



قائمة المختبرات وجهات اصدار شهادات السلامة العالمية المعتمدة

CIVIL DEFENCE APPROVED

INTERNATIONAL TESTING AND CERTIFICATION BODIES

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| NAME | SCOPE | COUNTRY | ADDRESS |
|-------|---------|---------|---|
| AFITI | Testing | Spain | 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 |

LOGO/ CERTIFICATION MARK



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

| | | |
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| <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 | <ul style="list-style-type: none"> PORTABLE FIRE EXTINGUISHERS MOBILE FIRE EXTINGUISHERS HAND- HELD BRANCHPIPER FOR FORE SERVICE USE : COMBINATION BRANCHPIPER PN16, SMOOTH BORE JET AND ORONE FIXED SPRAY JET ANGLE BRANCHPIPER PN 16 , HIGH PRESSURE BRANCHPIPER PN 40 NOZZLES FOR CO2 SYSTEMS CONNECTORS FOR GAS EXTINGUISHING | <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 VENTILATORS |
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| <ul style="list-style-type: none"> • FIRE SAFETY STORAGE CABINETS • 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>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 | <ul style="list-style-type: none"> ○ RECTANGULAR SECTION AIR DUCTS ○ CIRCULAR SECTION AIR DUCTS |
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| NAME | SCOPE | COUNTRY | ADDRESS |
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| 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 | | |
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| <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 | <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 | <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 |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| <p>SYSTEMS FOR CABLE</p> <ul style="list-style-type: none"> • SMOKE BARRIERS • 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 | <p>ELEMENTS AND OPENABLE WINDOW.</p> <ul style="list-style-type: none"> • DOORS AND SHUTTERS • LIFT DOORS • 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 • DOOR SETS 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 | <ul style="list-style-type: none"> • FIRE DAMPERS • THROUGH – PENETRATION FIRESTOP SYSTEM • RESISTIVE CABLES • CONTROL AND INDICATING EQUIPMENT • SOUNDERS FOR FIRE DETECTIONS AND FIRE ALARMS • POWER SUPPLY EQUIPMENT • HEAT DETECTORS • SMOKE DETECTORS • FLAME DETECTORS. POINT DETECTORS • 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 |



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

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| AENOR |

| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| <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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| 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 | |
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| <p><u>TESTING AND CERTIFICATION</u></p> <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 |



| NAME | SCOPE | COUNTRY | ADDRESS |
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| BM TRADA | Testing 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 |
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| <ul style="list-style-type: none"> • BUILDING CONSTRUCTION COMPONENTS AND MATERIALS. • FIRE DOORS AND SHUTTERS • FIRE WALL SYSTEMS • GLAZING • INTUMESCENT SEALS • PENETRATION SEALS • LINEAR JOINT SEALS |



| NAME | SCOPE | COUNTRY | ADDRESS |
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| 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 | |
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| <p><u>TESTING ONLY</u></p> <ul style="list-style-type: none"> • 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 HOLLOW CORES • GLAZING • PLASTICS, RUBBERS AND RELATED | <p><u>TESTING AND CERTIFCATION</u></p> <ul style="list-style-type: none"> • ELECTRICAL CABLES • FIRE DETECTION AND ELECTRONICS TESTING • BLANKETS • HOSES REEL • FIRE FIGHTING SYSTEMS (GAS COMPONENTS) • SPRINKLERS • PORTABLE FIRE EXTINGUISHER • BUTTERFLY VALVES • CHECK VALVES <p><u>CERTIFCATION ONLY</u></p> <ul style="list-style-type: none"> • FIRE HOSE COUPLINGS AND ANCILLARY EQUIPMENT • FIRE FIGHTING HOSES • LANDING VALVES FOR WET RISERS. • INLET BREECHINGS FOR DRY RISER INLETS |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | |
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| <p>MATERIALS</p> <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • NON-PERCOLATING LAYFLAT DELIVERY HOSES AND HOSE ASSEMBLIES FOR FIRE FIGHTING PURPOSES |



