CERTALARM SYSTEM CERTIFICATION RULES

PART 2
Standards specified for various products, systems and services

DOCUMENT NUMBER R-02

FOREWORD:

The **CERTALARM** Quality Mark (the Mark) has been established to provide a single Quality Mark, recognised throughout Europe and globally, for products, systems and services in the Electrical and Electronic Fire & Life Safety and Security industries.

The **CERTALARM** System provides for Certification "Type 5" applicable to products, and "Type 6" applicable to services, as defined in EN ISO/IEC 17067. It provides assurance to the specifier and user that the product, system or service consistently meets all requirements of the relevant European or other specified standards.

The **CERTALARM** Mark is owned by **CERTALARM** AISBL and administered by **CERTALARM** Management. The **CERTALARM** System is made available to Certification bodies who wish to offer the **CERTALARM** Quality Mark to clients desiring to demonstrate the compliance of their products, systems or services to the relevant standards by conformity testing, assessment of the quality management system applicable to the manufacture / provision of that product, system or service and associated inspection of the manufacture or service provision.

This document currently includes both generic "**CERTALARM** System Rules" and the specific "Scheme Rules" for the initial **CERTALARM** schemes covering Fire and Security Alarm Equipment and Systems. Whilst provision has been made for the inclusion of Services schemes within the generic **CERTALARM** System, specific rules for a "Services" scheme have not yet been included.

AUTHORSHIP and COPYRIGHT

OFFICIAL LANGUAGE

The official version of this document is English.
It may be translated as required into other languages, but in case of dispute, the English version will remain the definitive version.

LATEST VERSION

The revision status of this document may be checked on the **CERTALARM** website (www.certalarm.org) and the latest version downloaded as required

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CERTALARM SYSTEM: CERTIFICATION RULES - Part 2

Standards specified for various products, systems and services

CONTENTS:

1 SCOPE

This document lists the standards or other technical specifications to be used for assessment of compliance of products, systems or services, along with identification of EU Regulations and Directives for which the manufacturer is responsible to make Declarations of Conformity order to qualify for granting of a license to apply the **CERTALARM** Mark.

NOTE: Priority is given to European Norms (EN standards), unless these are superseded by ISO / IEC standards. If no such standard is available, a suitable CEN / CENELEC Technical Specification (TS) will be selected, or, if appropriate, a recognised technical specification from another source will be referenced. Use of the term "standard" in this document should be understood to mean whichever of these has been determined as most appropriate and acceptable to the industry and marketplace for inclusion in the scheme.

2 NORMATIVE REFERENCES

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN ISO/IEC 17000	Conformity assessment – Vocabulary and general principles
CERTALARM System: Certification Rules - Part 1	Standards specified for various products, systems and services
CERTALARM System Certification Rules - Part 3	Specification for testing to be conducted at periodic surveillance of products and systems
CERTALARM System: Certification Rules - Part 4	Procedures for confirmation of continued consistency of results

3 DEFINITIONS AND ABBREVIATIONS

For the purposes of these regulations, the definitions given in EN/ISO 17000 "Conformity assessment – Vocabulary and general principles" should be used, along with the those included in **CERTALARM** System: Certification Rules – Part 1: Definition of procedures and conditions for testing and certification.

Additional Abbreviations:

CEA Comité Européen des Assurances (the European insurance and reinsurance federation). CEA document references remained unchanged when the federation changed its name to Insurance Europe.

4 CERTIFICATION INCLUDING OTHER STANDARDS

4.1. Additional standards

Provided that they do not conflict with the requirements of mandated standards, a manufacturer may request that the requirements of additional standards are also tested – e.g. to corresponding IEC / ISO standards – and the **CERTALARM** certificate endorsed accordingly (or a separate non- **CERTALARM** certificate issued).

The product shall always be tested to ensure compliance with the relevant standard(s) specified in clause 6.

4.2. Where no standard is listed

Where no relevant product standard is listed in this document AND no relevant European or International standard exists, a relevant national standard may be used as the basis for **CERTALARM** certification, with the prior agreement of **CERTALARM**.

Such standards will be added to this listing, as appropriate.

5 OPTIONS WITH REQUIREMENTS WITHIN THE STANDARD

Where a standard lists options with requirements, the certificate shall list all options tested. Where alternative versions of a product are manufactured with different options, this shall be unambiguously stated.

6 PRODUCTS, SYSTEMS AND SERVICES

6.1. Fire & Life Safety Alarm Systems Products

6.1.1. General

Periodic surveillance of products will be carried out by re-testing of samples supplied as specified in clause 6.2.8 of "**CERTALARM** System: Certification Rules - Part 1: Definition of procedures and conditions for testing and certification" and "**CERTALARM** System: Certification Rules - Part 3: Specification for testing to be conducted at periodic surveillance of products and systems" at a maximum interval of two years, unless otherwise specified below, for each individual standard. This may be extended, with the agreement of the Contracted Certification body, for up to six months to permit completion of a product revision.

