



قائمة المختبرات وجهات إصدار شهادات السلامة العالمية المعتمدة

**THE LIST OF APPROVED INTERNATIONAL
TESTING LABS AND CERTIFICATION BODIES**

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TESTING	CERTIFICATION	TESTING & CERTIFICATION



NAME	SCOPE	COUNTRY	ADDRESS
AFITI	Testing	Spain	<p>Head Office & Laboratories Camino del Estrechillo, 8 E-28500 Arganda del Rey Madrid Tel: +34 902 112 942 Fax: +34 901 706 587 Email: afiti@afiti.com web: www.afiti.com</p>

LOGO/ CERTIFICATION MARK



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<ul style="list-style-type: none"> • BUILDING MATERIALS (EXCEPETING COATING , FINISHES AND LAMINATED PRODUCTS) • BUILDING PRODUCTS • FLOORINGS • UPHOLSTERED FURNITURE • EXTERNAL FIRE EXPOSURE TO ROOFS • PLASTIC MATERIALS • BUILDING ELEMENTS • FIREDOORS AND OTHER SHUTTER ELEMENTS • NON- STRUCTURAL ELEMENTS • STRUCTURAL ELEMENTS • FIRE SAFETY STORAGE 	<ul style="list-style-type: none"> • PORTABLE FIRE EXTINGUISHERS • MOBILE FIRE EXTINGUISHERS • HAND- HELD BRANCHPIPES FOR FORE SERVICE USE : • COMBINATION BRANCHPIPES PN16, SMOOTH BORE JET AND ORONE FIXED SPRAY JET ANGLE BRANCHPIPES PN 16 , HIGH PRESSURE BRANCHPIPES PN 40 • NOZZLES FOR CO2 SYSTEMS • CONNECTORS FOR GAS 	<ul style="list-style-type: none"> • SERVICE INSTALLATIONS <ul style="list-style-type: none"> ○ DUCT ○ FIRE DAMPERS ○ PENETRATION SEALS ○ LINEAR JOINT SEALS ○ TECHNICAL FLOORS ○ SMOKE EXTRACTION DUCTS ○ SINGLE COMPARTMENT SMOKE EXTRACTION DUCTS ○ POWERED SMOKE AND HEAT EXHAUST VENTILATORS ○ NATURAL SMOKE AND HEAT EXHAUST
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<p>CABINETS</p> <ul style="list-style-type: none"> • PILLAR FIRE HYDRANTS • UNDERGROUND FIRE HYDRANTS • LAYFLAT HOSES FOR FIXED SYSTEMS • SEMI – RIGID HOSES FOR FIXED SYSTEMS • HOSE REELS WITH SEMI – RIGID HOSES • HOSE REELS WITH LAY – FLAT HOSES • HOSE REELS WITH SEMI – RIGID HOSES AND WITH LAY – FLAT HOSES 	<p>EXTINGUISHING SYSTEMS</p> <ul style="list-style-type: none"> • PRESSURE GAUGES AND PRESSURE SWITCHES FOR GAS EXTINGUISHING SYSTEMS • CHECKING VALVES AND NON-RETURN VALVES FOR GAS EXTINGUISHING • VALVES FOR WATER SUPPLY • VALVES FOR WATER SUPPLY (ISOLATING VALVES) • PRESSURE GAUGES AND PRESSURE SWITCHES FOR GAS EXTINGUISHING SYSTEMS • CHECK VALVES AND NON – RETURN VALVES FOR GAS EXTINGUISHING SYSTEMS 	<p>VENTILATORS</p> <ul style="list-style-type: none"> ○ RECTANGULAR SECTION AIR DUCTS ○ CIRCULAR SECTION AIR DUCTS
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NAME	SCOPE	COUNTRY	ADDRESS
APPLUS	Testing Certification	Spain	<p>Applus Headquarter Barcelona Campus UAB Carretera acceso a la Facultad de Medicina, s/n 08193, Bellaterra, Barcelona (Spain)</p> <p>Tel.: +34 900 103 067 Fax.: +34 93 567 20 01</p> <p>Email: info@appluscorp.com</p> <p>Web: www.applus.com</p>

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

PRODUCTS ACCEPTABLE TO CIVIL DEFENCE		
<p><u>TESTING AND CERTIFICATION</u></p> <ul style="list-style-type: none"> SAFETY CABINETS FOR FLAMMABLE LIQUIDS DUCTS FIRE DAMPERS PENETRATION SEALS LINEAR JOINT SEALS SMOKE EXTRACTION DUCTS SINGLE COMPARTMENT SMOKE EXTRACTION DUCTS SMOKE DAMPERS FIRE PROTECTION SYSTEMS FOR CABLE SMOKE BARRIERS 	<ul style="list-style-type: none"> FIRE RESISTANCE ALTERNATIVE AND ADDITIONAL PROCEDURES NON-LOAD BEARING WALLS FALSE CEILINGS CURTAIN WALLING LOAD BEARING WALLS FLOORS AND ROOFS BEAMS PILLARS BALCONIES AND WALKWAYS STAIRS DOORS AND GAP CLOSING ELEMENTS AND OPENABLE WINDOW. DOORS AND SHUTTERS LIFT DOORS 	<ul style="list-style-type: none"> SERVICE DUCTS SHAFTS RAISED ACCESS AND HOLLOW CORE FLOORS CONVEYOR SYSTEMS AND THEIR CLOSURES HORIZONTAL PROTECTIVE MEMBRANES VERTICAL PROTECTIVE MEMBRANES FIRE PROTECTIVE CURTAINS VAULT AND FILE ROOM DOORS BUILDING CONSTRUCTION AND MATERIALS FIRE DAMPERS THROUGH – PENETRATION FIRESTOP SYSTEM



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE		
<ul style="list-style-type: none"> NATURAL SMOKE & HEAT EXHAUST VENTILATORS FANS HVAC DUCTS PROTECTION OF CONCRETE MEMBERS PROTECTION OF STEEL STRUCTURES CONCRETE / PROFILED SHEET COMPOSITE PROTECTION OF WOOD STRUCTURES PROTECTION OF STEEL STRUCTURE SECURE STORAGE UNITS BUILDING CONSTRUCTION MATERIALS PENETRATION HOSE STREAM CONSTRUCTION PRODUCTS AND BUILDING ELEMENTS WINDOW ASSEMBLIES DOOR ASSEMBLIES EQUIPMENT VISUAL ALARM DEVICES SMOKE ALARM BY VOICE NON-ELECTRICAL DISABLE DEVICES NOZZLES FOR CO2 SYSTEMS SMOKE ALARM DEVICES TEXTILES AND TEXTILE PRODUCTS 	<ul style="list-style-type: none"> COVERINGS CONSTRUCTION PRODUCTS AND BUILDING ELEMENTS EXCLUDING VENTILATION SERVICES FIRE CLASSIFICATION OF FIRE RESISTING DUCTS AND FIRE DAMPERS FIRE CLASS OF SMOKE CONTROL SYSTEMS FIRE CLASSIFICATION : EXTERNAL FIRE EXPOSURE TO ROOFS TESTS DOORSETS AND OPENABLE WINDOWS WITH FIRE RESISTING AND / OR SMOKE CONTROL CHARACTERISTICS – REQUIREMENTS AND CLASSIFICATION COMPONENTS USING RADIO LINKS ELECTRICAL AUTOMATIC CONTROL AND DELAY DEVICES NON- ELECTRICAL AUTOMATIC CONTROL AND DELAY DEVICES ELECTRICAL TRIGGERING DEVICES CONTAINER VALVE ASSEMBLIES AND THEIR ACTUATORS HIGH AND LOW PRESSURE SELECTOR VALVES AND THEIR ACTUATORS EQUIPMENT SOUNDERS FOR FIRE DETECTIONS AND FIRE ALARMS POWER SUPPLY EQUIPMENT HEAT DETECTORS SMOKE DETECTORS FLAME DETECTORS. POINT DETECTORS 	<ul style="list-style-type: none"> RESISTIVE CABLES CONTROL AND INDICATING MANUAL CALL POINTS SMOKE DETECTORS. LINE DETECTORS USING AN OPTICAL LIGHT BEAM COMPATIBILITY ASSESSMENT OF SYSTEM COMPONENTS VOICE ALARM CONTROL SHORT – CIRCUIT INPUT / OUTPUT DEVICES ASPIRATING SMOKE DETECTORS ALARM TRANSMISSION AND FAULT WARNING ROUTING FURNITURE UPHOLSTERED FURNITURE CURTAIN AND WINDOW COVERINGS FLOOR COATING ROOFS Pedestrian door sets, industrial, commercial, garage doors and open able windows <u>TESTING ONLY</u> LUMINAIRE FOR EMERGENCY LIGHT Building construction and materials Door Assemblies Construction elements: Doors and gap-closing elements and openable window Construction elements with or without load, Beams, Pillars, Slabs, Sealing's, Lock gates, Ducts, Walls, Curtain walls etc.



NAME	SCOPE	COUNTRY	ADDRESS
AENOR	Certification	Spain	C / GENOVA , 6. 28004 Madrid , Spain Website www.aenor.er Email product@aenor.es Tel: 0034914326000

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AENOR

PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<ul style="list-style-type: none"> • EMERGENCY LIGHTING LUMINAIRE • ELECTRICAL CABLES WITH FIRE BEHAVIOR CHARACTERISTICS • FIRE DETECTION AND FIRE ALARM SYSTEMS <ul style="list-style-type: none"> ○ CONTROL AND INDICATING EQUIPMENT ○ POWER SUPPLY EQUIPMENT ○ HEAT DETECTORS ○ SMOKE DETECTORS ○ MANUAL CALL POINTS ○ SHORT-CIRCUIT ISOLATORS ○ INPUT/OUTPUT DEVICES 	<ul style="list-style-type: none"> • FIXED FIREFIGHTING SYSTEMS – HOSE SYSTEMS <ul style="list-style-type: none"> ○ HOSE REELS WITH SEMI-RIGID HOSE ○ HOSE SYSTEMS WITH LAY-FLAT HOSE ○ SEMI-RIGID HOSES FOR FIXED SYSTEMS ○ NON-PERCOLATING LAY FLAT HOSES FOR FIXED SYSTEMS ○ PILLAR FIRE HYDRANT ○ UNDERGROUND FIRE HYDRANT • PORTABLE FIRE EXTINGUISHERS • SMOKE AND HEAT CONTROL SYSTEMS 	<ul style="list-style-type: none"> ○ NATURAL SMOKE AND HEAT EXHAUST VENTILATORS ○ POWERED SMOKE AND HEAT EXHAUST VENTILATORS • COMPONENTS FOR GAS EXTINGUISHING SYSTEMS <ul style="list-style-type: none"> ○ NOZZLES FOR CO2 SYSTEMS ○ CONNECTORS ○ CHECK VALVES AND NON-RETURN VALVES
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NAME	SCOPE	COUNTRY	ADDRESS
ANPI	Testing Certification	BELGIUM	<p>PARC SCIENTIFIQUE FLEMING GRANBONPRE , 1 , B- 1348 LOUAIN – LA – NEUVE BELGIUM</p> <p>Tel: +3210475211</p> <p>Email: info@anpi.be</p> <p>Web: www.anpi.be www.bosec.be</p>

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

TESTING AND CERTIFICATION

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| <ul style="list-style-type: none"> • POINT HEAT DETECTORS • POINT SMOKE DETECTORS • CONTROL AND INDICATING EQUIPMENT • POWER SUPPLIES • SHORT – CIRCUIT ISOLATORS (INPUT / OUTPUT DEVICES) • MANUAL CALL POINTS • COMPATIBILITY ASSESSMENT OF SYSTEMCOMPONENTS • VOICE ALARMCONTROL AND INDICATING EQUIPMENT • LOUDSPEAKERS • COMPONENTS USING RADIO LINKS • SMOKE ALARM DEVICES | <ul style="list-style-type: none"> • ELECTRICAL AUTOMATIC CONTROL AND DELAY DEVICES FOR GAS EXTINGUISHING SYSTEMS • MANUAL TRIGGERING AND STOP DEVICES (GAS EXTINGUISHING SYSTEMS) • HOSE REELS WITH SEMI – RIGID HOSE • HOSE SYSTEMS WITH LAY FLAT HOSE |
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NAME	SCOPE	COUNTRY	ADDRESS
Warrington fire Testing and Certification Limited, trading as BM TRADA	Certification	UK	<p>BM TRADA Chiltern House, Stocking Lane, Hughenden Valley High Wycombe Buckinghamshire, HP14 4ND United Kingdom</p> <p>Tel: +44 0 1494 569750 Fax: +44 1494 565487</p> <p>Email: info@bmtrada.com</p> <p>Web: www.bmtrada.com</p>