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

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| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| <p><u>BSI Kitemark House, Maylands Avenue, Hemel Hempstead, Hertfordshire, HP2 4SQ UK</u></p> <p><u>TESTING AND CERTIFICATION</u></p> <ul style="list-style-type: none"> • CO ALARMS • CONTROL PANELS • POWER SUPPLIES • CALL POINTS | <ul style="list-style-type: none"> • SMOKE ALARMS • SOUNDERS • PROTABLE FIRE EXTINGUISHERS • MOBILE FIRE EXTINGUISHERS • AEROSOL FIRE EXTINGUISHERS | <p><u>CERTIFICATION ONLY</u></p> <ul style="list-style-type: none"> • LOUD SPEAKERS • WIRELESS FIRE ALARM SYSTEMS • GAS ALARMS • FIRE BLANKETS • FIRE HOSE REELS WITH LAYFLAT HOSE • UNDERGROUND FIRE |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| <ul style="list-style-type: none"> • LINE UNITS , SHORT CIRCUIT MODULATORS • LINE UNITS, INPUT OUTPUT MODULE • VISUAL ALARMS • VOICE ALARM CONTROL EQUIPMENT • HEAT DETECTORS • SMOKE DETECTORS • FIRE HOSE COUPLINGS AND ANCILLARY EQUIPMENT • NON PERCOLATING LAYFLAT HOSES FOR FIXED SYSTEMS | <ul style="list-style-type: none"> • LAYFLAT FIRE HOSES • SEMI RIDGID FIRE HOSES • FIRE HOSE REELS WITH SEMI RIDIGID HOSE • EMERGENCY LIGHTING • HOSE REELS WITH SEMI – RIGID HOSE • HOSE SYSTEMS WITH LAY – FLAT HOSE • LAMP CONTROL GEAR GENERAL AND SAFETY REQUIREMENTS | <p>HYDRANTS</p> <ul style="list-style-type: none"> • PILLAR FIRE HYDRANTS • LANDING VALVES AND BREECHING INLETS • FANS – POWERED SOMKE AND HEAT EXHAUST VENTILATORS • COUPLINGS |
| <p><u>BSI Test Laboratory Holywell Park Ashby Road</u> <u>Loughborough LE11 3AQ UK</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 |
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| BSRIA Limited | Testing | UK | <p>BSRIA Limited Bracknell RG12 7AH United Kingdom</p> <p>Tel: +44 (0)1344 465600 Fax: +44 (0)1344 465626</p> <p>E-Mail: Arnold.Teekaram@bsria.co.uk</p> <p>Website: www.bsria.co.uk</p> |

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| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE |
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| <ul style="list-style-type: none"> FANS – POWERED SMOKE AND HEAT EXHAUST VENTILATIONS |



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

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|  CAMBRIDGE FIRE RESEARCH |

| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE |
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| <ul style="list-style-type: none"> • WALLS AND PARTITIONS • DOOR AND SHUTTER ASSEMBLIES • GLAZING • PENETRATION SEALS • LINEAR JOINT SEALS • BUILDING PRODUCTS |



| NAME | SCOPE | COUNTRY | ADDRESS |
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| 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 |
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| <ul style="list-style-type: none"> • FIRE RATED DOORS <ul style="list-style-type: none"> ➤ METAL & WOODEN DOORS(METAL OR WOODEN FRAME) ➤ STEEL CHUTE DOORS ➤ ROLLER STEEL DOORS ➤ GLAZED AND COMPOSITE DOORS • FIRE RATED PARTITIOND <ul style="list-style-type: none"> ➤ 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 |



| NAME | SCOPE | COUNTRY | ADDRESS |
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| 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 | | |
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| <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 |



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| CNPOB-PIB | Testing Certification | Poland | Ul . Nadwislanska 213 , 05-420 Jozefow , POLAND Website www.cnbop.pl Email jcw@cnbop.pl Tel: 0048227693347 Fax: 0048227693342 |