This interval may be reduced if major non-compliances are found, with the agreement of **CertAlarm** Management.

Note: a "major" non-compliance is one that could affect the integrity of the product, system or service.

Re-testing will be confined to critical requirements, as specified in **CERTALARM** System Rules – Part 3: Specification for testing to be conducted at periodic surveillance of products and systems

If the specified surveillance interval exceeds two years, an intermediate visual inspection of the product and bill of materials shall be carried out as part of factory process control (see "**CERTALARM** System: Certification Rules - Part 1: Definition of procedures and conditions for testing and certification" clause 6.2.8).

Any of these requirements are superseded by the requirements of an applicable directive or regulation if more stringent.

6.1.2. EN standards

Please refer to Annex A1.

6.1.3. ISO standards

Please refer to Annex A2.

6.2 Fire & Life Safety Alarm Systems

6.2.1. General

Periodic surveillance of system components shall be carried out by verification of the ongoing certified status of all individual components, at intervals of two years unless otherwise specified below for each individual standard.

This may be extended, with the agreement of the Contracted Certification body, for up to six months to permit completion of a product revision.

This interval may be reduced if major non-compliances are found, with the agreement of **CERTALARM** Management.
Note: a "major" non-compliance is one that could affect the integrity of the system.

If the specified surveillance interval exceeds two years, an intermediate visual inspection of the product and bill of materials shall be carried out as part of factory process control (see "**CERTALARM** System: Certification Rules - Part 1: Definition of procedures and conditions for testing and certification" clause 6.2.8).

Any of these requirements are superseded by the requirements of any directive or regulation if more stringent.

Only the latest versions of standards are listed below. When a superseded standard has not been withdrawn, it is still possible to issue a **CERTALARM** certificate according to the superseded standard. In that case, the period of validity of the **CERTALARM** certificate cannot exceed the Date of Withdrawal (DoW) of the superseded standard.

6.2.2. EN standard or specification

Please refer to Annex A3.

6.3 Security Intruder & Hold Up Alarm System Products

6.3.1. General

Any device incorporating a local power supply connected to the mains shall be tested as defined in 6.3.4 in addition to the relevant product standard.

Periodic surveillance of products will be carried out by periodic visual inspection supplied as specified in clause 6.2.8 of "**CERTALARM** System: Certification Rules – Part 1: Definition of procedures and conditions for testing and certification" at a maximum interval according to security grade, as shown in Table 1, unless otherwise specified below for each individual standard.

This may be extended, with the agreement of the Contracted Certification body, for up to six months to permit completion of a product revision.

Table 1 – Surveillance interval by Security Grade

	Grade 1	Grade 2	Grade 3	Grade 4
Surveillance interval	4 years	2 years	2 years	2 years

This interval may be reduced if major non-compliances are found, with the agreement of **CERTALARM** Management.

Note: a "major" non-compliance is one that could affect the integrity of the product, system or service.

Testing will be confined to critical functional requirements, as specified in **CERTALARM** System Rules – Part 3: Specification for testing to be conducted at periodic surveillance of products and systems.

Where the specified surveillance interval exceeds two years, an intermediate visual inspection of the product and bill of materials shall be carried out as part of factory process control (see "**CERTALARM** System: Certification Rules - Part 1: Definition of procedures and conditions for testing and certification" clause 6.2.9).

Any of these requirements are superseded by the requirements of any applicable directive or regulation if more stringent.

6.3.2. Generic system standard

EN 50131-1:2006 +A1:2009 provides the generic requirements for compliance of any component intended for use in an intrusion or hold up alarm system, for which there is no specific standard.

It does NOT include test procedures, and is not suitable for assessment of compatibility of system components.

Compliance to EN 50131-1:2006 Annex A – Environmental conditions for Scandinavian countries – must be identified on certification.

6.3.3. CLC/TC79: Alarm Systems – Intrusion & Hold-up Alarm Systems

Please refer to Annex A4.

6.3.4. IEC/TC79: Alarm Systems – Intrusion & Hold-up Alarm Systems

Please refer to Annex A5.

6.4 Social Alarm Systems

Please refer to Annex A6.

6.5 Electronic Access Control Products and Systems

Please refer to Annex A7.

6.6 Video Surveillance Systems for use in Security Applications

Please refer to Annex A8.

6.7 Alarm Transmission Systems / Products covered by EN or TS

Please refer to Annex A9.

6.8 Alarm and electronic System Systems / Monitoring and Alarm Receiving Centre

Please refer to Annex A10.

6.9 Fire & Life Safety and Security Alarm System Services

Not yet included in scheme.