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- BUILDING CONSTRUCTION COMPONENTS AND MATERIALS.
- FIRE DOORS AND SHUTTERS
- FIRE WALL SYSTEMS
- GLAZING
- INTUMESCENT SEALS
- PENETRATION SEALS
- LINEAR JOINT SEALS



NAME	SCOPE	COUNTRY	ADDRESS
BRE Global Limited (incorporating the Loss Prevention Certification Board - LPCB)	Testing Certification	UK	Bucknalls Lane, Watford, Hertfordshire, WD25 9XX, UK Tel: +44 1923 664619 Mob: +44 7901 006219 Web: www.redbooklive.com

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

TESTING ONLY

- BEAMS
- BUILDING ELEMENTS – GENERAL
- BUILDING MATERILS / PRODUCTS
- CABELS AMD MATERIALS
- CEILING MEMBRANES
- COLUMNS
- COVERINGS
- DOOR AND SHUTTER ASSEMBLIES
- EXTERNAL CLADDING SYSTEMS
- FIRE DETECTION
- FIRE DETECTION (EMC)
- FIRE PERFORMANCE EXTERNAL ROOF TESTS
- FLOORS AND FLAT FOORS
- FLOORS WITH RAISED ACCESS AND

TESTING AND CERTIFICATION

- ELECTRICAL CABLES
- FIRE DETECTION AND ELECTRONICS TESTING
- BLANKETS
- HOSES REEL
- FIRE FIGHTING SYSTEMS (GAS COMPONENTS)
- SPRINKLERS
- PORTABLE FIRE EXTINGUISHER
- BUTTERFLY VALVES
- CHECK VALVES

CERTIFICATION ONLY

- FIRE HOSE COUPLINGS AND ANCILLARY



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE	
<p>HOLLOW CORES</p> <ul style="list-style-type: none"> • GLAZING • PLASTICS, RUBBERS AND RELATED MATERIALS • RAILWAY ROLLING STOCK AND INFRASTRUCTURE • STORAGE UNITS • SUSPENDED CEILINGS PROTECTING STEEL BEAMS • UPHOLSTERED SEATING and BEDDING – INCLUDING COMPOSITE FILLINGS FOR FURNITURE AND PILLOWS AND CUSHIONS WITH PRIMARY COVERS AND INCLUDING FOAMCUSHIONS • VENTILATION SERVICE DUCTS • WALLS, PARTITIONS (smoke barriers) 	<p>EQUIPMENT</p> <ul style="list-style-type: none"> • FIRE FIGHTING HOSES • LANDING VALVES FOR WET RISERS. • INLET BREECHINGS FOR DRY RISER INLETS • NON-PERCOLATING LAYFLAT DELIVERY HOSES AND HOSE ASSEMBLIES FOR FIRE FIGHTING PURPOSES



NAME	SCOPE	COUNTRY	ADDRESS
BSI: British Standard Institution	Testing Certification	UK	BSI Kitemark House, Maylands Avenue, Hemel Hempstead, Hertfordshire, HP2 4SQ UK T: +971 (4) 3364917 M: +971 (50) 6458656 BSI Test Laboratory , Holywell Park , Ashby Road , Loughborough LE11 3AQ T: 004484560809000 UK Email: fiona.korte@bsigroup.com Web: www.bsigroup.ae

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<u>BSIKitemark House,Maylands Avenue,Hemel Hempstead, Hertfordshire, HP2 4SQUK</u> <u>TESTING AND CERTIFICATION</u>		<u>CERTIFICATION ONLY</u>
<ul style="list-style-type: none"> • CO ALARMS • CONTROL PANELS • POWER SUPPLIES • CALL POINTS • LINE UNITS , SHORT CIRCUIT MODULATORS 	<ul style="list-style-type: none"> • SMOKE ALARMS • SOUNDERS • PROTABLE FIRE EXTINGUISHERS • MOBILE FIRE EXTINGUISHERS • AEROSOL FIRE EXTINGUISHERS • LAYFLAT FIRE HOSES • SEMI RIDGID FIRE 	<ul style="list-style-type: none"> • LOUD SPEAKERS • WIRELESS FIRE ALARM SYSTEMS • GAS ALARMS • FIRE BLANKETS • FIRE HOSE REELS WITH LAYFLAT HOSE • FANS – POWERED SOMKE AND HEAT EXHAUST



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE		
<ul style="list-style-type: none"> • LINE UNITS, INPUT OUTPUT MODULE • VISUAL ALARMS • VOICE ALARM CONTROL EQUIPMENT • HEAT DETECTORS • SMOKE DETECTORS • FIRE HOSE COUPLINGS AND ANCILLARY EQUIPMENT • FIRE FIGHTING HOSES NON PERCOLATING LAYFLAT HOSES FOR FIXED SYSTEMS • EMERGENCY LIGHTING • HOSE REELS WITH SEMI – RIGID HOSE • HOSE SYSTEMS WITH LAY – FLAT HOSE • LAMP CONTROL GEAR GENERAL AND SAFETY REQUIREMENTS • SPECIFICATION FOR FIRE HOSE COUPLINGS AND ANCILLARY 	<p>HOSES</p> <ul style="list-style-type: none"> • FIRE HOSE REELS WITH SEMI RIDIGID HOSE • Pillar fire hydrants • Underground fire hydrants • Landing valves and breaching inlets • Central power supply systems • Automatic test systems for emergency escape lighting • Fire detection and fire alarm systems. Compatibility assessment of system components • Automatic control and delay devices for gas extinguishing systems • Heat alarms 	<p>VENTILATORS</p> <p><u>CERTIFICATION ONLY</u></p> <ul style="list-style-type: none"> • FIXED FIRE FIGHTING SYSTEMS – GAS EXTINGUISHING SYSTEMS
<p><u>BSI Test Laboratory Holywell Park Ashby Road Loughborough LE11 3AQUK</u></p> <p><u>TESTING ONLY</u></p> <ul style="list-style-type: none"> • EMERGENCY LIGHTING • LAMP CONTROL HEAR • CO ALARMS 		



NAME	SCOPE	COUNTRY	ADDRESS
BSI (gas)	Testing Certification	UK	<p>BSI Assurance UK Limited Kitemark Court, Davy Avenue, Kuowlhill, Milton Keynes, MK5 8PP, United Kingdom</p> <p>Tel: +448450809000</p> <p>Email: Product.certification@bsigroup.com</p> <p>Web: www.bsigroup.com</p>

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

TESTING AND CERTIFICATION

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| <ul style="list-style-type: none"> Manually Operated Ball Valves Strip-wound metallic flexible hoses, covers, end fittings & sockets – domestic Corrugated safety metal hose assemblies for the connection of domestic appliances using gaseous fuels Safety gas connection valves for metal hose assemblies used for the connection of domestic appliances using gaseous fuel Manually Operated taps for gas appliances Flame suppression devices for gas burning appliances. | <ul style="list-style-type: none"> Thermoelectric flame suppression devices Stainless steel pliable corrugated tubing kits in buildings for gas with an operating pressure up to 0.5 bar Diaphragm Gas Meters Copper tubes for water, gas and sanitation Automatic shut-offs for gas burners and gas appliances Pressure Regulators & associated safety for gas appliances up to 50kpa |
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NAME	SCOPE	COUNTRY	ADDRESS
BSRIA Limited	Testing	UK	BSRIA Limited Bracknell RG12 7AH United Kingdom Tel: +44 (0)1344 465600 Fax: +44 (0)1344 465626 E-Mail: Arnold.Teekaram@bsria.co.uk Website: www.bsria.co.uk

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- FANS – POWERED SMOKE AND HEAT EXHAUST VENTILATIONS



NAME	SCOPE	COUNTRY	ADDRESS
CAMBRIDGE FIRE RESEARCH	Testing	UK	Brewery Road Pampisford Cambridge CB22 3HG Tel: +44 (0)1223 834752 Fax: +44 (0)1223 837208 E-Mail: testing@cambridge-fire.co.uk Website: www.cambridge-fire.co.uk

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- WALLS AND PARTITIONS
- DOOR AND SHUTTER ASSEMBLIES
- GLAZING
- PENETRATION SEALS
- LINEAR JOINT SEALS
- BUILDING PRODUCTS



NAME	SCOPE	COUNTRY	ADDRESS
CONFORMITY CERTIFICATION SERVICES	Certification	UAE	Deira , Dubai , P.O.Box 184968 Tel.: +97142399644 Fax.: +97142399655 Email: info@ccs-certification.com Web: www.ccs-certification.com

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- FIRE RATED DOORS
 - METAL & WOODEN DOORS(METAL OR WOODEN FRAME)
 - STEEL CHUTE DOORS
 - ROLLER STEEL DOORS
 - GLAZED AND COMPOSITE DOORS
 - All types of Door/Shutter Assembly
- FIRE RATED PARTITIOND
 - PLAIN OR COMPOSITE PANEL (CONCRETE, REINFORCED, METAL, POLYETHYLENE)
 - FULLY GLAZE SCREEN WITH METAL OR WOODEN FRAMING
 - CONCRETE, SOLID & HOLLOW BLOCKS
 - PARTICLE OR PLASTER BOARD OR ASSEMBLY
- Fire Building Enclosure (Internal and External)
 - Screens, walls, windows, roof and floor;
Plain and Composite Panels;
Plain and Composite Sheets;
Concrete Blocks;
Plaster or particle Board or Assembly



NAME	SCOPE	COUNTRY	ADDRESS
CNPP ENTREPRISE	Testing Certification	France	Route de la Chapelle Reanville , France Website www.cnpp.com Email Laurent.pin@cnpp.com Tel: 0033232536329 Fax: 0033232536316

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE		
<ul style="list-style-type: none"> • <u>FIRE DETECTION AND ALARM SYSTEMS</u> <ul style="list-style-type: none"> ○ CONTROL AND INDICATING EQUIPMENT ○ SOUNDERS ○ ELECTRICAL POWER SUPPLY ○ HEAT DETECTORS ○ IONIC SMOKE DETECTORS ○ FLAME DETECTORS ○ MANUAL CALL POINTS ○ LINEAR SMOKE DETECTORS ○ 	<ul style="list-style-type: none"> ○ CONTROL AND INDICATING EQUIPMENT – VOICE ALARM SYSTEM. ○ SHORT CIRCUIT ISOLATORS. ○ INPUT / OUTPUT DEVICES ○ ASPIRATING SMOKE DETECTORS ○ VISUAL ALARM DEVICES ○ COMPONENTS USING RADIO LINKS ○ SMOKE ALARM DEVICES 	<ul style="list-style-type: none"> • <u>FIXED FIREFIGHTING</u> <ul style="list-style-type: none"> ○ ELECTRICAL AUTOMATIC CONTROL AND DELAY DEVICES ○ MANUAL TRIGGERING AND STOP DEVICES • <u>SMOKE AND HEAT CONTROL SYSTEMS</u> <ul style="list-style-type: none"> ○ POWER SUPPLIES

NAME	SCOPE	COUNTRY	ADDRESS
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CNPOB-PIB	Testing Certification	Poland	<p>Ul . Nadwislanska 213 , 05-420 Jozefow , POLAND Website www.cnbop.pl Email jcw@cnbop.pl Tel: 0048227693347 Fax: 0048227693342</p>
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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<u>TESTING AND CERTIFICATION</u>	<u>TESTING</u>	<u>CERTIFICATION</u>
<ul style="list-style-type: none"> CONTROL AND INDICATING EQUIPMENT SOUNDERS POWER SUPPLY EQUIPMENT HEAT DETECTORS – POINT DETECTORS POINT DETECTORS USING SCATTERED LIGHT, TRANSMITTED LIGHT OR IONIZATION MANUAL CALL POINTS VOICE ALARM CONTROL AND INDICATING EQUIPMENT SHORT – CIRCUIT ISOLATORS INPUT / OUTPUT DEVICES VISUAL ALARM DEVICES COMPONENTS OF VOICE ALARM SYSTEMS LOUDSPEAKERS Flame detectors, Point detectors Smoke detectors, Line detectors using an optical beam Wireless radio linked fire detection and alarm system Loud speakers Smoke alarm devices (Domestic) Luminaries 	<ul style="list-style-type: none"> Fire rated cables Construction products Floors (floor covering) 	<ul style="list-style-type: none"> Natural smoke and heat exhaust ventilators Smoke control dampers Smoke and heat control systems, power supplies