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| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE |
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| <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 |



| NAME | SCOPE | COUNTRY | ADDRESS |
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| 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 |
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| <ul style="list-style-type: none"> • FIRE DETECTION AND FIRE ALARM SYSTEMS :- <ul style="list-style-type: none"> ○ 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 |
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| 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 PIPE INSULATION
 - MINERAL FIBER BLANKET INSULATION
 - MINERAL FIBER BLANKET INSULATION FOR LIGHT FRAME CONSTRUCTION



| NAME | SCOPE | COUNTRY | ADDRESS |
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| 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 |
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| <ul style="list-style-type: none"> EMERGENCY LIGHTING (LITE) |



| NAME | SCOPE | COUNTRY | ADDRESS |
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| 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 | | |
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| <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 |



| NAME | SCOPE | COUNTRY | ADDRESS |
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| Efectis Era Avrasye | Testing | TURKEY | <p>TOSB TAYSAD Organize Sanayi Bölgesi 1.Cadde 15.Yol No:1 Şekerpınar/Çayırova KOCAELİ/TÜRKİYE 41420</p> <p>Tel: 00902626581662 Email: turkey@efectis.com Web: www.efectis.com</p> |

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| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | |
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| <ul style="list-style-type: none"> • GENERIC CONSTRUCTION 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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| 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 | | |
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| <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 SMOKEAND 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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| 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> |

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| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE |
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| <p><u>FIRE RESISTANCE TESTING PARTITIONS:</u></p> <p>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 |



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| 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 | |
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| <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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| FM Factory Mutual Research | Testing Certification | USA | <p>FM Factory Mutual 1151 Boston – providence turnpike , norwood , MA 02062 U.S.A</p> <p>Phone: 0017812554972 008522622658 009166940200</p> <p>Web: www.fmapprovals.com</p> |

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| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| <p><u>TESTING</u></p> <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 | <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 | <p><u>CERTIFCATION</u></p> <ul style="list-style-type: none"> FIRE FIGHTING FIRE PROTECTION COMBUSTIBLE GAS DETECTORS EXPLOSION PROTECTION PROTECTION AGAINST ELECTRIC SHOCK (LIVE WORKING) ALARM AND WARNING SYSTEMS ELECTRICAL AND WARNING SYSTEMS HOUSINGS , |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| <p>FOR THE DETECTION AND 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 | <p>FUME AND SMOKE EXHAUST DUCTS</p> <ul style="list-style-type: none"> WELDING PADS, WELDING BLANKETS AND WELDING CURTAINS FOR HOT WORK OPERATIONS 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 | <p>ENCLOSURES, OTHER MACHINE PARTS</p> <ul style="list-style-type: none"> IRON AND STEEL PIPES PLASTIC PIPS 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 | | |
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| <ul style="list-style-type: none"> CARBON DIOXIDE EXTINGUISHING SYSTEMS PIPE AND COUPLINGS; (PVC FOR UNDERGROUND FIRE SERVICE) 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>SYSTEMS</p> <ul style="list-style-type: none"> STANDARD FOR CATEGORY 3 AQUEOUS FILM-FORMING FOAM (AFFF) LIQUID CONCENTRATIONS STANDARD FOR CATEGORY 3 FILM-FORMING FLUOROPROTEIN (FFFP) FOAM LIQUID CONCENTRATES 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 | |



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| IFC Certification Ltd | Certification | UK | 20 Park Street, Princes Risborough Buckinghamshire, HP27 9AH, UK Tel : +44(0) 1844275500 Fax : +44(0) 1844274002 Email : info@ifccertification.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 DOOR SETS 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 ELECTRICALLY POWERED HOLD OPEN DEVICES FOR SWINGING DOORS NATURAL SMOKE AND HEAT EXHAUST VENTILATORS |



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| IMQ SpA | Testing Certification | Italy | <p>IMQ S.p.A. Via Quintiliano 43 20138 Milano</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> |

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| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE |
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| <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 |



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| 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 |
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| <ul style="list-style-type: none"> • CONTROL AND INDICATING EQUIPMENT • SOUNDERS • POWER SUPPLY • HEAT DETECTORS • SMOKE DETECTORS • MANUAL CALL 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 |



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| 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 | | |
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| <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 |



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| Intertek Testing Service | Testing | CHINA | <p>PLANT 7 , NO6958 DA YE ROAD FENGXIAN DISTRICT FENGXIAN DISTRICT SHANGHAI 201405</p> <p>T : 008618621640683</p> <p>EMAIL: KOBEXU@INTERTEK.COM</p> <p>WEBSITE : WWW.INTERTEK.COM</p> |

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| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE |
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| <ul style="list-style-type: none"> • 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 |