ANNEX A1
Fire & Life Safety Alarm Systems Products / EN standards

Changes noted as of March 2018

Standard	Title / Product	CertAlarm doa*	CertAlarm doe**	Comments
EN 54-2:1997 + AC:1999 + A1:2006	Control and indicating equipment	2006-10-25	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 54-3:2001 + A1:2002 + A2:2006	Fire alarm devices - Sounders	2006-05-31	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 54-4:1997 + AC:1999 + A1:2002 + A2:2006	Power supply equipment	1997-10-22	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 54-5:2000 + A1:2002	Heat detectors – point detectors	2000-12-13	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 54-5:2017	Heat detectors – point detectors	TBD	-	Not harmonized under the CPR yet FYI only, not included in CertAlarm's scope until harmonization
EN 54-7:2000 + A1:2002 + A2:2006	Smoke detectors – point detectors using scattered light, transmitted light or ionization	2000-12-13	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 54-10:2002 + A1:2005	Flame detectors – point detectors	2002-01-23	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 54-11:2001 + A1:2005	Manual call points	2001-05-23	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 54-12:2015	Smoke detectors – line detectors using an optical beam	2015-04-08	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 54-16:2008	Voice alarm control and indicating equipment	2008-03-05	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 54-17:2005 + AC:2007	Short-circuit isolators	2005-12-07	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 54-18:2005 + AC:2007	Input/Output devices	2005-12-07	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 54-20:2006 + AC:2008	Aspirating smoke detectors	2006-06-21	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 54-21:2006	Fire alarm transmission systems and fault warning routing equipment	2006-05-31	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 54-22:2015	Resettable line-type heat detectors	2015-05-20	-	Not harmonized under CPR DOE to be determined by CertAlarm
EN 54-23:2010	Visual alarm devices	2010-03-10	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 54-24:2008	Components of voice alarm systems - loudspeakers	2008-04-02	-	DOE will be the end-date of the co-existence period when current version is superseded

Standard	Title / Product	CertAlarm doa*	CertAlarm doe**	Comments
EN 54-25:2008 + AC:2012	Components using radio links	2008-03-05	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 54-26:2015	Carbon monoxide detectors - Point detectors	2015-04-08	-	**Not harmonized under CPR DOE to be determined by CertAlarm**
EN 54-27:2015	Duct smoke detectors	2015-03-11	-	**Not harmonized under CPR DOE to be determined by CertAlarm**
EN 54-28:2016	Non-resettable line-type heat detectors	2016-05-31	-	Not harmonized under CPR DOE to be determined by CertAlarm
EN 54-29:2015	Multi-sensor fire detectors - Point detectors using a combination of smoke and heat sensors	2015-04-08	-	**Not harmonized under CPR DOE to be determined by CertAlarm**
EN 54-30:2015	Multi-sensor fire detectors - Point detectors using a combination of carbon monoxide and heat sensors	2015-04-08	-	**Not harmonized under CPR DOE to be determined by CertAlarm**
EN 54-31:2014 + A1:2016	Multi sensor fire detectors – Point detectors using a combination of smoke, carbon monoxide and optionally heat detectors	2016-04-27	-	**Not harmonized under CPR DOE to be determined by CertAlarm**
EN 14604:2005 + AC:2008	Smoke alarm devices	2005-07-27	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 12094-1:2003	Components for gas extinguishing systems – electrical automatic control and delay device	2003-04-16	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 12094-3:2003	Components for gas extinguishing systems – manual triggering and stop devices	2003-03-26	-	DOE will be the end-date of the co-existence period when current version is superseded
EN 50291-1:2010 + A1:2012	CO detectors for domestic premises	2012-06-01	-	**Not harmonized under CPR DOE to be determined by CertAlarm**
EN 50291-2:2010	CO detectors for recreational vehicles	2010-04-30	-	**Not harmonized under CPR DOE to be determined by CertAlarm**

*doa: Date of applicability of the standard for the issuance of CertAlarm certificates.