NAME	SCOPE	COUNTRY	ADDRESS
CERTIF	Certification	UAE	RUA JOSE AFONSO , 9 E , 2810 – 237 ALMADA , PORTUGAL Website www.certif.pt Email mail@certif.pt alopes@certif.pt Tel: 00351212586940

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- FIRE DETECTION AND FIRE ALARM SYSTEMS :-
 - CONTROL AND INDICATING EQUIPMENT
 - SOUNDERS
 - POWER SUPPLY
 - HEAT DETECTORS
 - POINT DETECTORS USING SCATTERED LIGHT
 - MANUAL CALL POINTS
 - LINE DETECTORS USING AN OPTICAL LIGHT BEAM
 - SHORT CIRCUIT ISOLATORS
 - INPUT \ OUTPUT DEVICES
 - VISUAL ALARM DEVICES



NAME	SCOPE	COUNTRY	ADDRESS
C.S.I.S.P.A	Testing	Italy	V.LE Lombardia, 20-20021 Bollate Italy Telephone: +3902383301 E-Mail: paolofumagalli@csi-spa.com Web: www.csi-aspa.com

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

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| <ul style="list-style-type: none"> • Fire and smoke rated doors, windows and hardware • Fire dampers • Sealants • Intumescent paints • Spray coatings • Suspended ceilings • Safety storage cabinets • Load bearing elements • Service ducts and shafts • Non – load bearing elements | <ul style="list-style-type: none"> • Raised floors • Lift doors • Curtain wall systems • Balconies and stairs • Beams • Fire extinguishers • HSHEV • Construction materials for ships and vessels • Upholstered seating • Construction materials • Construction materials – Floorings |
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NAME	SCOPE	COUNTRY	ADDRESS
DUBAI CENTRAL LABORATORY	Certification	UAE	ZAABEEL ROAD , KARAMA . DUBAI , UAE Website www.dcl.ae Email certification@dm.gov.ae Tel: 0097143027555 Fax: 0048227693342

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- THERMAL INSULATION :-
 - POLYSTRENE
 - PUR / PIR
 - MINERAL WOOL
 - CELLULAR GLASS
 - SPRAY (APPLIED POLYURETHANE / PUR)
 - MINERAL FIBER BLOCK BOARD INSULATION
 - MINERAL FIBER PIPEINSULATION
 - MINERAL FIBER BLANKET INSULATION
 - MINERAL FIBER BLANKET INSULATION FOR LIGHT FRAME CONSTRUCTION
 - Phenolic foam thermal insulation boards
 - Pipe and ducts insulation



NAME	SCOPE	COUNTRY	ADDRESS
DEKRA Certification B.V. Arnhem	Testing Certification	Netherlands	Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem The Netherlands T +31 88 96 83000 F +31 88 96 83100 Email: cs@dekra.com Web: www.dekra-certification.com

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- EMERGENCY LIGHTING (LITE)



NAME	SCOPE	COUNTRY	ADDRESS
Efectis	Testing Certification	France	<p>Efectis Espace Technologique Bâtiment Apollo Route de l'Orme des Merisiers F-91193 Saint-Aubin France</p> <p>Tel: +33 3 87513721 Fax:+33 3 87511058 Email: france@efectis.com Web: www.efectis.com</p>

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<ul style="list-style-type: none"> • DUCTS • FANS • SMOKE CONTROL SYSTEMS • DAMPERS • CABLES 	<ul style="list-style-type: none"> • FIRE DOORS • FIRE WALL SYSTEMS • CEILING • FLOORING • ROOFING • INSULATION • GLAZING 	<ul style="list-style-type: none"> • PENETRATION SEALS • LINEAR JOINT SEALS
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NAME	SCOPE	COUNTRY	ADDRESS
Efectis Era Avrasya	Testing	TURKEY	TOSB TAYSAD Organize Sanayi Bölgesi 1.Cadde 15.Yol No:1 Şekerpınar/Çayırova KOCAELİ/TÜRKİYE 41420 Tel: 00902626581662 Email: turkey@efectis.com Web: www.efectis.com

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<ul style="list-style-type: none"> • GENERIC CONSTRUCCION ELEMENTS • DOORS • WINDOWS • SHUTTERS • ACCESS PANELS • SHAFT DOORS • PARTITIONS , NON – LOADBEARING WALLS , GLAZED PARTITIONS • LOAD BEARING WALLS • NON – LOADBEARING CEILINGS , FLOORS , ROOFS • LOAD- BEARING FLOORS , ROOFS • LOAD – BEARING BEAMS • LOAD BEARING COLUMNS 	<ul style="list-style-type: none"> • LIFT – LANDING DOORS • PENETRATION SEALS (WRAP , FOAM , COLLAR , MORTARS) • LINEAR JOINT SEALS (MASTIC , SEALANT, TAPE, FOAM) • RAISED ACCESS FLOORS AND HOLLOW FLOORS • SMOKE AND HEAT EXHAUST VENTILATORS AND MOTORS • FIRE PROTECTION COATINGS (BOARD, SPRAY , PAINT) • APPLIED REACTIVE PROTECTION TO STEEL MEMBERS (BOARD, SPRAY , INTUMESCENT PAINT)
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NAME	SCOPE	COUNTRY	ADDRESS
Efectis Nederl and BV	Testing	TheNatherlands	Brandpuntlaan Zuid 16 2665 NZ Bleiswijk The Netherlands Tel: 0031883473723 Email: nederaland@efectis.com Web: www.efectis.com



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE	
<ul style="list-style-type: none"> • Building materials • Floor coverings • Furniture • Load bearing walls • Load bearing floors and roofs • Load bearing steel structures • Construction elements • Fire dampers • Pipe penetrations seals • Linear joint seals 	<ul style="list-style-type: none"> • Non – load bearing • Curtain walls • Fire doors • Natural smoke and heat exhaust ventilators



NAME	SCOPE	COUNTRY	ADDRESS
EVPU	Testing Certification	SLOVAK	TRENCIANSKA 19 , 018 NOVA DUBNICE SLOVAK Tel: 00421424403600 Email: NOVOTNY@EVPU.SK Web: www.evpu.sk

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<ul style="list-style-type: none"> • CONTROL AND INDICATING EQUIPMENT • SOUNDERS • POWER SUPPLY EQUIPMENT • HEAT DETECTORS • SMOKE DETECTORS • MANUAL CALL POINTS • VOICE ALARM CONTROL AND INDICATING • SHORT – CIRCUIT ISOLATORS • INPUT / OUTPUT DEVICES • ALARM TRANSMISSION AND FAULT WARNING ROUTING EQUIPMENT • VISUAL ALARM DEVICES • LOUDSPEAKERS • COMPONENTS USING RADIO LINKS 	<ul style="list-style-type: none"> • SMOKE ALARM DEVICES • ELECTRICAL AUTOMATIC CONTROL AND DELAY DEVICES FOR GAS EXTINGUISHING SYSTEMS.
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NAME	SCOPE	COUNTRY	ADDRESS
EXOVA WFRGENT nv	Testing	BELGIUM	OTTERGEMSESTEENWEG – ZUID 711 – 9000 , GENT T : 003292437750 Email: info@wfrgent.com Web : www.exova.com

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<ul style="list-style-type: none"> • BUILDING MATERIALS AND STRUCTURES AS (EXTERIOR AND INTERIOR WALL , CEILING , COVERINGS , EXTERIOR AND INTERIOR FLOOR COVERINGS • PLASTIC MATERIALS FOR PARTS IN DEVICES AND APPLIANCES • WALLS AND PARTITIONS • VERTICAL PROTECTIVE MEMBRANES • FLOORS AND FLAT ROOFS • PLATFORM FLOORS • SUSPENDED CEILINGS (EN , BS) • CEILING MEMBRANES • COLUMNS • BEAMS • PENETRATION SEALS • LINEAR JOINT SEALS 	<ul style="list-style-type: none"> • VENTILATION DUCTS • DOORS& SHUTTER (EN) • PENETRATION SEALS • LINEAR JOINT SEALS • DAMPERS (EN) • SMOKE EXTRACTION DUCTS • SMOKE CURTAINS • SAFETY STORAGE CABINETS • CONVEYOR SYSTEMS • RAILWAY MATERIALS AND CONSTRUCTION • COVERINGS
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NAME	SCOPE	COUNTRY	ADDRESS
Exova Warrington	Testing	UK	<p>Exova Warringtonfire Holmesfield Road, Warrington WA1 2DS, United Kingdom</p> <p>T : +44 (0) 1925 655116</p> <p>Email: info@exova.com</p> <p>Web : www.exova.com</p>

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<ul style="list-style-type: none"> • ROOF STRUCTURES • BUILDING MATERIALS AND STRUCTURES • WALLS AND PARTITIONS • VERTICAL PROTECTIVE MEMBRANES • GLAZING • FLOORS AND FLAT ROOFS • PLATFORM FLOORS (RAISED ACCESS FLOORS) • SUSPENDED CEILINGS • PROTECTING STEEL BEAMS • CEILING MEMBRANES 	<ul style="list-style-type: none"> • COLUMNS, BEAMS • DOORS AND SHUTTER ASSEMBLIES • INTUMESCENT SEALS • PENETRATION SEALS • LINEAR JOINT SEALS • VENTILATION DUCTS • DAMPERS • SMOKE EXTRACTION DUCTS • COMPONENTS FOR NATURAL SMOKE AND HEAT EXHAUST VENTILATORS • POWERED SMOKE AND HEAT EXHAUST VENTILATORS 	<ul style="list-style-type: none"> • COMPONENTS FOR NATURAL SMOKE AND HEAT EXHAUST VENTILATORS • POWERED SMOKE AND HEAT EXHAUST VENTILATORS • POWERED SMOKE AND HEAT EXHAUST VENTILATORS • POWERED SMOKE AND HEAT EXHAUST VENTILATORS • SMOKE CURTAIN AND COMPONENTS
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NAME	SCOPE	COUNTRY	ADDRESS
Exova (UK) Limited trading as Warrington Certificaton	Certification	UK	Holmesfield Road , Warrington , Cheshire WA1 2DS Website www.warringtonfire.net Email EWCL@exova.com Tel:00441925655116 Fax:00441925646667



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE		
<ul style="list-style-type: none"> • FIRE PROTECTIVE PRODUCTS, INCLUDING STEELWORK PROTECTION • LINEAR GAP PRODUCTS • SMOKE AND HEAT VENTILATORS • AIR TRANSFER GRILLES • WOOD BASED PANEL PRODUCTS • MATERIALS OF RESTRICTED COMBUSTIBILITY AND NON-COMBUSTIBILITY • SMOKE SEALS FOR DOORS AND FIRE RESISTING DOORS • SMOKE AND TOXICITY • SMOKE AND FIRE DAMPERS • INSTALLATION/APPLICATION OF FIRE PROTECTION MATERIALS & PRODUCTS (FIRAS SCHEME) 	<ul style="list-style-type: none"> • PENETRATION SEALS • ENHANCED SECURITY PERFORMANCE OF DOORS • FIRE RESISTING DOOR SETS AND OPENABLE • INTUMESCENT SEALS FOR FIRE DOORS • FIRE RESISTING INDUSTRIAL DOORS • HARDWARE FOR FIRE DOORS • THERMAL INSULATING PRODUCTS • SUSPENDED CEILINGS • FLOOR COVERING • FIRE PROTECTION PRODUCTS • DUCTWORK 	<ul style="list-style-type: none"> • POWERED HEAT AND SMOKE EXHAUST VENTILATORS • NATURAL HEAT AND SMOKE EXHAUST VENTILATORS • EXTERNAL WALLS INCLUDING SANDWICH PANELS • SEPARATING ELEMENTS • CEILINGS • FIRE RESISTING GLASS AND GLAZING SYSTEMS • INTERNAL PARTITIONING KITS • EXTERNAL THERMAL INSULATION COMPOSITE SYSTEMS/KITS WITH RENDERING • CAVITY BARRIERS



NAME	SCOPE	COUNTRY	ADDRESS
Fenestration Testing Laboratory, Inc.	Testing	USA	<p>Fenestration Testing Laboratory, Inc. 8148 N.W. 74th Avenue Medley, Florida 33166</p> <p>Telephone: (305) 885-3328 Facsimile: (305) 885-3329 Toll Free: (888) 819-7877</p> <p>E-Mail: Clientservices@ftl-inc.com</p> <p>Web: www.FTL-INC.COM</p>



