

**Appendix is an integral part of
Certificate of Accreditation No. 621/2019 of 28/11/2019**

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

**TESTALARM PRAHA spol. s r.o.
Testing Laboratory
Božanovská 2098, 193 00 Praha 9 - Horní Počernice**

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1	Test of CIE in I&HAS	ČSN EN 50131-1 ed. 2 ČSN EN 50131-3 ČSN CLC/TS 50131-12 ČSN CLC/TS 50131-9	I&HAS – CIE
2 *	Test of passive infrared (PIR), microwave and combined detectors	ČSN EN 50131-2-2 ed.2, chap. 6 ČSN EN 50131-2-2, chap. 6 ČSN EN 50131-2-3, chap. 6 ČSN EN 50131-2-4, chap. 6 ČSN EN 50131-2-5, chap. 6 ČSN EN 50131-1 ed. 2	I&HAS – detectors
3	Test of opening detectors and opening state detectors	ČSN EN 50131-2-6, chap. 6 ČSN EN 50131-1 ed. 2 ČSN EN 50131-2-10	I&HAS – detectors
4	Test of glass break detectors	ČSN EN 50131-1 ed. 2 ČSN EN 50131-2-7-1 ČSN EN 50131-2-7-2 ČSN EN 50131-2-7-3	I&HAS – detectors
5 *	Test of shock detectors (vibration)	ČSN CLC/TS 50131-2-8:2013, chap. 6 ČSN EN 50131-2-8, chap. 6	I&HAS – detectors
6 *	Test of directional detectors (AIBD, MW)	ČSN CLC/TS 50131-2-9 ČSN EN 50131-1, Amendment Z1:2000, part NJ	I&HAS – detectors
7 *	Test of warning and optical signalling devices	ČSN EN 50131-1 ed. 2 ČSN EN 50131-4, chap. 6 ČSN EN 50131-4 ed. 2, chap. 6	I&HAS – WD
8	Test of wireless alarm transmission systems, alarm transmission systems and alarm receiving centres	ČSN EN 50131-5-3 ed.2 ČSN EN 50131-5-3 ČSN EN 50136-1 ČSN EN 50136-2 ČSN EN 50136-3 ČSN EN 50131-10, chap. 10 ČSN CLC/TS 50131-12 ANSI/SIA DC-09-2007 Annex C ČSN EN 50131-1 Amendment Z1:2000, part NR, NP	I&HAS – ARC, ATS
9	Test of access control systems and door locks	ČSN EN 60839-11-1 chap. 8	I&HAS – EACS
10	Test of video systems integrated in I&HAS	ČSN EN 50132-7 ed. 2 :2013 ČSN EN 62676-4 ČSN EN 50132-2-1 :1999 ČSN EN 50132-4-1 :2002	I&HAS – CCTV