**doe: Date of expiry of CertAlarm certificates issued according to previous versions of this standard.

ANNEX A2
Fire & Life Safety Alarm Systems Products / ISO standards

Changes noted as of March 2018

Standard	Title / Product	CertAlarm doa*	CertAlarm doe**	Comments
ISO 7240-2:2003	Part 2: Control and indicating equipment	2003-09-15	-	DOE to be determined by CertAlarm
ISO 7240-2:2017	Part 2: Control and indicating equipment	2017-11-25	2021-11-24	DOE = DOA (new standard) + 4 years
ISO 7240-3:2010	Part 3: Audible alarm devices	2010-12-15	-	DOE to be determined by CertAlarm
ISO 7240-4:2017	Part 4: Power supply equipment	2017-11-25	2021-11-24	DOE = DOA (new standard) + 4 years
ISO 7240-4:2003	Part 4: Power supply equipment	2003-08-01	-	DOE to be determined by CertAlarm
ISO 7240-5:2012	Part 5: Point-type heat detectors	2012-06-15	-	DOE to be determined by CertAlarm
ISO 7240-6:2011	Part 6: Carbon monoxide fire detectors using electro-chemical cells	2011-06-15	-	DOE to be determined by CertAlarm
ISO 7240-7:2011	Part 7: Point-type smoke detectors using scattered light, transmitted light or ionization	2011-08-01	-	DOE to be determined by CertAlarm
ISO 7240-8:2014	Part 8: Point-type fire detectors using a carbon monoxide sensor in combination with a heat sensor	2014-12-15	-	DOE to be determined by CertAlarm
ISO 7240-10:2012	Part 10: Point-type flame detectors	2012-05-15	-	DOE to be determined by CertAlarm
ISO 7240-11:2011	Part 11: Manual call points	2011-06-15	-	DOE to be determined by CertAlarm
ISO 7240-12:2014	Part 12: Line type smoke detectors using a transmitted optical beam	2014-04-15	-	DOE to be determined by CertAlarm
ISO 7240-15:2014	Part 15: Point-type fire detectors using smoke and heat sensors	2014-07-01	-	DOE to be determined by CertAlarm
ISO 7240-16:2007	Part 16: Sound system control and indicating equipment	2007-07-01	-	DOE to be determined by CertAlarm
ISO 7240-17:2009	Part 17: Short-circuit isolators	2009-08-15	-	DOE to be determined by CertAlarm
ISO 7240-18:2009	Part 18: Input/output devices	2009-11-01	2021-09-04	DOE = DOA (new standard) + 4 years
ISO 7240-18:2017	Part 18: Input/output devices	2017-09-05	-	DOE to be determined by CertAlarm
ISO 7240-20:2010	Part 20: Aspirating smoke detectors	2010-05-15	-	DOE to be determined by CertAlarm
ISO 7240-21:2005	Part 21: Routing equipment	2005-07-01	-	DOE to be determined by CertAlarm
ISO 7240-22:2007	Part 22: Smoke-detection equipment for ducts	2007-05-15	2021-09-04	DOE = DOA (new standard) + 4 years
ISO 7240-22:2017	Part 22: Smoke-detection equipment for ducts	2017-09-05	-	DOE to be determined by CertAlarm
ISO 7240-23:2013	Part 23: Visual alarm devices	2013-01-15	-	DOE to be determined by CertAlarm

Standard	Title / Product	CertAlarm doa*	CertAlarm doe**	Comments
ISO 7240-24:2016	Part 24: Sound-system loudspeakers	2016-04-15	-	DOE to be determined by CertAlarm
ISO 7240-25:2010	Part 25: Components using radio transmission paths	2010-06-01	-	DOE to be determined by CertAlarm
ISO 7240-27:2009	Part 27: Point-type fire detectors using a scattered-light, transmitted-light or ionization smoke sensor, an electrochemical-cell carbon-monoxide sensor and a heat sensor	2009-04-01	-	DOE to be determined by CertAlarm
ISO 7240-28:2014	Part 28: Fire protection control equipment	2014-08-15	-	DOE to be determined by CertAlarm
ISO/TS 7240-29:2017	Part 29: Video fire detectors	2017-06-14	-	DOE to be determined by CertAlarm TAG decided to include this TS (Oct 2017)
ISO 12239:2010	Smoke alarms using scattered light, transmitted light or ionization	2010-12-15	-	DOE to be determined by CertAlarm

*doa: Date of applicability of the standard for the issuance of CertAlarm certificates.

**doe: Date of expiry of CertAlarm certificates issued according to previous versions of this standard.

ANNEX A3
Fire & Life Safety Alarm Systems / EN standard or specification

Changes noted as of March 2018

Standard	Title / Product	CertAlarm doa*	CertAlarm doe**	Comments
EN 54-13:2005	Fire detection and fire alarm systems (compatibility assessment of system components)	2005-05-18	doe to be defined - On-going discussions at CEN TC72	May include components certified to national standards, or to which no standards / certification is applicable. Certificate to detail all products assessed. DOE to be determined by CertAlarm.
EN 54-13:2017	Fire detection and fire alarm systems - Part 13: Compatibility and connectability assessment of system components	Date of amendment of CertAlarm rules	-	May include components certified to national standards, or to which no standards / certification is applicable. Certificate to detail all products assessed. DOE to be determined by CertAlarm.

*doa: Date of applicability of the standard for the issuance of CertAlarm certificates.