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE
<p><u>FIRE RESISTANCE TESTING PARTITIONS:</u> FIRE TESTS OF BUILDING CONSTRUCTION AND MATERIALS (ASTM 119, VERTICAL FURNACE ONLY)</p> <ul style="list-style-type: none"> • STEEL AND WOOD WINDOW ASSEMBLIES • GLASS BLOCK WALLS • STEEL GARAGE DOORS ASSEMBLIES • STEEL ENTRY DOORS ASSEMBLIES • CONCRETE WALLS • CONCRETE BEAMS • FIRE RATED GLASS • FIRE RATED PAINTS • FIRE RATED ELECTRICAL GASKETS • INTERIOR PARTITION WALLS • WOOD DOORS ASSEMBLIES • WOOD WINDOWS ASSEMBLIES DOMESTIC SMOKE ALARMS



NAME	SCOPE	COUNTRY	ADDRESS
FIRES , s.r.o	Testing Certification	SOLOVAKIA	Osloboditelov 282 . 05935 Batizovce , Solovakia Phone: Te: 00421527752298 Web: www.fires.sk Email: rastocky@fires.sk

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<p><u>TESTING AND CERTIFICATION</u></p> <ul style="list-style-type: none"> FIRE AND SMOKE CONTROL DOORS AND SHUTTERS FIRE WALLS, PARTITION , FLOORS, SURPENDED CEILINGS AND ROOFS SYSTEMS FIRE PROTECTION SYSTEMS OF LOAD-BEARING ELEMENTS AND FIRE RESISTANCE OF LOAD- BEARING ELEMENTS FIRE AND SMOKE EXTRACTIONS DUCTS AND DAMPERS 	<ul style="list-style-type: none"> SEALS OF SERVICE PENETRATIONS AND GAPS SMOKE AND HEAT EXHAUST SYSTEMS AND SMOKE CURTAINS. <p><u>TESTING ONLY</u></p> <ul style="list-style-type: none"> REACTION TO FIRE OF CONSTRUCTION PRODUCTS CURTAIN WALL SYSTEMS
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NAME	SCOPE	COUNTRY	ADDRESS
FM Factory Mutual Research	Testing Certification	USA	FM Factory Mutual 1151 Boston – providence turnpike , norwood , MA 02062 U.S.A Phone: 0017812554972 008522622658 009166940200 Web: www.fmapprovals.com

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<u>TESTING</u>		<u>CERTIFICATION</u>
<ul style="list-style-type: none"> AUTOMATIC VALVES FOR GAS APPLIANCES STANDAED FOR SMOKE DETECTORS FOR FIRE ALARM SYSTEMS ELECTRICAL APPARATUS FOR THE DETECTION AND MEASUREMENT OF FLAMMABLE GASES GAS DETECTOR PERFORMANCE REQUIREMENTS OF OPEN PATH FOR FLAMMABLE GASES ELECTRICAL APPARATUS FOR THE DETECTION AND 	<ul style="list-style-type: none"> CLASS 1 FIRE RATING OF INSULATED WALL OR WALL AND ROOF/CEILING PANELS, INTERIOR FINISH MATERIALS OR COATINGS, AND EXTERIOR WALL SYSTEMS CLASS 1 EXTERIOR WALL SYSTEMS CLEAN ROOM MATERIALS FLAMMABILITY TEST PROTOCOL WAFER CARRIERS FOR USE IN CLEAN ROOMS FUME EXHAUST DUCTS OR FUME AND SMOKE EXHAUST DUCTS WELDING PADS, WELDING BLANKETS AND WELDING 	<ul style="list-style-type: none"> FIRE FIGHTING FIRE PROTECTION COMBUSTIBLE GAS DETECTORS EXPLOSION PROTECTION PROTECTION AGAINST ELECTRIC SHOCH (LIVE WORKING) ALARM AND WARNING SYSTEMS ELECTRICAL AND WARNING SYSTEMS HOUSINGS , ENCLOSURES, OTHER MACHINE PARTS IRON AND STEEL PIPES PLASTIC PIPS



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE		
<p>MEASUREMENT OF FLAMMABLE GASES</p> <ul style="list-style-type: none"> CARBON DIOXIDE EXTINGUISHING SYSTEMS FLAME DETECTORS STANDARD FOR AUDIBLE SIGNAL DEVICES FOR FIRE ALARM SYSTEMS STANDARD FOR VISUAL SIGNAL DEVICES FOR FIRE ALARM SIGNALLING STANDARD FOR CONTROL PANELS FOR FIRE ALARM SYSTEMS STANDARD FOR HEAT ACTUATED FIRE DETECTORS FOR FIRE ALARM SYSTEMS STANDARD FOR SPEAKERS FOR FIRE ALARM SYSTEMS STANDARD FOR ALARM INITIATING AND SUPERVISORY DEVICES FOR WATER TYPE EXTINGUISHING SYSTEMS CLASS I INSULATED STEEL DECK ROOFS SINGLE-PLY, POLYMER-MODIFIED BITUMEN SHEET, BUILT-UP ROOF (BUR) AND LIQUID APPLIED ROOF ASSEMBLIES FOR USE IN CLASS 1 AND NONCOMBUSTIBLE ROOF DECK CONSTRUCTION CLASS 1 PANEL ROOFS WATER MIST SYSTEMS PORTABLE FIRE EXTINGUISHERS FOAM EXTINGUISHING SYSTEMS CARBON DIOXIDE EXTINGUISHING SYSTEMS PIPE AND COUPLINGS; (PVC 	<p>CURTAINS FOR HOT WORK OPERATIONS</p> <ul style="list-style-type: none"> CLASSIFICATION OF PALLETS AND OTHER MATERIALS HANDLING PRODUCTS AS EQUIVALENT TO WOOD PALLETS FLAMMABILITY CLASSIFICATION OF INDUSTRIAL FLUIDS STEEL TANKS FOR FIRE PROTECTION SPECIFICATION TEST STANDARD FOR IMPACT RESISTANCE TESTING OF RIGID ROOFING MATERIALS BY IMPACTING WITH FREEZER ICE BALLS DEFINITIONS, GENERAL REQUIREMENTS, AND METHODS OF TESTING THERMOPLASTIC PRESSURE PIPING, PLUMBING PRODUCTS, AND MATERIALS RIGID PVC PIPE FOR PRESSURE APPLICATIONS STANDARD FOR FIRE HYDRANTS DRY CHEMICAL FIRE EXTINGUISHERS RATING AND FIRE TESTING OF FIRE EXTINGUISHERS DRY CHEMICAL FOR USE IN HAND AND WHEELED FIRE EXTINGUISHERS STANDARD FOR FIRE EXTINGUISHERS AND BOOSTER HOSES STANDARD FOR SMOKE DETECTORS FOR FIRE ALARM SYSTEMS STANDARD FOR CATEGORY 3 AQUEOUS FILM-FORMING FOAM (AFFF) LIQUID CONCENTRATIONS STANDARD FOR CATEGORY 3 FILM-FORMING FLUOROPROTEIN (FFFP) FOAM 	<ul style="list-style-type: none"> METAL FITTINGS PLASTIC FITTINGS FLANGES, COUPLINGS AND JOINTS HOSES AND HOSE ASSEMBLIES GATE VALVES PRESSURE REGULATORS CHECK VALVES VALVES FOR FIRE PROTECTION SERVICE FIRE PUMPS GENERAL PURPOSE PALLETS THERMOSETTING MATERIALS THERMOPLASTIC MATERIALS FILMS AND SHEETS LAMINATED SHEETS WALLS PARTITIONS FACADES ROOFS THERMALS AND SOUND INSULATING MATERIALS DOMESTIC, COMMERCIAL AND INDUSTRIAL HEATING APPLIANCES (ELECTRICAL HEAT TRACING SYSTEMS)



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE		
<p>FOR UNDERGROUND FIRE SERVICE)</p> <ul style="list-style-type: none"> • QUICK OPENING DEVICES FOR DRY PIPE VALVES FOR FIRE PROTECTION SERVICE • FOAM EQUIPMENT AND LIQUID CONCENTRATES • PIPE HANGER EQUIPMENT FOR FIRE PROTECTION SERVICE • PRELIMINARY STANDARD FOR BUTTERFLY VALVES FOR FIRE PROTECTION SERVICE • RESIDENTIAL SPRINKLERS FOR FIRE PROTECTION • GUIDE FOR THE INVESTIGATION OF ALARM VALVES FOR FIRE PROTECTION SERVICE • AUTOMATIC SPRINKLERS FOR FIRE PROTECTION • RUBBER GASKETED FITTINGS FOR FIRE PROTECTION SERVICE • GUIDE FOR THE INVESTIGATION OF DRY PIPE, DELUGE, AND PRE-ACTION VALVES FOR FIRE PROTECTION SERVICE • GATE VALVES FOR FIRE PROTECTION SERVICE • CHECK VALVES FOR FIRE PROTECTION SERVICE • GUIDE FOR THE INVESTIGATION OF PUMPS FOR FIRE PROTECTION SERVICE 	<p>LIQUID CONCENTRATES</p> <ul style="list-style-type: none"> • AUTOMATIC CONTROL MODE SPRINKLERS FOR FIRE PROTECTION • ESFR AUTOMATIC SPRINKLERS • FLEXIBLE METAL HOSE • GUIDE FOR THE INVESTIGATION OF HOSE VALVES FOR FIRE • STANDARD FOR FUSIBLE LINKS FOR FIRE PROTECTION SERVICE • STANDARD FOR LINED FIRE HOSE FOR INTERIOR STANDPIPES AND MUNICIPAL AND INDUSTRIAL FIRE PROTECTION SERVICES • STANDARD FOR CATEGORIES 1 AND 2 FOAM LIQUID CONCENTRATES • FIRE SPRINKLERS • WATER SPRAY NOZZLES • WET ALARM VALVE ASSEMBLIES • DRY ALARM VALVE ASSEMBLIES • WATER MOTOR GONGS • WATER FLOW DETECTORS / INDICATORS • DELUGE ALARM VALVE ASSEMBLIES • FIRE PUMPS • GAS DETECTORS • EQUIPMENT FOR EXPLOSIVE ATMOSPHERES 	



NAME	SCOPE	COUNTRY	ADDRESS
IFC Certification Ltd	Certification	UK	20 Park Street, Princes Risborough Buckinghamshire, HP27 9AH, UK Tel : +44(0) 1844275500 Fax : +44(0) 1844274002 Email : lan.Woodhouse@ifcgroup.com Website : www.ifccertification.com

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

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| <ul style="list-style-type: none"> • TIMBER FIRE DOORS AND DOOR SETS • METAL FIRE DOORSETS • SMOKE BARRIERS • CONTROLLED DOOR CLOSING DEVICES • SINGLE AXIS HINGES • PANIC EXIT DEVICES OPERATED BY HANDLE OR PUSH PAD • EMERGENCY EXIT DEVICES OPERATED BY HANDLE OR PUSH PAD • MECHANICALLY OPERATED LOCKS | <ul style="list-style-type: none"> • Fire resisting duct system • Smoke control duct sections • Fire safe modular building • Fire resisting dampers • Smoke control dampers • Rendering (spray)for protection of structural steel • Boards for protection of structural steel • Smoke barriers • Powered smoke and heat ventilators • Smoke duct sections |
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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE	
<ul style="list-style-type: none">• ELECTRICALLY POWERED HOLD OPEN DEVICES FOR SWINGING DOORS• NATURAL SMOKE AND HEAT EXHAUST VENTILATORS• Intumescent seals• smoke seals• air transfer grills• Fire resisting glass for use in partitions, curtain walling and internal glazed screens• Retractable fire resistant fabric curtains• Active fire curtain barrier assemblies• Thin film intumescent coatings for the protection of structural steel• Penetration seals• Linear gap seals• Fire resisting partitions and internal glazed screen	<ul style="list-style-type: none">• Smoke control dampers• Power supplies• Reaction to fire of boards materials• Fire dampers• Suspended ceiling• Internal pedestrian doors• Ancillary components for masonry-lintels• Internal and external wall and ceiling finishes, internal partition kits• Fire stopping, fire sealing and fire protective products. fire retardant products