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| 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 | |
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| <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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| 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 | | |
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| <u>TESTING AND CERTIFICATION:-</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 – | <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 POWER SUPPLIES FIRE DAMPERS | <u>CERTIFICATION ONLY:-</u> <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 CONNECTORS SPECIAL FIRE DETECTORS |



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| <ul style="list-style-type: none"> POINT DETECTORS <ul style="list-style-type: none"> ○ SMOKE DETECTORS – POINT DETECTORS USING SCATTERED LIGHT OR IONIZATION ○ 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) | <ul style="list-style-type: none"> • MECHANICALLY OPERATED LOCKS, LATCHES AND LOCKING PLATES (INSTALLED IN FIRE / SMOKE PROTECTION DOORS) • ELECTROMECHANICALLY OPERATED LOCKS AND STRIKING PLATE (INSTAALED IN FIRE / SMOKE PROTECTION DOORS) • 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 | <ul style="list-style-type: none"> • PRESSURE GAUGES AND PRESSURE SWITCHES • 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) <p>TESTING ONLY:-</p> <ul style="list-style-type: none"> • INTERNAL PARTITION KITS FOR USE AS NON – LOADBEARING WALLS |
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| MATERIAL LAB | Testing | UAE | <p>AL QUOZE – DUBAI</p> <p>Telephone: (305) 885-3328 Facsimile: (305) 885-3329 Toll Free: (888) 819-7877</p> <p>E-Mail: MID@EIM.AE</p> <p>Web: www.MLAB.AE</p> |

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| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE |
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| <ul style="list-style-type: none"> • GLAZED ELEMENTS • FIRE RESISTANCE OF DOOR, SHUTTERS AND OPENABLE WINDOWS • BLOCKS WALL |



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| 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 | | |
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| <p><u>TESTING AND CERTIFICATION</u></p> <p>SMOKE AND HEAT CONTROL SYSTEMS</p> <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 SECTIONS • SMOKE CONTROL DAMPERS FIRE DAMPERS | <p><u>TESTING ONLY</u></p> <p>FIRE RESISTANCE TESTS</p> <ul style="list-style-type: none"> • ALTERNATIVE AND ADDITIONAL METHODS • VERIFICATION OF FURNACE PERFORMANCE • WALLS • BEAMS • PILLARS • BALCONIES AND ARCADES • RAISED ACCESS AND | <p><u>CERTIFICATION ONLY</u></p> <p>GYPSUM PRODUCTS WITH FIRE RESISTANCE REQUIREMENTS</p> <ul style="list-style-type: none"> • FIBROUS GYPSUM PLASTER CASTS • GYPSUM PLASTERBOARD THERMAL / ACOUSTIC INSULATION COMPOSITE PANELS • GYPSUM PLASTERBOARD PRODUCTS FROM REPROCESSING • PREFORMED PLASTERBOARD |



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| <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 WITH 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>CORNICES</p> <ul style="list-style-type: none"> • GYPSUM ELEMENTS FOR THERMAL / ACOUSTIC INSULATION COMPOSITE PANELS AND PLASTERBOARDS • GYPSUM BOARDS WITH MATREINFORCEMENT |
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| 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 | |
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| <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) |



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| 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 |
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| <ul style="list-style-type: none"> • EMERGENCY LUMINAIRES • CENTRAL POWER SUPPLY SYSTEMS FOR EMERGENCY LIGHTING |



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| 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 | |
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| <p><u>TESTING AND CERTIFICATION</u></p> <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 | <p><u>TESTING ONLY</u></p> <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 |




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| 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 |
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| <ul style="list-style-type: none"> FIRE DETECTION AND ALARM SYSTEM VOICE EVACUATION SYSTEM |



| NAME | SCOPE | COUNTRY | ADDRESS |
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| THOMAS BELL - WRIGHT | Testing Certification | UAE | Al Aweer industrial Area / No 81 25b St Community 613 / Dubai UAE Tel: 0097143332692 Fax: 0097143332693 E-Mail : tomb-w@bell-wright.com Website: www.bell-wright.com |