**doe: Date of expiry of CertAlarm certificates issued according to previous versions of this standard.

ANNEX A4
CLC/TC79: Alarm Systems – Intrusion & Hold-up Alarm Systems

Changes noted as of March 2018

Standard	Title / Product	CertAlarm doa*	CertAlarm doe**	Comments/ Cross reference
EN 50130-4:2011/A1:2014	Alarm systems - Part 4: Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems	2014-07-04	-	IEC/TC79/ IEC 62599-2
EN 50130-5:2011	Alarm systems - Part 5: Environmental test methods	2011-05-06	-	IEC/TC79/ IEC 62599-1
EN 50131-1:2006/A1:2009	Intrusion and hold-up systems - Part 1: Systems Requirements	2009-05-29	-	IEC/TC79/ IEC 62642-1
EN 50131-1:2006/A2:2017	Intrusion and hold-up systems - Part 1: Systems Requirements	2017-08-20	-	IEC/TC79/ IEC 62642-1 EN 50131-1:2006/A2:2017 is available as of 2017-08-20
EN 50131-2-2:2008	Intrusion and hold-up systems - Part 2-2: Intrusion detectors - Passive infrared detectors	2014-02-28	-	DOE = DOA (new standard) + 4 years
EN 50131-2-2:2017	Intrusion and hold-up systems - Part 2-2: Intrusion detectors - Passive infrared detectors	2017-11-24	-	Supersedes EN50131-2-2:2008 and EN50131-2-2/IS1:2014
EN 50131-2-3:2008	Intrusion and hold-up systems - Part 2-3: Requirements for Microwave detectors	2014-02-28	-	IEC/TC79/ IEC 62642-2-3 Information Sheet 1:2014
EN 50131-2-4:2008	Alarm systems - Intrusion and hold-up systems - Part 2-4: Requirements for combined passive infrared and microwave detectors	2014-02-28	-	IEC/TC79/ IEC 62642-2-4 Information Sheet 1:2014
EN 50131-2-5:2008	Intrusion and hold-up systems - Part 2-5: Requirements for combined passive infrared and ultrasonic detectors	2014-02-28	-	IEC/TC79/ IEC 62642-2-5 Information Sheet 1:2014
EN 50131-2-6:2008	Intrusion and hold-up systems - Part 2-6: Opening contacts (magnetic)	2014-02-28	-	IEC/TC79/ IEC 62642-2-6 Information Sheet 1:2014
EN 50131-2-7-1:2012/A2:2016	Intrusion and hold-up systems - Part 2-7-1: Intrusion detectors - Glass break detectors (acoustic)	2016-03-04	-	IEC/TC79/ IEC 62642-2-7-1
EN 50131-2-7-2:2012/A2:2016	Intrusion and hold-up systems - Part 2-7-2: Intrusion detectors - Glass break detectors (passive)	2016-03-04	-	IEC/TC79/ IEC 62642-2-7-2
EN 50131-2-7-3:2012/A2:2016	Intrusion and hold-up systems - Part 2-7-3: Intrusion detectors - Glass break detectors (active)	2016-03-04	-	IEC/TC79/ IEC 62642-2-7-3
EN 50131-2-8:2016	Intrusion and hold-up systems - Part 2-8: Intrusion detectors - Shock detectors	16.12.2016	-	-

Standard	Title / Product	CertAlarm doa*	CertAlarm doe**	Comments/ Cross reference
CLC/TS 50131-2-9:2016	Alarm systems - Intrusion and hold-up systems - Part 2-9: Intrusion detectors - Active infrared beam detectors	02.09.2016	-	-
CLC/TS 50131-2-10:2014	Intrusion and hold-up systems - Part 2-10: Intrusion detectors - Lock state contacts (magnetic)	2014-01-10	-	-
CLC/TS 50131-2-11:2017	Alarm systems - Intrusion and hold-up systems - Part 2-11: Intrusion detectors - ALDDR	2017-01-27	-	-
EN 50131-3:2009	Intrusion and hold-up systems - Part 3: Control and indicating equipment	2009-03-20	-	EN 50136 series standards apply to alarm transmission equipment integrated with CIE
EN 50131-4:2009	Intrusion and hold-up systems - Part 4: Warning devices	2009-06-04	-	Includes Power supply requirements and tests
CLC/FprTS 50131-5-1	Alarm systems - Intrusion systems - Part 5-1: Interconnections - Requirements for wired Interconnection for I&HAS equipments located in supervised premises	2015-07-17	-	-
EN 50131-5-3:2017	Intrusion systems - Part 5-3: Requirements for interconnections equipment using radio frequency techniques	2017-03-17	-	EN 50131-5-3 should be applied with the device standard itself where radio link is applicable.
EN 50131-6:2000	Intrusion and hold-up systems - Part 6: Power supplies	2009-03-20	-	DOE = DOA (new standard) + 4 years
EN 50131-6:2017	Intrusion and hold-up systems - Part 6: Power supplies	2017-10-27	-	Applicable to all PS integrated into other products except where excluded by product standard
CLC/TS 50131-7:2010	Intrusion and hold-up systems - Part 7: Applications guidelines	2010-11-06	-	IEC/TC79/ IEC TS 62642-7
EN 50131-8:2009	Security fog devices and systems	2009-01-23	-	Note modification of battery standby requirements by EN 50131-8 IEC/TC79/ IEC 62642-8
CLC/TS 50131-9:2014	Intrusion and hold-up systems - Part 9: Alarm verification - Methods and principles	2014-06-13	-	-
EN 50131-10: 2014	Application specific requirements for Supervised Premises Transceiver (SPT)	2014-01-31	-	IEC/TC79/ IEC 60839-5-2
CLC/TS 50131-11:2012/ IS1:2014	Intrusion and hold-up systems - Part 11: Hold-up devices	2014-02-28	-	-
CLC/TS 50131-12:2016	Intrusion and hold-up systems - Part 12: Methods and requirements for setting and unsetting of Intruder Alarm Systems (IAS)	04.11.2016	-	Complement to setting/unsetting requirements of EN50131-1