NAME	SCOPE	COUNTRY	ADDRESS
IFT ROSENHEIM GMBH	Testing Certification	Germany	Theodor-Gietl-str> 7-9 83026 Rosenheim Germany Tel : +49.8031.261-0 Email : info@ift-rosenheim.de Website : www.ift-rosenheim.de

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

TESTING AND CERTIFICATION:-

- (Natural) smoke and heat control systems (NSHEV)
- Some control doors and shutters:
 - Pedestrian doors, windows, industrial doors, gates, curtains
- Smoke and heat control systems
- Building Hardware:
 - Hardware/fittings, locks, hinges, lever handle, fixing devices

TESTING ONLY:-

- Construction Products with fire resistance and smoke leakage:
 - Door, openable window assemblies and elements of building hardware, walls, curtain walling, building materials and structures, door assemblies, glazed elements
- Building materials – non-flammable or normal flammability
- Glass/Window Assemblies
- Fire Curtains
- Fire stopping
- Structural concrete and steel beams, steel members
- Door/ conveyor Systems



NAME	SCOPE	COUNTRY	ADDRESS
IMQ SpA	Testing Certification	Italy	<p>IMQ S.p.A. Via Quintiliano 43 It-20138 Milan (ITALY)</p> <p>ph.: +39 02 5073317 mob.: +39 334 9032724 fax: +39 02 50991534</p> <p>Email: cecilia.cantaluppi@imq.it</p> <p>Web: www.imq.it-info@imq.it</p>



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE
<ul style="list-style-type: none"> • CONTROL AND INDICATING DEVICES • CENTRAL POWER SUPPLY SYSTEMS • ALARM DEVICES • POWER SUPPLIES • MANUAL CALL POINTS • SHORT CIRCUIT ISOLATORS • INPUT/OUTPUT DEVICES • ALARM TRANSMISSION ROUTING DEVICES, FIRE ALARM SYSTEMS-KITS • FLAME RETARDANT CABLES • LUMINAIRES FOR EMERGENCY LIGHTING - IEC 60598-1 • BATTERY SUPPLIED ELECTRONIC CONTROL GEAR FOR EMERGENCY LIGHTING (SELF-CONTAINED) IEC 61347-1 • GAS LEAK DETECTOR • Automatic shut-off valves for gas burners and gas appliances



NAME	SCOPE	COUNTRY	ADDRESS
Intertek Testing Service	Testing Certification	UK	Cleeve Road , Leatherhead , Surrey , KT22 7SB, United Kingdom Tel: +44 1372370900 Fax: +44 1372370999 Email: donna.newman@intertek.com Web: www.intertek.com

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- CONTROL AND INDICATING EQUIPMENT
- SOUNDERS
- POWER SUPPLY
- HEAT DETECTORS
- SMOKE DETECTORS
- MANUALCALL POINT
- VOICE ALARM CONTROL AND INDICATING EQUIPMENT
- VOICE ALARM CONTROL INDICATING EQUIPMENT
- SHORT CIRCUIT ISOLATORS
- INPUT / OUTPUT DEVICE
- ASPIRATING SMOKE DETECTORS
- ALARM TRANSMISSION EQUIPMENT
- VISUAL ALARM DEVICES
- LOUDSPEAKERS
- ALARM DEVICES USING RADIO
- DOMESTIC SMOKE ALARMS



NAME	SCOPE	COUNTRY	ADDRESS
Intertek Testing Service	Testing Certification	USA	545 EAST ALGONQUIN ROAD , ARLINGTON HEIGHTS , IL 60005 United States +18474395667 +19734611845

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE		
<ul style="list-style-type: none"> • SMALL SCALE FIRE TESTS • ELECTRICAL FIR TESTS • CABLES • HOUSEHOLD FIRE WARNING SYSTEM UNITS • CONTROL UNITS AND ACCESSORIES FOR FIRE ALARM SYSTEMS • THERMAL PERFORMANCE TESTING OF BUILDING ASSEMBLIES 	<ul style="list-style-type: none"> • FIRE TESTING BUILDING ASSEMBLIES • BUILDING CONSTRUCTION • DUCT • FIRE DAMPERS • PENETRATION SEALS • FIRE TESTING OF FLOOR AND ROOF COVERING • WALL • CEILING 	<ul style="list-style-type: none"> • FIRE DOORS • FIRE WINDOWS • FIRE STOPS • FURNITURE AND MATTRESSES • FLAMMABILITY



NAME	SCOPE	COUNTRY	ADDRESS
Intertek Testing Service	Testing	CHINA	PLANT 7 , NO6958 DA YE ROAD FENGXIAN DISTRICT FENGXIAN DISTRICT SHANGHAI 201405 T : 008618621640683 EMAIL: KOBE.XU@INTERTEK.COM WEBSITE : WWW.INTERTEK.COM

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- FIRE TESTING OF BUILDING ASSEMBLIES (EXCEPT HORIZONTAL ASSEMBLIES OF EXPOSED AREA)
- WALL
- FIRE DOOR
- SHUTTER
- FIRE WINDOW
- FIRE TESTING OF FLOOR AND ROOF COVERING
- FIRE STOPS



NAME	SCOPE	COUNTRY	ADDRESS
ISTITUTO GIORDANO SPA	Testing	ITALY	Via Rossini 2 , 47814 Bellaria (RN) Italy T : 0039541322280 EMAIL: ngiordano@giordano.it WEBSITE : www.giordano.it

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<ul style="list-style-type: none"> • BUILDING PRODUCTS AND ELEMENTS (REACTION TO FIRE) . <ul style="list-style-type: none"> ○ DUCTS ○ CURTAINWALL SYSTEMS ○ ROOFING ○ GLAZING ○ INTERIOR FINISH ○ TEXTILE ○ UPHOLSTERY ○ FALSE CEILINGS ○ FIRE WALL SYSTEM ○ FLOORINGS 	<ul style="list-style-type: none"> • LIGHT FIRE STORAGE UNITS • NON- LOADBEARING HORIZONTAL ELEMENTS (FIRE RESISTANCE) <ul style="list-style-type: none"> ○ CEILINGS ○ SUSPENDED CEILINGS • NON- LOADBEARING VERTICAL ELEMENTS (FIRE RESISTANCE) <ul style="list-style-type: none"> ○ WALLS • DOORS • SHUTTERS • OPENABLE EINDOWS FIRE RESISTANT • PENETRATION SEALS
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NAME	SCOPE	COUNTRY	ADDRESS
ITB	Certification Testing	Poland	Ul. Filtrowa 1, 00-611 Warszawa , Polska Mazovian Branch ul. Przemyslowa 2, 26-670 Pionki Poland Website www.itb.pl Email instytut@itb.pl Tel: 0048228250471

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<u>TESTING AND CERTIFICATION:-</u>		<u>CERTIFICATION ONLY:-</u>
<ul style="list-style-type: none"> • FIRE EXTINGUISHING CONTROL PANELS • MANUAL TRIGGERING AND STOPPING DEVICES • FIRE DETECTION AND FIRE ALARM SYSTEMS <ul style="list-style-type: none"> ○ ELECTRICAL AUTOMATIC CONTROL AND DELAY DEVICES ○ MANUAL TRIGGERING AND STOP DEVICES ○ CONTROL INDICATING EQUIPMENT ○ FIRE ALARM DEVICES – SOUNDERS ○ POWER SUPPLY EQUIPMENT ○ HEAT DETECTORS – POINT DETECTORS ○ SMOKE DETECTORS – POINT DETECTORS USING SCATTERED 	<ul style="list-style-type: none"> ○ ALARM TRANSMISSION AND FAULT WARNING ROUTING EQUIPMENT ○ COMPONENTS OF VOICE ALARM SYSTEMS – LOUDSPEAKERS • SMOKE ALARM DEVICES • SMOKE AND HEAT CONTROL SYSTEMS <ul style="list-style-type: none"> ○ SMOKE BARRIERS ○ NATURAL SMOKE AND HEAT EXHAUST VENTILATOR ○ SMOKE DUCT SECTIONS ○ POWERSUPPLIES ○ FIRE DAMPERS • MECHANICALLY OPERATED LOCKS, LATCHES AND LOCKING PLATES (INSTALLED IN FIRE / SMOKE PROTECTION DOORS) • ELECTROMECHANICALLY OPERATED LOCKS AND STRIKING 	<ul style="list-style-type: none"> • NON – ELECTRICAL AUTOMATIC CONTROL AND DELAY DEVICES • CONTAINER VALVE ASSEMBLIES AND THEIR ACTUATORS • HIGH AND PRESSURE SELECTOR VALVES AND THEIR ACTUATORS • NON ELECTRICAL DISABLE DEVICES • NOZZLES FOR CO2 SYSTEMS • CONNTECTORS • SPECIAL FIRE DETECTORS • PRESSURE GAUGES AND PRESSURE



<p>LIGHT OR IONIZATION</p> <ul style="list-style-type: none"> ○ FLAME DETECTORS – POINT DETECTORS ○ MANUAL CALL POINTS ○ SMOKE DETECTORS – LINE DETECTORS – LINE DETECTORS USING AN OPTICAL BEAM ○ VOICE ALARM CONTROL AND INDICATING EQUIPMENT ○ SHORT- CIRCUIT ISOLATORS ○ INPUT/ OUTPUT DEVICES ○ SPECIFICATION FORPOWERED SMOKEAND HEAT EXHAUST VENTILATORS ○ EMERGENCY EXIT DEVICES (INSTALLED FIRE / SMOKE PROTECTION DOORS) ○ PANIC EXIT DEVICES (FOR USE ON ESCAPE ROUTES) • DOOR CLOSING DEVICES • SINGLE – AXIS HINGES (INSTALLED IN FIRE / SMOKE PROTECTION DOORS) 	<p>PLATE (INSTAALED IN FIRE / SMOKE PROTECTION DOORS)</p> <ul style="list-style-type: none"> • FIRE STOPPING AND FIRE SEALING PRODUCTS, PENETRATION SEALS, LINEAR JOINT AND GAP SEALS, REACTIVE AND MECHANICAL AIR TRANSFER GRILLES • FIRE PROTECTIVE PRODUCTS; REACTIVE COATINGS FOR FIRE PROTECTION OF STEEL ELEMENTS; RENDERINGS AND RENDERING KITS INTENDED FOR FIRE RESISTING APPLICATIONS; FIRE PROTECTIVE BOARD, SLAB AND MAT PRODUCTS AND KITS • EXTERNAL THERMAL INSULATION COMPOSITE SYSTEMS (ETICS) WITH RENDERING • CURTAIN WALLING • SELF – SUPPORTING DOUBLE SKIN METAL FACED INSULATING PANELS • FIRE RESISTANT DOORS, WINDOWS AND GATES 	<p>SWITCHES</p> <ul style="list-style-type: none"> • MECHANICAL WEIGHING DEVICES • PNEUMATIC ALARM DEVICES • CHECK VALVES AND NON- RETURN VALVES • FIRE ALARM DEVICES VISUAL ALARM DEVICES • COMPONENTS USING RADIO LINKS (FIRE DETECTION AND ALARM SYSTEMS) • PRESSURE DIFFERENTIAL SYSTEMS KITS (SMOKE AND HEAT CONTROL SYSTEMS) • SMOKE DUCT SECTIONS (SMOKE AND HEAT CONTROL SYSTEMS) • SMOKE CONTROL DAMPERS (SMOKE AND HEAT CONTROL SYSTEMS) <u>TESTING ONLY:-</u> • INTERNAL PARTITION KITS FOR USE AS NON – LOADBEARING WALLS
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NAME	SCOPE	COUNTRY	ADDRESS
IBS-institute for technical fire protection and safety research	Testing Certification	Austria	Petzoldstrabe 45 4021 linz Austria Website www.ibs-austria.at Email office@ibs-austria.at Tel: +43 732 76170

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- Structural Glazing, Fire resistant Doors, Smoke resistant Doors
- High Pressure Water Mist Fire Fighting System



NAME	SCOPE	COUNTRY	ADDRESS
ISQ (laboratories LABEL & LABCEM)	Testing	Portugal	AV.Prof Dr.Cavaco Silva nº 33 2740-120 Porto salvo Portugal Telephone: +351(21)4229061 P.O.BOX: **** E-Mail: jlcosta@isq.t Web: www.isq.pt/EN/

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- Control and indicating equipment
- Fire alarm devices – Sounders
- Power supply equipment
- Manual call points
- Compatibility assessment of system components
- Short-circuit isolator
- Input/output deices



NAME	SCOPE	COUNTRY	ADDRESS
MATERIAL LAB	Testing	UAE	AL QUOZE – DUBAI Telephone: 00971-4-3405678 Fax: 00971-4-3405677 E-Mail: MLAB @ MLAB.AE Web: www.MLAB.AE

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- GLAZED ELEMENTS
- FIRE RESISTANCE OF DOOR, SHUTTERS AND OPENABLE WINDOWS
- BLOCKS WALL



NAME	SCOPE	COUNTRY	ADDRESS
MATERIAL LAB Testing Services L.L.C	Testing	UAE	Store #1 YSL International, Dubai Investment Park, Dubai, U.A.E Telephone: (971) 04-3339562 P.O.BOX: 114717 E-Mail: MLAB @ MLAB .AE Web: www.MLAB.AE

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE
<ul style="list-style-type: none"> • Reaction to fire tests for building products, flooring and Linear Thermal insulation pipes. • Fire testing for Building materials & products – Building materials & Structures (Non load bearing vertical elements only). • Fire testing for Building materials & products – Door Assemblies, (standards UL 10B) • Fire testing for Building materials & products – Door Assemblies, (standards UL 10C) • Fire testing for Building materials & products – Building materials & Structures.