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11	Test of social alarm systems and installation preparations (wiring boxes, covers etc.)	ČSN EN 50134-2 ed. 2 ČSN EN 50134-2 ČSN CLC/TS 50131-11 ČSN EN 50134-1 ČSN EN 50134-3 ed. 2 ČSN EN 50134-5 ČSN EN 50131-1 Amendment Z1:2000, part NK	I&HAS – alarms, wiring
12	Test of high security locks	ČSN EN 1300 ČSN EN 14846 ČSN EN 15684 article 5.4.2, 5.7.3, 5.7.4, 5.7.5, 5.10.8, 5.10.9. ČSN EN 16864 article 5.4.2, 5.7.3, 5.7.4, 5.7.5, 5.11.13, 5.11.14	ZVB
13*	Test of intrusion detectors - ALDDR	ČSN CLC/TS 50131-2-11	I&HAS - detectors
14	Test of power supplies	ČSN EN 50131-6 ed.3 ČSN EN 50131-6 ed.2	I&HAS - PS
15*	Test of building intercom systems	ČSN EN 62820-1-1	I&HAS - building intercom systems
16	Test of tamper protection	ČSN EN 50131-1 ed. 2, chap. 8, čl. 8.7	I&HAS – all parts
17	Functional test of metal detector	NIJ STANDARD-0602.01 chap. 3, 4 and 5 NIJ STANDARD-0601.02 chap. 3, 4 and 5	Metal detectors
18	Dry heat test (operational, endurance)	ČSN EN 50130-5 ed. 2, chap. 8 and 9 ČSN EN 60068-2-2	I&HAS – all parts
19	Cold test (operational)	ČSN EN 50130-5 ed. 2, chap. 10 ČSN EN 60068-2-1 ed. 2	I&HAS – all parts
20	Change of temperature test (operational)	ČSN EN 50130-5 ed. 2, chap. 11 ČSN EN 60068-2-14 ed. 2	I&HAS – all parts
21	Damp heat, steady state (operational) test	ČSN EN 50130-5 ed. 2, chap. 12 ČSN EN 60068-2-78 ed. 2	I&HAS – all parts
22	Damp heat, steady state (endurance) test	ČSN EN 50130-5 ed. 2, chap. 13 ČSN EN 60068-2-78 ed. 2	I&HAS – all parts
23	Damp heat, cyclic (operational) test	ČSN EN 50130-5 ed. 2, chap. 14 ČSN EN 60068-2-30 ed. 2	I&HAS – all parts
24	Damp heat, cyclic (endurance) test	ČSN EN 50130-5 ed. 2, chap. 15 ČSN EN 60068-2-30 ed. 2	I&HAS – all parts
25	Free fall (operational) test	ČSN EN 50130-5 ed. 2, chap. 21 ČSN EN 60068-2-31	I&HAS – all parts
26	Impact (operational) test	ČSN EN 50130-5 ed. 2, chap. 20 ČSN EN 60068-2-75 ed. 2	I&HAS – all parts

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27	Voltage dips, short interruptions and voltage variations immunity test	ČSN EN 50130-4 ed. 2, chap. 8 ČSN EN 61000-4-11 ed. 2	I&HAS – all parts
28	Electrostatic discharge immunity test	ČSN EN 50130-4 ed. 2, chap. 9 ČSN EN 61000-4-2 ed. 2	
29	Electrical fast transient /burst immunity test	ČSN EN 50130-4 ed. 2, chap. 12 ČSN EN 61000-4-4 ed. 3	I&HAS – all parts
30	Functional test at network voltage variations	ČSN EN 50130-4 ed. 2, chap. 7	I&HAS – all parts
31	Surge immunity test	ČSN EN 50130-4 ed. 2, chap. 13 ČSN EN 61000-4-5 ed.3	I&HAS – all parts
32	Measurement of disturbing voltage on power supply and telecommunication inputs/outputs	ČSN EN 55032 ed. 2, chap. 6 ČSN EN 61000-6-3 ed. 2	I&HAS – all parts
33*	Interference field measurement	ČSN EN 55032 ed. 2, chap. 6 ČSN EN 61000-6-3 ed. 2	I&HAS – all parts
34	Test of conducted disturbances induced by high-frequency electromagnetic fields	ČSN EN 50130-4 ed.2, chap. 11 ČSN EN 61000-4-6 ed.4	I&HAS – all parts
35*	Test of external perimeter security systems	ČSN CLC/TS 50661-1	I&HAS – external perimeter security systems
36 - 42	Reserved		
43	Check of product marking and accompanying documents	ČSN EN 50131-1 ed. 2 chap. 14 a 15	I&HAS – all parts

¹ asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes)

Explanations and Abbreviations:

ARC	– Alarm Receiving Centre
ATS	– Alarm Transmission System
CCTV	– Closed Circuit Television
CIE	– Control and Indicating Equipment (I&HAS)
CLC/TS	– Technical Specification issued by the European Committee for Electrotechnical Standardization
I&HAS	– Intrusion and Hold-up Alarm Systems
PS	– Power Supply
WD	– Warning Device
ZVB	– High Security Lock (HSL)
NIJ	– National Institute of Justice

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EACS – Electronic access control systems

ANSI/SIA DC – US Security Industry Association (SIA) Code for Communications over Data Networks -
Events transmitted via the Internet Protocol

AIBD – Active infrared beam detector

ALDDR – Active Laser Detector Responsive to Diffuse Reflection