*doa: Date of applicability of the standard for the issuance of CertAlarm certificates. (CLC dav)

**doe: Date of expiry of CertAlarm certificates issued according to previous versions of this standard.

ANNEX A5
IEC/TC79: Alarm and electronic security systems

Changes noted as of March 2018

Standard	Title / Product	CertAlarm doa*	CertAlarm doe**	Cross reference
	IEC /TC79 / Alarm Transmission Systems			
IEC 60839-5-1:2014	Alarm and electronic security systems - Part 5-1: Alarm transmission systems - General requirements	2014-07-28	-	CLC/TC79/ EN 50136-1:2012
IEC 60839-5-2:2016	Alarm and electronic security systems - Part 5-2: Alarm transmission systems - Requirements for supervised premises transceiver (SPT)	2016-02-03	-	CLC/TC79/ EN 50136-2:2013
IEC 60839-5-3:2016	Alarm and electronic security systems - Part 5-3: Alarm transmission systems - Requirements for receiving centre transceiver (RCT)	2016-02-03	-	CLC/TC79/ EN 50136-3:2013
	IEC /TC79 / Electronic Acces Control Systems			
IEC 60839-11-1:2013	Alarm and electronic security systems - Part 11-1: Electronic access control systems - System and components requirements	2013-05-07	-	CLC/TC79/ EN 60839-11-1
IEC 60839-11-2:2014	Alarm and electronic security systems - Part 11-2: Electronic access control systems - Application guidelines	2014-07-24	-	CLC/TC79/ EN 60839-11-2
IEC 60839-11-31:2017	Alarm and electronic security systems - Part 11-31: Electronic access control systems - IP interoperability implementation based on Web services - Core specification	2017-03-17	-	CLC/TC79/ EN 60839-11-31 :2017
IEC 60839-11-32:2017	Alarm and electronic security systems - Part 11-32: Electronic access control systems - IP interoperability implementation based on Web services - Access control specification	2017-03-17	-	CLC/TC79/ EN 60839-11-32: 2017
	IEC /TC79 / Enviromental test methods			
IEC 62599-1:2010	Alarm systems - Part 1: Environmental test methods	2010-05-19	-	CLC/TC79/ EN50130-5
IEC 62599-2:2010	Alarm systems - Part 2: Electromagnetic compatibility - Immunity requirements for components of fire and security alarm systems	2010-05-19	-	CLC/TC79/ EN50130-4
	IEC /TC79 / Intrusion & Hold-up systems			
IEC 62642-1:2010	Alarm systems - Intrusion and hold-up systems - Part 1: System requirements	2010-06-16	-	CLC/TC79/ EN50131-1
IEC 62642-2-2:2010	Alarm systems - Intrusion and hold-up systems - Part 2-2: Intrusion detectors - Passive infrared detectors	2010-10-07	-	CLC/TC79/ EN50131-2-2
IEC 62642-2-3:2010	Alarm systems - Intrusion and hold-up systems - Part 2-3: Intrusion detectors - Microwave detectors	2010-12-14	-	CLC/TC79/ EN50131-2-3