NAME	SCOPE	COUNTRY	ADDRESS
MPA Braunschweig	Testing Certification	Germany	MPA Braunschweig Beethovenstraße 52 D-38106 Braunschweig Tel: +49 (0)531 391-5400 Fax: +49 (0)531 391-5900 Email: info@mpa.tu-bs.de Web: www.mpa.tu-bs.de

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<u>TESTING AND CERTIFICATION</u>	<u>TESTING ONLY</u>	<u>CERTIFICATION ONLY</u>
SMOKE AND HEAT CONTROL SYSTEMS <ul style="list-style-type: none"> • SMOKE BARRIERS • NATURAL SMOKE AND HEAT EXHAUST SYSTEMS • POWERED SMOKE AND HEAT EXHAUST VENTILATORS • SMOKE DUCTS SECTIONS FIRE RESISTENT DUCT 	FIRE RESISTANCE TESTS <ul style="list-style-type: none"> • ALTERNATIVE AND ADDITIONAL METHODS • VERIFICATION OF FURNACE PERFORMANCE • WALLS • BEAMS • PILLARS • BALCONIES AND ARCADES • RAISED ACCESS AND 	GYPHUM PRODUCTS WITH FIRE RESISTANCE REQUIREMENTS <ul style="list-style-type: none"> • FIBROUS GYPHUM PLASTER CASTS • GYPHUM PLASTERBOARD THERMAL / ACOUSTIC INSULATION COMPOSITE PANELS • GYPHUM PLASTERBOARD



<p>SECTIONS</p> <ul style="list-style-type: none"> • SMOKE CONTROL DAMPERS FIRE DAMPERS <p>FIRE PROTECTIVE PRODUCTS SEALS AND LININGS.</p> <p>FIRE RESISTANT PRODUCTS AND FIRE RESISTANCE TESTS</p> <ul style="list-style-type: none"> • FIRE DOORS • FIRE STOPPING AND FIRE SEALING PRODUCTS • PENETRATION SEALS • LINEAR JOINT AND GAP SEALS • GYPSUM PRODUCTS WITH FIRE RESISTANCE REQUIREMENTS • GYPSUM PLASTERBOARDS • GYPSUM BLOCKS • GYPSUM BASED ADHESIVES FOR GYPSUM BLOCKS • JOINTING MATERIALS FOR GYPSUM PLASTERBOARDS • GYPSUM FIBRE BOARDS <p>CURTAIN WALLING AND CALLINGS WITH REQUIREMENTS TO REACTION TO FIRE AND FIRE RESISTANCE</p> <ul style="list-style-type: none"> ○ CURTAIN WALLING ○ CEILINGS, ROOFS ○ STRETCHED CEILINGS 	<p>HELLOW CORE FLOORS</p> <ul style="list-style-type: none"> • BARRIERS FOR CONVEYOR SYSTEMS AND TRACK – BOUND TRANSPORTATION SYSTEMS • FUNCTIONAL INTEGRITY OF ELECTRIC CABLE SYSTEMS WIYH FIRE PROTECTION SYSTEM <p>CLASSIFICATION OF BUILDING PRODUCTS AS TO THEIR FIRE BEHAVIOR</p> <ul style="list-style-type: none"> • CLASSIFICATION USING RESULTS FROM FIRE BEHAVIOUR TESTS OF BUILDING PRODUCTS • CLASSIFICATION USING RESULTS FROM FIRE RESISTANCE TESTS, EXCLUDING VENTILATION SYSTEMS • CLASSIFICATION USING RESULTS FROM FIRE RESISTANCE TESTS ON BUILDING COMPONENTS OF HVAC SYSTEMS: FIRE-RESISTANT DUCTS AND FIRE DAMPERS • CLASSIFICATION USING RESULTS FROM FIRE BEHAVIOUR TESTS OF ELECTRICAL CABLES 	<p>PRODUCTS FROM REPROCESSING</p> <ul style="list-style-type: none"> • PREFORMED PLASTERBOARD CORNICES • GYPSUM ELEMENTS FOR THERMAL / ACOUSTIC INSULATION COMPOSITE PANELS AND PLASTERBOARDS • GYPSUM BOARDS WITH MATREINFORCEMENT
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NAME	SCOPE	COUNTRY	ADDRESS
MPA Dresden GmbH	Testing Certification	Germany	Fuchsmuhlenweg 6 F 09599 Freiberg Tel: +49 (0) 3731 203 93-0 Fax: +49 (0) 3731 203 93-110 Email: info@mpa-dresden.de Web: www.mpa-dresden.de

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE	
<p><u>TESTING AND CERTIFICATION</u></p> <ul style="list-style-type: none"> • PORTABLE FIRE EXTINGUISHERS • MOBILE FIRE EXTINGUISHERS WITHOUT OWN POWER OPERATION (DIN EN 1866-1) • FIRE EXTINGUISHING AGENTS- FOAM (DIN EN 1568-1 /-2/-3/-4) • FIRE EXTINGUISHING AGENTS- Powders (DIN EN 615) 	<p><u>TESTING ONLY</u></p> <ul style="list-style-type: none"> • MOBILE FIRE EXTINGUISHERS WITHOUT OWN POWER OPERATION (DIN EN 1866-2/-3/) • FIRE EXTINGUISHING AGENT POWDER (ISO 7202) • FIRE EXTINGUISHING SPRAYS / AEROSOL (BS 6165) • FIRE BLANKETS • FIRE EXTINGUISHING AGENT FOAM (ISO 7203-1/-2/-3)



NAME	SCOPE	COUNTRY	ADDRESS
MIT International Testing srl	Testing Certification	ITALY	Via Moscova 11,20017 Rho (MI) , ITALY Telephone: +390297071800 E-Mail: info@mitesting.org Web: www.mitesting.org

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE	
<ul style="list-style-type: none"> • Input / Output devices • Aspirating smoke detectors • Alarm transmission and fault warning routing equipment • Components of voice alarm systems – Loudspeakers • Requirements and test methods for electrical automatic control and delay devices • Control and indicating equipments 	<ul style="list-style-type: none"> • Fire alarm device – Sounders • Power supply equipment • Heat detectors – Point detectors • Smoke detectors – Point detectors using scattered light, transmitted light or ionization • Flame detectors – Point detectors • Manual call points • Smoke detectors – line detectors using an optical light beam • Voice alarm control and indicating equipment • Short-circuit isolators



NAME	SCOPE	COUNTRY	ADDRESS
SGS Fimko Ltd	Testing Certification	Finland	Särkiniementie 3 00210 Helsinki FINLAND Tel: +358 9 6963 1 Fax: +358 9 6925 474 Email: sgs.fimko@sgs.com Website:

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE
<ul style="list-style-type: none"> • EMERGENCY LUMINAIRES • CENTRAL POWER SUPPLY SYSTEMS FOR EMERGENCY LIGHTING



NAME	SCOPE	COUNTRY	ADDRESS
TECNALIA	Testing Certification	Spain	<p>Area Anardi 5, 20730 Azpeitia (Gipuzkoa) – Spain</p> <p>Phone: (+34) 902 760 020 Fax: (+34) 901 706 009</p> <p>Email: izaskun.martinez@tecnalia.com</p> <p>Website: www.tecnalia.com</p>

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<u>TESTING AND CERTIFICATION</u>	<u>TESTING ONLY</u>
<ul style="list-style-type: none"> • FIRE DOORS & SHUTTERS • BUILDING HARDWARE • CURTAIN WALL SYSTEMS • FIRE WALL SYSTEMS /INTERIOR FINISH • TIMBER STRUCTURES / BOARDS / FLOORING • ROOFS, WALLS AND FLOORS • GLAZING • BUILDING CONSTRUCTION MATERIALS 	<ul style="list-style-type: none"> • PENETRATION SEALS AND LINEAR JOINT SEALS • FIRE PROTECTIVE PRODUCTS. PASSIVE FIRE PROTECTION SYSTEMS • REACTIVE COATINGS FOR FIRE PROTECTION OF STEEL ELEMENTS • RENDERINGS AND RENDERING KITS INTENDED FOR FIRE RESISTING APPLICATIONS • FIRE PROTECTIVE BOARD, SLAB AND MAT PRODUCTS AND KITS • CONVEYOR SYSTEMS AND THEIR CLOSURES • LOADBEARING STRUCTURAL ELEMENTS. • BEAMS & COLUMNS • FIRE SAFETY STORAGE CABINETS • DUCTS AND SHAFTS • SMOKE AND HEAT CONTROL SYSTEMS / NATURAL SMOKE AND HEAT EXHAUST



NAME	SCOPE	COUNTRY	ADDRESS
TELEFICATION	Testing Certification	Netherlands	Edisonstraat 12A Zevenaar 6902 PK The Netherlands Tel: +31 0 316 - 583 180 Fax: +31 0 316 - 583 189 Email: info@telefication.com Web: www.telefication.com

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE
<ul style="list-style-type: none">• FIRE DETECTION AND ALARM SYSTEM• VOICE EVACUATION SYSTEM



NAME	SCOPE	COUNTRY	ADDRESS
THOMAS BELL - WRIGHT	Testing Certification	UAE	PO BOX 26385 Corner of 46 th & 47 th Sts., Industrial Area1, Jebel Ali, Dubai, UAE Tel: +97148215777 Fax: // E-Mail : CERTIFICATION@BELL- WRIGHT.COM FIRE@BELL-WRIGHT.COM Website: www.bell-wright.com

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

TESTING ONLY :-

- Building Construction Components and Materials
- Building Construction Components and Materials for Exterior & Interior Application
- Floor Coverings
- Fire Doors & Shutters
- Non-Load bearing
- Walls and Partitions – non- load bearing
- Curtain Walling
- Non-Load bearing External Cladding Materials & Systems
- Glazing
- Penetration seals
- Smoke Management Systems
- Construction Products and Building Elements for Internal & External Application
- Glass Performance Test
- Exterior Wall Assemblies

CERTIFICATION ONLY:-

- Fire door & Hardware
- Fire Rated Separating Constructions
- Exterior Wall Assemblies, Claddings, Curtain Walls, Building Materials, Product & Assembles
- Fire Doors
- Safety Glass



- Fire dampers
- Penetration seals
- Linear joint seals
- Raised access and hollow core floors
- Ceilings – Non-load bearing
- Curtain walling. Full configuration (complete assembly)
- Curtain walling. Part configuration
- loadbearing elements. Walls
- loadbearing elements. Floors and roofs
- loadbearing elements. Beams
- loadbearing elements. Columns
- Door, shutter and openable window assemblies and elements of building hardware
- Structural members
- Building materials and structures-Loadbearing elements of construction
- Building materials and structures-Non-loadbearing elements of construction
- Building materials and structures
- Ventilation ducts
- Building Joint Systems
- Window Assemblies
- Walls & Partitions – Nonload bearing
- Fire Dampers
- Building & Materials Structure - Load bearing elements
- Penetration Seals
- Building Construction Components & Materials
- Floor Coverings
- Walls and Partitions – Non-load bearing
- External Wall Assemblies
- Applied Reactive Protection products
- Construction products and Building Elements



