

Element Materials Technology as RTL (Recognised Test Laboratory)



Last update: May 2014

Market	Components, Systems or Aspect	Standards	Lab Status
			<b>OPERATIONAL</b>
<b>"FIRE"</b> <b>FIRE &amp; LIFE SAFETY ALARM</b> <b>SYSTEMS PRODUCTS</b>	1	Control and indicating equipment	EN54-2:1997 + AC:1999 + A1:2006
	2	Power supply equipment	EN54-3:2001 + A1:2002 + A2:2006
	3	Fire alarm devices - Sounders	EN54-4:1997 + AC:1999 + A1:2002 + A2:2006
	4	Heat detectors – point detectors	EN54-5:2000 + A1:2002
	5	Smoke detectors – point detectors using scattered light, transmitted light or ionization	EN54-7:2000 + A1:2002 + A2:2006
	6	Flame detectors - point detectors	EN54-10:2002 + A1:2005
	7	Manual call points	EN54-11:2001 + A1:2005
	8	Smoke detectors – line detectors using an optical beam	EN 54-12:2002
	9	Multi-sensor detectors, which respond to smoke and heat	CEA Document 4021
	10	Voice alarm control and indicating equipment	EN54-16:2008
	11	Short-circuit isolators	EN54-17:2005 + AC:2007
	12	Input/Output devices	EN54-18:2005 + AC:2007
	13	Aspirating smoke detectors	EN54-20:2006 + AC:2008
	14	Visual alarm devices	EN54-23:2010
	15	Components of voice alarm systems - loudspeakers	EN54-24:2008
	16	Components using radio links	EN54-25:2008 + AC:2012
	17	Duct smoke detectors	PrEN54-27:2008
	18	Smoke alarm devices	EN 14604
	19	Components for gas extinguishing systems – electrical automatic control and delay device	EN 12094-1
	20	Components for gas extinguishing systems – manual triggering and stop devices	EN 12094-3
	21	Evacuation control panel CMSI	NF S 61-934
	22	"Fireman's panel"	NEN 2535
	23	CO Detectors	EN 50291:2012
	24	Fire detection and fire alarm systems (compatibility assessment of system components)	EN 54-13
<b>"SECURITY"</b> <b>SECURITY INTRUDER &amp;</b> <b>HOLD UP ALARM SYSTEM</b> <b>PRODUCTS</b>	1	Passive infrared detectors	EN50131-2-2:2008
	2	Microwave detectors	EN50131-2-3:2008
	3	Combined passive infrared and microwave detectors	EN50131-2-4:2008
	4	Combined passive infrared and ultrasonic detectors	EN50131-2-5:2008
	5	Opening contacts (magnetic)	EN50131-2-6:2008
	6	Glass break detectors	FPrEN50131-2-7-2:2012
	7	Glass break detectors	TSS0131-2-7-2:2009
	8	Shock detector	TSS0131-2-8:2012
	9	Control and indicating equipment	EN 50131-3:2008
	10	Warning devices	EN 50131-4:2009
	11	Interconnections equipment using radio frequency techniques	EN50131-5-3:2005 + A1:2008
	12	Power supply equipment	EN50131-6:2008 or EN50131-6:2008 + PrAA:2011
	13	Security fog devices and systems	EN50131-8:2009
<b>SOCIAL ALARM</b> <b>SYSTEMS</b>	1	Social Alarms system requirements / Social alarms trigger devices	EN 50134-2:2000
	2	Social alarms local unit and controller / Interconnection and communication	EN 50134-5:2004
	3	Social alarms local unit and controller	EN 50134-3:2001
<b>TRANSMISSION</b> <b>EQUIPMENT/</b> <b>SYSTEMS</b>	1	Dedicated alarm paths	EN 50136-1-1 <sup>*</sup> EN50136-1-2:1998 EN 50136-2-1 <sup>*</sup> EN50136-2-2:1998
	2	Digital communicators using PSTN	EN 50136-1-1 <sup>*</sup> EN50136-1-3:1998 EN 50136-2-1 <sup>*</sup> EN50136-2-3:1998
	3	Voice communicators using PSTN	EN 50136-1-1 <sup>*</sup> EN50136-1-4:1998 EN 50136-2-1 <sup>*</sup> EN50136-2-4:1998
	4	Packet switched network PSN	EN 50136-1-1 <sup>*</sup> EN50136-1-5:2008 EN 50136-2-1 <sup>*</sup>
	5	Fire alarm transmission systems and fault warning routing equipment	EN54-21:2006
	6	Application specific requirements for Supervised Premises Transceiver (SPT)	EN 50136-1:2012 <sup>*</sup> FPrEN50131-10:2012 EN 50136-2-1 <sup>*</sup>
	7	Annunciation equipment	EN 50136-1:2012 <sup>*</sup> FPrEN50136-4:2012 EN 50136-2-1 <sup>*</sup>

\* Any deviations and/or restrictions to the standard must be mentioned on the certificate