Standard	Title / Product	CertAlarm doa*	CertAlarm doe**	Cross reference
IEC 62642-2-4:2010	Alarm systems - Intrusion and hold-up systems - Part 2-4: Intrusion detectors - Combined passive infrared / Microwave detectors	2010-12-14	-	CLC/TC79/ EN50131-2-4
IEC 62642-2-5:2010	Alarm systems - Intrusion and hold-up systems - Part 2-5: Intrusion detectors - Combined passive infrared / Ultrasonic detectors	2010-12-14	-	CLC/TC79/ EN50131-2-5
IEC 62642-2-6:2010	Alarm systems - Intrusion and hold-up systems - Part 2-6: Intrusion detectors - Opening contacts (magnetic)	2010-12-14	-	CLC/TC79/ EN50131-2-6
IEC 62642-2-71:2015	Alarm systems - Intrusion and hold-up systems - Part 2-71: Intrusion detectors - Glass break detectors (acoustic)	2015-10-07	-	CLC/TC79/ EN50131-2-7-1
IEC 62642-2-72:2015	Alarm systems - Intrusion and hold-up systems - Part 2-72: Intrusion detectors - Glass break detectors (passive)	2015-10-07	-	CLC/TC79/ EN50131-2-7-2
IEC 62642-2-73:2015	Alarm systems - Intrusion and hold-up systems - Part 2-73: Intrusion detectors - Glass break detectors (active)	2015-10-07	-	CLC/TC79/ EN50131-2-7-3
IEC 62642-3:2010	Alarm systems - Intrusion and hold-up systems - Part 3: Control and indicating equipment	2010-10-05	-	CLC/TC79/ EN50131-3
IEC 62642-4:2010	Alarm systems - Intrusion and hold-up systems - Part 4: Warning devices	2010-10-07	-	CLC/TC79/ EN50131-4
IEC 62642-5-3:2010	Alarm systems - Intrusion and hold-up systems - Part 5-3: Interconnections - Requirements for equipment using radio frequency techniques	2010-10-07	-	CLC/TC79/ EN50131-5-3
IEC 62642-6:2011	Alarm systems - Intrusion and hold-up systems - Part 6: Power supplies	2011-02-10	-	CLC/TC79/ EN50131-6
IEC TS 62642-7:2011	Alarm systems - Intrusion and hold-up systems - Part 7: Application guidelines	2011-02-10	-	CLC/TC79/ TS50131-7
IEC 62642-8:2011	Alarm systems - Intrusion and hold-up systems - Part 8: Security fog device/systems	2011-02-10	-	CLC/TC79/ EN50131-8
	IEC /TC79 / Video Surveillance			
IEC 62676-1-1:2013	Video surveillance systems for use in security applications - Part 1-1: System requirements - General	2013-10-29	-	CLC/TC79/ EN 62676-1-1
IEC 62676-1-2:2013	Video surveillance systems for use in security applications - Part 1-2: System requirements - Performance requirements for video transmission	2013-10-29	-	CLC/TC79/ EN 62676-1-2
IEC 62676-2-1:2013	Video surveillance systems for use in security applications - Part 2-1: Video transmission protocols - General requirements	2013-11-07	-	CLC/TC79/ EN 62676-2-1
IEC 62676-2-2:2013	Video surveillance systems for use in security applications - Part 2-2: Video transmission protocols - IP interoperability implementation based on HTTP and REST services	2013-11-07	-	CLC/TC79/ EN 62676-2-2

Standard	Title / Product	CertAlarm doa*	CertAlarm doe**	Cross reference
IEC 62676-2-3:2013	Video surveillance systems for use in security applications - Part 2-3: Video transmission protocols - IP interoperability implementation based on Web services	2013-11-07	-	CLC/TC79/ EN 62676-2-3
IEC 62676-3:2013	Video surveillance systems for use in security applications - Part 3: Analog and digital video interfaces	2013-07-22	-	CLC/TC79/ EN 62676-3
IEC 62676-4:2014	Video surveillance systems for use in security applications - Part 4: Application guidelines	2014-04-29	-	CLC/TC79/ EN 62676-4
	IEC /TC79 / Social Alarms			
IEC 62851-1:2014	Alarm and electronic security systems - Social alarm systems - Part 1: System requirements	2014-04-10	-	CLC/TC79/ EN 50134-1
IEC 62851-2:2014	Alarm and electronic security systems - Social alarm systems - Part 2: Trigger devices	2014-04-10	-	CLC/TC79/ EN 50134-2
IEC 62851-3:2014	Alarm and electronic security systems - Social alarm systems - Part 3: Local unit and controller	2014-04-10	-	CLC/TC79/ EN 50134-3
IEC 62851-5:2014	Alarm and electronic security systems - Social alarm systems - Part 5: Interconnections and communications	2014-04-10	-	CLC/TC79/ EN 50134-5

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**doe: Date of expiry of CertAlarm certificates issued according to previous versions of this standard.

ANNEX A6
CLC/TC79: Alarm Systems / Social Alarm Systems

Changes noted as of March 2018

Standard	Title / Product	CertAlarm doa*	CertAlarm doe**	Cross reference
EN 50134-1:2002	Alarm systems - Social alarm systems - Part 1: System requirements	2002-06-14	-	IEC 62851-1:2014
EN 50134-2:1999	Alarm systems - Social alarm systems - Part 2: Trigger devices	1999/05/28	-	IEC 62851-2:2014 DOE = DOA (new standard) + 4 years
EN 50134-2:2017	Alarm systems - Social alarm systems - Part 2: Trigger devices	2017-11-10	-	
EN 50134-3:2012/AC:2015	Alarm systems - Social alarm systems - Part 3: Local unit and controller	2015/07/03	-	IEC 62851-3:2014
EN 50134-5:2004	Alarm systems - Social alarm systems - Part 5: Interconnections and communications	2004/11/19	-	IEC 62851-5:2014
EN 50134-7	Alarm systems - Social alarm systems - Part 7: Application guidelines	2017/02/24	-	-

*doa: Date of applicability of the standard for the issuance of CertAlarm certificates.
**doe: Date of expiry of CertAlarm certificates issued according to previous versions of this standard.