NAME	SCOPE	COUNTRY	ADDRESS
TUV Rheinland	Testing Certification	Germany	TÜV Rheinland LGA Products GmbH Tillystra 2, 90431 Nürnberg Germany Tel: +49 911 655-5227 Fax: +49 911 655 5226 Email: Web: www.tuv.com

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE
<ul style="list-style-type: none"> • EMERGENCY LIGHTING • EXIT LUMINARIES AND SYSTEMS

NAME	SCOPE	COUNTRY	ADDRESS
TÜV SÜD PSB Pte Ltd	Testing Certification	Singapore	1 Science Park Drive, Singapore 118221, Singapore Tel: +65 6778 7777 Fax: +65 6779 7088 Email: enquiries@tuv-sud-psb.sg Web: www.tuv-sud-psb.sg



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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<u>TESTING</u>	<u>CERTIFICATION</u>
<ul style="list-style-type: none"> • FIRE HOSE REEL • LAYFLAT / FLAKED HOSE • LANDING VALVES • BREECHING INLET • PORTABLE FIRE EXTINGUISHER • EMERGENCY LIGHTING & LUMINAIRES • FIRE ALARM PANEL • PLASTIC MATERIALS • UPHOLSTERED SEATS • DOOR CLOSER • SINGLE AXIS HINGE • LOCKS AND LATCHES • CYLINDERS FOR LOCKS • LEVER HANDLE • DOOR COORDINATOR DEVICES • PLASTIC MATERIALS • FABRIC & FILM • BUILDING MATERIALS • DOORS • SHITTERS • PARTITIONS : WALL • ELECTRICAL CABLES • BUNCHED WIRES OR CABLES • FIRE RESISTANCE CABLE • CAST IRON PIPES AND FITTINGS • ROOF COVERINGS • Fire rated cables 	<ul style="list-style-type: none"> • RAISED FLOOR PANEL • COMPOSITE PANEL • FIRE RETARDANT SOLUTION / PAINT • DUCTING • THERMAL INSULATION MATERIAL • FINISHING MATERIAL FOR WALL AND CEILING • MATERIAL FOR WALL AND CEILING CONSTRUCTION • ROOF COVERING MATERIAL • SMOKE CURTAIN FABRIC • GENERAL BUILDING SERVICES ENCLOSURES • FIRE RATED SYSTEM • FIRE ALARM PANEL • SELF – LUMINOUS FIRES SAFTEY SIGN (BS 5499) • FIRE EXTINGUISHER • BREECHING INLET • STANDBY HOSE • LANDING VALVE • FIRE HOSE REEL • SMOKE CURTAIN • AUDITORIUM SEAT • FIRE RATED LIFT LANDING DOOR • FIRE RATED REFUSE HOPPER • FIRE RATED DUMB WAITER DOOR • FIRE RATED PARTITION • FIRE COLLAR (FOR UPVC PIPES) • FIRE RATED GLASS PARTITION • FIRE RATED GLASS BLOCK • FIRE RATED CEILING (PROTECTION OF STRUCTURAL STEEL) • FIRE STOPPING MATERIAL • FIRE RATED PIPE PROTECTION (CHILL WATER PIPE / WET & DRY RISER) • WET CHEMICAL SUPPRESSION SYSTEM FOR KITCHEN HOOD • BIN / LINEN CHUTE DOOR



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- PROTECTED SHAFT WALL SYSTEM
- FIRE RATED HATCH
- DOOR CLOSER
- MANUAL CALL POINT
- FIRE RATED COLLAR
- COMPARTMENT WALL
- PROTECTED SHAFT ENCLOSING LIFT
- PROTECTED SHAFT ENCLOSING STAIRCASE OF SERVICES
- COMPARTMENTATION
- PROTECTION TO STEEL BEAMS THAT SUPPORT RC FLOOR
- PROTECTION TO TIMBER / STEEL FLOORING
- PROTECTION TO STEEL STRUCTURE
- PROTECTION TO FIRE FIGHTING SYSTEM (SPRINKLER , RISING MAINS , HYDRANT)
- PROTECTION TO BUILDING SERVICES (CABLES , SANITARY PIPES, CHILLED WATER PIPES ETC)
- SMOKE CURTAIN SYSTEM
- FIRE RATED VENTILATION , SMOKE – EXTRACTION AND KITCHEN EXHAUST DUCTING SYSTEM
- FIRE STOPPING MATERIAL
- FIRE RATED GLASS BLOCK / PARTITION / PANEL
- FIRE RATED LIFT LANDING / DUMP WASTE DOOR / HATCH DOOR
- FIRE RATED HOPPER
- INTUMESCENT COATING SYSTEM
- UPVC WINDOW FRAME MATERIAL
- Fire Rated Sliding / Swing Door
- Fire Shutter / Fire Curtain
- Emergency exit sign
- Emergency Lighting & Power pack
- Fire rated cables



NAME	SCOPE	COUNTRY	ADDRESS
TUV Rheinland Intercert Kft	Testing Certification	Hungary	1132 Bundapest, Vaci ut 48/A-B,Hungary Tel: +36-1-2888- 374/+8618621640683 Fax: ***** Email: Laszlo.kocsis@hu.tuv.com /kobe.xu@tuv.com Web: www.tuv.hu

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE
<ul style="list-style-type: none"> • Smoke alarm devices • Control and indicating • Sounders • Power supply equipment • Manual call points • Voice alarm control and indicating equipment • Short-circuit isolators • Input/output devices • Alarm transmission and fault warning routing equipment • Visual alarm devices • Loudspeakers • Components using radio links



NAME	SCOPE	COUNTRY	ADDRESS
UL Underwriters laboratories Inc	Testing Certification	USA	333 PFINGSTEN ROAD NORHBROOK , IL 60062 , USA +18472728800 Web: WWW.UL.COM

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE	
<p><u>TESTING AND CERTIFICATION</u></p> <ul style="list-style-type: none"> Natural Ventilators for smoke and heat Exit signs, Tactile signs, Exit Signs and Markers for Use in Hazardous Locations Emergency luminaries, self-contained, Monitored type emergency lighting system, Central Battery Emergency lighting system LP-Gas Flow control valves, check valves, Shutoff Valves Pressure relief valves for LP-Gas LP-Gas Hose Gas leak detectors Liquid level gauge for LP-Gas Air Ducts, Ducts for smoke control system, Fire Rated Ducts Air filter 	<p><u>CERTIFICATION ONLY:-</u></p> <ul style="list-style-type: none"> Atmospheric Tanks: Aboveground Flammable-liquid Steel Tanks, Glass-Fiber reinforced plastic underground storage tanks, external corrosion, fire resistant tank, protected aboveground tanks for flammable and combustible liquids. LP-Gas pressure regulators Gas and vapor Detectors Meters for flammable and LP-Gas Air Cleaner Fire pump motors Valves, Automatic Drain Amplifiers - Audio for Voice Mass Notification System (emergency voice evacuation system) Hardware for electric Door



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<ul style="list-style-type: none"> • Grease Filter • Fire-rated Cables • Hydrant (Wet & dry Barrel) • Exterior Wall assemblies, claddings, curtain walls, ACP/MCM/EIFS/ETICS/PEWFS/Sand wich Panels/GRC/GRFC/GRP • Early Suppression Fast Response Sprinklers • Sprinklers, Fixed firefighting systems components for sprinkler and water spray systems • Wet alarm valves, Fixed firefighting systems components for sprinkler and water spray systems • Dry alarm valves, Fixed firefighting systems components for sprinkler and water spray systems • Gate Valves for fire protection • Valves for flammable fluids • Speakers for fire alarm • Fire Alarm Control Panel, Releasing Panel, Remote Fire Telephones, Smoke Control Panel, Battery Charger, Power Supply Unit, • Audible notification Devices -Sounders • Power supply equipment • Heat detectors. Point • Detectors • Smoke detectors Point • Detectors, Video Image smoke detectors, Duct Detector (both sampling tube in in-duct types) • Manual call points • Line detectors using an optical light beam • Voice alarm control and indicating equipment • Short-circuit isolators • Input/output devices • Aspirating smoke detectors • Alarm transmission and fault warning routing equipment • • Visible notification devices-Visual alarm devices • Loudspeakers 	<ul style="list-style-type: none"> Controller/Lock, Access Control Unit - Subassembly/Accessory, Access Control Unit • Panic Hardware Devices and Exit Lock and fire exit hardware
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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- Wireless radio linked fire detection and alarm system
- Smoke alarm devices (Domestic)
- Mattresses
- Foam Plastic used in freezers
- PV cells Integrated into building (BIPV) material
- Through– penetration Fire stop System
- Interior walls and ceiling finish, ceiling coverings,
- Water Type Extinguisher
- Aboveground Pipes and Fittings
- Structural concrete & steel beams, steel members
- Gas Leak Detection Control Panel
- Air leakage test of door assemblies and other opening protectives
- Luminous Egress Path Marking Systems
- Steel Aboveground Flammable-liquid Tanks- Atmospheric Tanks
- Central Station Fire Alarm – Local Company
- Fire Doors (Swinging Type , Access type, Bullet Resisting Type, Chute Type, Dumbwaiter Type, Louvers, Freight Elevator-Steel-Panel, Hollow-Metal and Metal Clad Type, Passenger Elevator Type, Rolling-Steel Type, Service Counter Type, Special Purpose Type, Steel Doors and Frames, Fire-resisting Door Sets
- Door Construction Materials, , Door Accessories for Single-Point Locks & Latches and Fire Exit Hardware, Combination Fire Door Closers & Holders,
- Door Frames, Door Hinges, Door Holders, Door operators, Fire Door Coordinators, Fire Door Viewers, Gasketing Materials for Fire Doors, Passenger Elevator Door Hardware, Swinging Door Closers, Cladding Materials for Fire Doors and Frames, Deadbolt or Magnetic Locks (Auxiliary), Electric Strikes, Electrically Controlled Single-Point



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<p>Locks or Latches, Flush and Surface Bolts, Retrofit Door Operators, Two- or Three-Point Locks or Latches</p> <ul style="list-style-type: none"> • Acoustical Materials-fire resistance • Adhesives for Building Products and Adhesives (Fire Resistance) • Air Terminal Units • Batts and Blankets • Building Units • Building Units and/or Walk-In Freezer Panels • Building Units/Composite Panels with Wood Composite or Honeycomb Cores and High Pressure Laminate Facings • Cabinets - through penetration firestop • Caulking and Sealants • Ceiling Air Diffusers-Fire Resistance • Smoke dampers, Fire dampers and smoke dampers, Ceiling Dampers, seals for smoke dampers, Curtain Type Fire Doors • Ceiling Tiles, Loose Fill Materials - Building Products • Cementitious Cement and Plaster Mixtures burning • Coatings - Fire Retardants, General Purpose, Fire Retardant Treatment Chemicals • Concrete Blocks, Precast Autoclaved Concrete Blocks, Precast Concrete Units, Primers for Structural Steel, Steel Floor and Form Unit Accessories, Structural Concrete Fiber-reinforced Composite Systems, Vermiculite Aggregate • Duct Wrap materials-through penetration firestop • Encapsulant Materials, Fiber, Sprayed, Fiber Reinforcement and Concrete Additives • Fill, Void or Cavity Materials- Through penetration firestop and fire resistant joint systems, Firestop Devices, Firestop System Components, Forming Materials, Light Gauge Framing, Molded Intumescent Rings Components, 	
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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- Flame Resistant Tent Fabrics
- Floor Access Doors, Floor Mat Materials
- Foamed Plastic, Molded Plastics
- Framing Members
- General Use Tapes, Sealants, Sprayed Fiber
- **Ventilation Duct , fire resistive ducts and smoke control duct**
- **Fire Doors – positive pressure tested,**
- **Fire Door Components**
- **Fire protection, resistance rated-Glazing/Glass**
- **Fire Protective Curtains assemblies**
- **Water type extinguisher, Water Extinguishers, Expellant Gas Operated, Antifreeze Solution Extinguishers**
- **Carbon Dioxide Extinguishers**
- **Clean Agent/halocarbon Extinguishers, halocarbon Extinguishing Units, Marine, Halogenated/halocarbon Agent Extinguishing Units**
- **Dry-Chemical Extinguishing System Units, Pre-Engineered Type , Dry Chemical Extinguishers, Hand and Wheeled, Rebuilt, Dry Chemical Extinguishers, Semi-Portable, Marine, Dry-Chemical Extinguishing Agents For Recharging Fire Extinguishers, Hand Hose Line Type**
- **Foam-Water type extinguisher**
- **Aerosol-generating Automatic Extinguisher Unit, Aerosol-generating Extinguishing System Unit**
- **Clean-agent/Inert gas Extinguishing system Unit, Clean-agent/Chemical agent Extinguishing system Unit,**
- **Wet-chemical-solution Extinguishing System Unit (for Commercial cooking equipment)**
- **Foam Extinguishing System Units, Foam Liquid Concentrate**
- **PROPORTIONERS, FOAM CONCENTRATE**



