatory.

- Explanation of the main functions of the circuits
- Description of the functional characteristics

The characteristics of the additional functions are described in the technical file under the same conditions as the main functional characteristics. However, it must be made clear that these are additional characteristics:

- Description of electrical characteristics (mains voltage, type, size and manufacturer of batteries, type of charger and battery charging current, characteristics of the alternative power source, characteristics (voltage, current) with tolerances and in alarm mode, use of external devices, isolation switching capacity of contacts available to user, etc.)

-
- Description of the software if the product includes a programmed component (see the supplemental "Software" file below).
 - Description of the environmental resistance characteristics (climate, mechanical, chemical, electrical resistance)

✓ Software versioning form

The applicant shall provide guarantees that software versioning is controlled. A software versioning form with indication of versions and revision numbers shall be implemented.

This document shall be kept available for the certification bodies, the laboratory and the inspectors of the NF and A2P marks.

✓ Technical file

Model template technical files for different certifiable products are available from the one-stop shop.

C- PRODUCT INFORMATION FILE**✓ SALES INFORMATION**

The file shall include:

- the draft product marking sheet(s) in accordance with § 2.8.
- all sales documents referring to the NF and A2P marks (draft templates or final documents).

The license holder shall specify the manner of targeted retailing (professional, non-professional, etc.) in each document (if they are separate).

✓ Installation instructions

Where appropriate, the instructions shall include all the interconnection documents specifying the environment for installing each type of product.

It shall specify the connection, the type of cable required, and any specific features of the product.

✓ Start-up instructions

The instructions shall state the procedures for parameter-setting, adjustment, and handling, and define the process for verifying the functions of the product.

This document describes in particular the operations to be performed at first service start-up.

✓ User instructions

The instructions must state the procedures for start-up, shut-down, the activation of various options or additional features, etc.

The instructions shall also explain to the user the display of the information provided by the various certified products when this information is actually displayed.

✓ Servicing, operation and preventive maintenance instructions

The instructions shall include the instructions for any checks and maintenance specific to each product when required.

TECHNICAL FILE – APPLICANT PIGGYBACKER**A - QUALITY FILE**

(this file is to be provided only if the application concerns a new family of products or a change in the regulations).

✓ A Quality Plan containing the procedures for:

- document control,
- quality records,
- the control of purchased products,
- the control of non-conforming products, corrective actions,
- product preservation,
- customer complaint management.

B- TECHNICAL FILE

See the manufacturer applicant's technical file

C- PRODUCT INFORMATION FILE

See the manufacturer applicant's product information file