ANNEX A7
CLC/TC79: Alarm and electronic security systems / Standards for Electronic Access Control Systems

Changes noted as of March 2018

Standard	Title / Product	CertAlarm doa*	CertAlarm doe**	Cross reference
EN 60839-11-1:2013/AC:2015	Alarm and electronic security systems - Part 11-1: Electronic access control systems - System and components requirements	2015-02-27	-	IEC 60839-11-1:2013
EN 60839-11-2:2015/AC:2015	Alarm and electronic security systems - Part 11-2: Electronic access control systems - Application guidelines	2015-03-06	-	IEC 60839-11-2:2014
EN 60839-11-31:2017	Alarm and electronic security systems - Part 11-31: Electronic access control systems - IP interoperability implementation based on Web services - Core specification	2017-03-17	-	IEC 60839-11-31:2017
EN 60839-11-32:2017	Alarm and electronic security systems - Part 11-32: Electronic access control systems - IP interoperability implementation based on Web services - Access control specification	2017-03-17	-	IEC 60839-11-32:2017

*doa: Date of applicability of the standard for the issuance of CertAlarm certificates.

**doe: Date of expiry of CertAlarm certificates issued according to previous versions of this standard.

ANNEX A8
CLC/ TC79: Standards for Video Surveillance Systems for use in Security Applications

Changes noted as of March 2018

Standard	Title / Product	CertAlarm doa*	CertAlarm doe**	Cross reference
EN 62676-1-1:2014/AC:2014	Video surveillance systems for use in security applications - Part 1-1: System requirements - General	2014-07-04	-	IEC 62676-1-1:2013
EN 62676-1-2:2014/AC:2015	Video surveillance systems for use in security applications - Part 1-2: System requirements – Performance requirements for video transmission	2015-04-24	-	IEC 62676-1-2:2013
EN 62676-2-1:2014	Video surveillance systems for use in security applications - Part 2-1: Video transmission protocols - General requirements	2014-01-17	-	IEC 62676-2-1:2013
EN 62676-2-2:2014	Video surveillance systems for use in security applications - Part 2-2: Video transmission protocols - IP interoperability implementation based on HTTP and REST services	2014-01-17	-	IEC 62676-2-2:2013
EN 62676-2-3:2014	Video surveillance systems for use in security applications - Part 2-3: Video transmission protocols - IP interoperability implementation based on Web services	2014-01-17	-	IEC 62676-2-3:2013
EN 62676-3:2015	Video surveillance systems for use in security applications - Part 3: Analog and digital video interfaces	2015-01-23	-	IEC 62676-3:2013
EN 62676-4:2015	Video surveillance systems for use in security applications - Part 4: Application guidelines	2015-04-17	-	IEC 62676-4:2014

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**doe: Date of expiry of CertAlarm certificates issued according to previous versions of this standard.

ANNEX A9
CLC/ TC79: Security Intruder & Hold up Alarm System – Alarm Transmission Systems / Products covered by EN or TS

Changes noted as of March 2018

Standard	Product / Communications Method	CertAlarm doa*	CertAlarm doe**	Cross reference
EN 50136-1:2012	General requirements for alarm transmission systems	2012-01-20	-	IEC 60839-5-1:2014
EN 50136-2:2013	Requirements for Supervised Premises Transceiver (SPT)	2013-08-30	-	IEC 60839-5-2:2016
EN 50136-3:2013	Requirements for Receiving Centre Transceiver (RCT)	2013-08-30	-	IEC 60839-5-3:2016
CLC/TS 50136-4:2014	Alarm systems - Alarm transmission systems and equipment - Part 4: Annunciation equipment used in alarm receiving centres	2003-05-30	-	-
CLC/TS 50136-7:2004				
CLC/TS 50136-7:2017	Alarm systems - Alarm transmission systems and equipment - Part 7: Application guidelines	2017-09-22	-	-
CLC/TS 50136-9:2013				
CLC/TS 50136-9:2017	Alarm systems - Alarm transmission systems and equipment - Part 9: Requirements for common protocol for alarm transmission using the Internet protocol	2017-08-04	-	-
EN 54-21:2006	Fire alarm transmission systems and fault warning routing equipment	2006-05-31	-	-

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**doe: Date of expiry of CertAlarm certificates issued according to previous versions of this standard.

ANNEX A10
CLC/TC79: Alarm and Electronic System Systems / Monitoring and Alarm Receiving Centre

Changes noted as of March 2018

Standard	Title / Product	CertAlarm doa*	CertAlarm doe**	Comments
EN 50518-1:2013	Monitoring and alarm receiving centre - Part 1: Location and construction requirements	2013-08-30	-	-
EN 50518-2:2013	Monitoring and alarm receiving centre - Part 2: Technical requirements	2013-08-30	-	-
EN 50518-3:2013	Monitoring and alarm receiving centre - Part 3: Procedures and requirements for operation	2013-08-30	-	-

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**doe: Date of expiry of CertAlarm certificates issued according to previous versions of this standard.