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- High-expansion-foam Generator, system, High-expansion-foam Liquid Concentrate
- Indicator Posts, Gate Valve
- Indicator Posts, Butterfly Valve
- Chlorinated Polyvinyl Chloride Pipe, PVC -Cross-linked Polyethylene Pipe, Fittings, PVC and Fiberglass Reinforced Epoxy, Push-on Joint Gasket Material for Pipe
- Ductile-Iron Pipe, Gasketed joint for ductile iron pipe and fittings for fire protection, Fittings, Retainer Type, Underground Accessory Fittings.,
- Lined Fire Hose for Interior Standpipes
- Lined Fire Hose and Hose Assemblies
- Fire Hose Cabinets, Racks and Reels
- Nozzles, Spray Hose, Portable
- Fire Department Connections and caps (Breeching inlet)
- Fiberglass Pipe, and Fittings
- CPVC Sprinkler Pipe and Fittings. Cover Systems for Sprinkler Piping, Thermoplastic-PEX Sprinkler Pipe and Fittings, Polymeric Materials,
- Flexible Sprinkler Hose with Fittings
- Hangers, Pipe, Sway Brace Devices, Cable Type for Sprinkler Systems, Fasteners for Pipe Hangers powder driven,
- Support Devices for Thermoplastic Sprinkler Piping
- Nipples, Adjustable Drop
- Fire Pump Assembly, Driver and Controller Assemblies Certified as to Rating Compatibility
- Internal Combustion Engines for Driving Centrifugal Fire Pumps
- Nozzles, Spray Type, Fixed, Nozzles, Non-Automatic Pattern, Nozzles, Fixed Spray, Foam
- Water Mist Nozzles
- Special Type Drain Fittings, Valves, Trim and Drain
- Quick Opening Devices for dry pipe valve , Accelerators and Exhausters



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

- **Pilot-Operated Pressure-Control Valves, Pressure Reducing Valves,**
- **Air release, Vent valve , Automatic Air release, Valve**
- **Hose Valves**
- **Pressure Restricting Valves**
- **Powered Ventilators**
- **Fire Doors Assemblies**
- **Panic Hardware and fire exit Devices**
- **Smoke detectors, special application**
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- **Alarm Valves**
- **RELIEF VALVES,**
HYDROSTATIC, ANHYDROUS-
AMMONI
- **ANHYDROUS-AMMONIA**
SHUTOFF VALVES
- **Structural steelwork (Steel protection)**
- **Fire Retardant Coating**
- **Inert gas clean agent system**
- **Carbon Dioxide Extinguishing System Units**
- **Perimeter Fire Barrier Containment**
- **Structural steel protection/coating**



NAME	SCOPE	COUNTRY	ADDRESS
UL INTERNATIONAL (UK) LTD	Certification	UK	Unit 1-3 Horizon Kingsland Business Park Wade Road Basingstoke HAMPSHIRE RG24 8AH Tel: 00441925258870 Email: CHRIS.MILES@UL.COM Web: WWW.UL.COM

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

<ul style="list-style-type: none"> • FLAT GLASS • PROFILED GLASS • GLASS BLOCK PRODUCTS • FIRE STOPPING , FIRE SEALING AND FIRE PROTECTION PRODUCTS (PENETRATION SEALS , LINEAR JOINT SEALS , CURTAIN WALLING) • FIRE PROTECTIVE PRODUCTS (STEEL MEMBERS) • FIRE CLASSIFICATION OF CONSTRUCTION PRODUCTS AND BUILDING ELEMENTS (WALLS , FLOORS , ROOFS , BEAMS , COLUMNS , BALCONIES , WALKWAYS , STAIRS , LOADBEARING ELEMENTS WITH A SEPARATING FUNCTION , WALLS , FLOORS , ROOFS , RAISED FLOORS , CEILINGS , FIRE PROTECTIVE COATINGS , CLADDINGS , NON – LOADBEARING ELEMENTS OR PARTS OF WORKS WITK OR WITHOUT 	<ul style="list-style-type: none"> • Control and indicating equipment • Sounders • Power supply equipment • Heat detectors. Point Detectors • Smoke detectors Point Detectors • Flame detectors – Point Detectors • Manual call points • Line detectors using an optical light beam • Compatibility assessment of system components • Voice alarm control and indicating equipment • Short-circuit isolators • Input/output devices • Aspirating smoke detectors • Alarm transmission and fault warning routing equipment • Resettable line-type heat detectors • Visual alarm devices • Loudspeakers • Components using radio links • Carbon monoxide detectors – Point detectors • Duct smoke detectors • Multi-sensor fire detectors – Point detectors
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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE	
GLAZING / SERVICES / FIXTURES , PARTITIONS , FACADES , EXTERNAL WALLS , FIRE DOORS , AHUTTERS , CLOSING DEVICES , SMOKE CONTROL DOORS, CONVERYOR SYSTEMS AND THEIR CLOSURES, PENETRATION SEALS , LINEAR JOINTS SEALS, SERVICE DUCTS AND SHAFTS, CHIMNEYS , LIFT LANDING DOORS , FIRE RESISTING DUCTS , FIRE DAMPERS)	using a combination of smoke and heat sensors <ul style="list-style-type: none"> • Multi-sensor fire detectors – Point detectors using a combination of carbon monoxide and heat • Multi-sensor fire detectors – Point detectors using a combination of smoke, carbon monoxide and optionally heat sensors • Smoke alarm devices (Domestic)

NAME	SCOPE	COUNTRY	ADDRESS
ULC Underwriters Laboratories Inc, Canada	Testing	Canada	UL Canada 7 Underwriters Road Toronto, ON M1R 3A9 Tel: +1.416.757.3611 Fax: +1.416.757.8727 Email: customerservice@ulc.ca Web: www.ul.com/canada

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE	
<ul style="list-style-type: none"> • ACCESS TYPE FIRE DOORS • ACOUSTICAL MATERIALS 	<ul style="list-style-type: none"> • SPRAYED • FIBER REINFORCEMENT AND CONCRETE



<ul style="list-style-type: none"> • ADHESIVES – BUILDING PRODUCTS • ADHESIVES – RESISTANCE • AIR TERMINAL UNITS • BATTS AND BLANKETS • BUILDING UNITS • CABINETS • CAULKING AND SEALANTS • CEILING AIR DIFFUSERS • CEMENTITIOUS CEMENT AND PLASTER MIXTURES • CHUTE TYPE FIRE DOORS • COATINGS – FIRE RETARDANTS • COATINGS – GENERAL PURPOSE • CONCRETE BLOCKS • DUCT WRAP MATERIALS • DUMBWAITER TYPE FIRE DOORS • ENCAPSULANT MATERIALS • FIBER • REINFORCED PLASTIC • ROLLING STEEL TYPE DOORS • SEALANTS • SERVICE COUNTER TYPE FIRE DOORS • SHEATHING MATERIAL • SLIDING TYPE FIRE DOORS • SPECIAL PURPOSE PANELS • STEEL FLOOR AND FORM UNIT ACCESSORIES • STRUCTURAL CONCRETE FIBER – REINFORCED COMPOSITE SYSTEMS • THROUGH PENETRATING MATERIALS • TREATED PLYWOOD • VERMICULITE AGGREGATE • WALL AND PARTITION FACINGS AND ACCESSORIES • WALL OPENING PROTECTIVE MATERIALS • PARTICLEBOARD • PRIMERS FOR STRUCTURAL STEEL • REFLECTIVE INSULATION SHEET RADIANT BARRIERS 	<ul style="list-style-type: none"> ADDITIVES • FIRE DOOR LOUVERS • FIRE RETARDANT TREATMENT CHEMICALS • FIRESTOP DEVICES • FIRESTOP SYSTEM COMPONENTS • FLOOR ACCESS DOORE • FLOOR MAT MATERIALS • FOAMED PLASTIC • FRAMING MEMBERS • FREIGHT ELEVATOR – STEEL – PANEL M HOLLOW METAL AND METAL CLAD TYPE FIRE DOORS • GENERAL USE TAPES • GLAZING MATERIALS • GUPSUM BOARD • LAMINATED PLASTIC • LIGHT GAUGE FRAMING • LIGHTING FIXTURES • LIMINAIRES LUMINAIRE ASSEMBLIES AND LUMINAIRE ENCLOSURES CLASSIFIED FOR FIRE RESISTANCE • WEATHER BARRIERS • WOOD PARTICLEBOARD • WOOD SASH MEMBERS • HOUSE WRAPS • MEDIUM DENSITY FIBER BOARDS • MINERAL AND FIBER BOARDS • MOLDED INTUMESCENT RINGS COMPONENTS • MOLED PLASTICS • NONMETALLIC PLUMBING SYSTEM COMPONENTS • OUTLET BOXES AND FITTINGS • PASSENGER ELEVATOR TYPE FIRE DOORS • PERLITE AGGREGATE • PASSENGES ELEVATOR DOOR HARDWARE • PRECAST AUTOCLAVED CONCRETE BLOCKS • PRECAST CONCRETE UNITS • PREFINISHED WOOD
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NAME	SCOPE	COUNTRY	ADDRESS
Vds Schadenverhütung GmbH	Testing Certification	Germany	Vds Schadenverhütung GmbH, Amsterdamer Str. 172-174, D- 50735 Cologne, Germany Tel.: +49 (0)221 77660 Fax: +49 (0)221 7766 341 E-mail: info@vds.de Web: www.vds.de/en

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE
<ul style="list-style-type: none"> • FIRE DETECTION AND FIRE ALARM SYSTEMS • WATER EXTINGUISHING SYSTEMS • GAS EXTINGUISHING SYSTEMS • SMOKE AND HEAT EXHAUST SYSTEMS



NAME	SCOPE	COUNTRY	ADDRESS
(RISE)research institutes of sweden	Testing Certification	Sweden	Brinellgatan 4, 50115 Boras, Sweden Phone: +46105165292 +46105165714 +46105845094 Fax: // Email: Marina.andersson@ri.se Malin.mollsjo@ri.se Basher.sasa@ri.se Website: www.ri.se/en

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

TESTING:

- Fire Resistance Rating of Fire Walls/Fire Barriers
- Interior wall and ceiling finish materials and ceiling plenum assembly
- Expanded vinyl wall coverings
- Interior wall and ceiling coverings
- Interior floor and floor coverings
- Combustible decorative materials
- Thermal barriers
- Fire resistant joint system

CERTIFICATION:

- Smoke curtains or draft curtains
- Fixed fire fighting system, hose systems-kits
- Control and indicating devices and fire alarm control panel (FACP)
- Natural smoke and heat exhaust ventilation systems-kits
- Powered ventilators, mechanical extract fans and jet fans
- Power supplies and fire detection / alarm components
- Fire alarm systems-kits (2-way telephone system)



<ul style="list-style-type: none">• Carpets and textile floor fining• Membrane fire stop system• Fire resistance rated glazing in door and walls• Fire retardant coatings• Glazing in door assembly• Roof assemblies• Roof coverings• Factory manufactured or prefabricated panels with foam plastic insulation• Doors assemblies• Window assemblies• Upholstered furniture• Fire damper (90 minutes and 3-hour fire rated)• Glazing system on non-load bearing wall/curtain wall systems• Glazing system on load-bearing floor/roof• Structural steelwork• Non – combustible material for cavity fire barrier• Mattresses• Fire curtains• Natural smoke and heat exhaust ventilators• Mechanical extract fans and jet fans• Powered smoke and heat exhaust ventilators• Gas leak detector• Combination (fire/smoke) damper (90 minutes and 3-hour fire rated with 1.5 mm galvanized steel frame)• Cables	<ul style="list-style-type: none">• Power supplies, fire control components and smoke control panel (SCP)• Dampers (fire damper)• Coverings in roll form (combustible decorative materials)• Thermal insulating products (factory manufactured or prefabricated panels with foam plastic insulation)• Building hardware related to doors, gates and windows (panic hardware and fire exit hardware)• Cables for general application in construction works subject to reaction to fire requirements
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