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| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | |
| <p><u>TESTING ONLY :-</u></p> <ul style="list-style-type: none"> • FIRE DOORS AND SHUTTERS • WALLS AND PARTITIONS – NON- LOADBEARING • CURTAIN WALLING • GLAZING • HOSE STREAM APPLICATION • FIRE PROPAGATION IN CLADDING / LARGE – SCALE FIRE PROPAGATION TESTING (NFPA 285) • BUILDING CONSTRUCTION COMPONENTS AND MATERIALS / FLAME SPREAD AND SMOKE DEVELOPMENT IN MATERIALS / REACTION TO FIRE – SURFACE BURNING CHARACTERISTICS (ASTEM E 84) | <p><u>CERTIFICATION ONLY:-</u></p> <ul style="list-style-type: none"> ➤ FIRE DOORS AND HARDWARE <ul style="list-style-type: none"> • TOUGHEN DOORS • WOODEN DOORS • COMPOSITE DOORS • FULLY GLAZED DOORS • DOOR HARDWARE ➤ FIRE RATED SEPARATING CONSTRUCTIONS <ul style="list-style-type: none"> • GYPSUM BASED WALL CONSTRUCTION (STEEL AND WOOD STUD), INSULATED AND UN-INSULATED • BLOCK WALLS AS LOAD AND NON-LOAD BEARING CONSTRUCTION TYPES • GLAZED FIXED AND OPENING WINDOWS • FULLY GLAZED PARTITIONS, FACADES AND SKYLIGHTS • SUSPENDED CEILING • FLOORS (TIMBER, CONCRETE, STEEL BASED AND GLAZED UNITS) • PERMANENT AND DEMOUNTABLE PARTITIONS |



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| TUV Rheinland | Testing Certification | Germany | <p>TÜV Rheinland LGA Products GmbH Tillystra 2, 90431 Nürnberg Germany</p> <p>Tel: +49 911 655-5227 Fax: +49 911 655 5226</p> <p>Email:</p> <p>Web: www.tuv.com</p> |

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



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| TÜV SÜD PSB Pte Ltd | Testing Certification | Singapore | <p>1 Science Park Drive, Singapore 118221, Singapore</p> <p>Tel: +65 6778 7777 Fax: +65 6779 7088</p> <p>Email: enquiries@tuv-sud-psb.sg</p> <p>Web: www.tuv-sud-psb.sg</p> |

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| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | |
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| <p><u>TESTING</u></p> <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 | <p><u>CERTIFICATION</u></p> <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 SAFETY SIGN (BS 5499) • FIRE EXTINGUISHER • BREECHING INLET • STANDBY HOSE |



PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

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| <ul style="list-style-type: none"> • FABRIC & FILM • BUILDING MATERIALS • DOORS • SHITTERS • PARTITIONS : WALL • ELECTRICAL CABLES • BUNCHED WIRES OR CABLES • FIRE RESISTANCE CABLE • CAST IRON PIPES AND FITTINGS • ROOF COVERINGS | <ul style="list-style-type: none"> • 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 • 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 / DUMB WAITER DOOR / HATCH DOOR • FIRE RATED HOPPER • INTUMESCENT COATING SYSTEM • UPVC WINDOW FRAME MATERIAL |
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| NAME | SCOPE | COUNTRY | ADDRESS |
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| 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 | | |
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| <u>TESTING</u> <ul style="list-style-type: none"> ACCESS TYPE FIRE DOORS ACOUSTICAL MATERIALS ADHESIVES – BUILDING PRODUCTS ADHESIVES – RESISTANCE AIR DUCTS AIR TERMINAL UNITS BATTS AND BLANKETS BUILDING UNITS BUILDING UNITS AND/OR WALK-IN FREEZER PANELS CABINETS CAULKING AND SEALANTS CEILING AIR DIFFUSERS CEILING DAMPERS | <ul style="list-style-type: none"> MEDIUM DENSITY FIBER BOARDS MINERAL AND FIBER BOARDS MINERAL AND FIBER BOARDS - BUILDING PRODUCTS MOLDED INTUMESCENT RINGS COMPONENTS MOLDED PLASTICS MOLDED PLASTIC - RESISTANCE NONMETALLIC PLUMBING SYSTEM COMPONENTS OUTLET BOXES AND FITTINGS PASSENGER ELEVATOR TYPE FIRE DOORS PERLITE AGGREGATE PIPE AND EQUIPMENT COVERINGS | <u>CERTIFICATION</u> <ul style="list-style-type: none"> DISCRETE PRODUCTS FOR USE IN AIR-HANDLING SPACES/PLENUMS DOOR CONSTRUCTION MATERIALS FIRE PROTECTIVE CURTAINS FIRE RESISTIVE CABLES FOAMED PLASTIC INSULATED GARAGE DOORS HEAD OF WALL MARINE - INTERIOR FINISH MARINE - NON-COMBUSTIBLE SCBA AND SCUBA AIR CYLINDER FILL STATION ASPHALT GLASS MAT SHINGLES (HIGH SLOPE) |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| <ul style="list-style-type: none"> • CEMENTITIOUS CEMENT AND PLASTER MIXTURES • CHUTE TYPE FIRE DOORS • COATINGS - FIRE RETARDANTS • COATINGS - GENERAL PURPOSE • CONCRETE BLOCKS • CURTAIN TYPE FIRE DOORS • DUMBWAITER TYPE FIRE DOORS • ENCAPSULANT MATERIALS • FIBER, SPRAYED • FIBER REINFORCEMENT AND CONCRETE ADDITIVES • FILL, VOID OR CAVITY MATERIALS • FIRE AND SMOKE DAMPER • FIRE DAMPER • FIRE DOOR LOUVERS • FIRE RETARDANT TREATMENT CHEMICALS • FIRESTOP DEVICES • FIRESTOP SYSTEM COMPONENTS • FLAME RESISTANT TENT FABRICS • FLOOR ACCESS DOORS • FLOOR MAT MATERIALS • FOAMED PLASTIC • FOAMED PLASTICS - THERMOPLASTIC • FORMING MATERIALS • FRAMING MEMBERS • FREIGHT ELEVATOR-STEEL-PANEL, | <ul style="list-style-type: none"> • PASSENGER ELEVATOR DOOR HARDWARE • PRECAST AUTOCLAVED CONCRETE BLOCKS • PRECAST CONCRETE UNITS • PREFINISHED WOOD PARTICLEBOARD • PRIMERS FOR STRUCTURAL STEEL • REFLECTIVE INSULATION & SHEET RADIANT BARRIERS • REINFORCED PLASTIC • ROLLING-STEEL TYPE DOORS • SEALANTS • SERVICE COUNTER TYPE FIRE DOORS • SEALS FOR USE IN SMOKE DAMPERS • SHEATHING MATERIAL - FILM • SHEATHING MATERIAL – LAMINATED • SLIDING TYPE FIRE DOORS • SMOKE DAMPER • SPECIAL PURPOSE PANELS • SPRAY-APPLIED FIRE-RESISTIVE MATERIALS • SPRAYED FIBER - BUILDING PRODUCTS • STEEL FLOOR AND FORM UNIT ACCESSORIES • STRUCTURAL CONCRETE FIBER-REINFORCED COMPOSITE SYSTEMS • THERMAL BARRIER COATINGS • THROUGH PENETRATING MATERIALS • TREATED LUMBER AND/OR TREATED PLYWOOD | <ul style="list-style-type: none"> RESIDENTIAL) • ASPHALT GLASS MAT SHINGLES (HIGH SLOPE RESIDENTIAL) • ALL ROOFING MATERIALS TYPES MEMBRANE, PANELS AND SHINGLES (LOW SLOPE COMMERCIAL AND HIGH SLOPE RESIDENTIAL) • SHINGLE UNDERLAYMENT • RIDGE VENTS • METAL ROOF EDGE SYSTEMS • ADHESIVES FOR JOINING COPPER TUBE • AGENTS FOR USE ON COMBUSTIBLE METALS • AIR COMPRESSORS, SPECIAL TYPE • AIR RELEASE VALVES FOR FIRE PUMPS • ANTIFREEZE SOLUTION EXTINGUISHERS • ATTACHMENTS TO SPRINKLER SYSTEMS • BACKFLOW SPECIAL CHECK VALVE • BALL VALVES, SYSTEM CONTROL • BUTTERFLY VALVES • CAPS FOR FIRE DEPARTMENT CONNECTIONS • CARBON DIOXIDE EXTINGUISHERS • CARBON DIOXIDE EXTINGUISHERS, SEMI-PORTABLE, MARINE • CARBON DIOXIDE EXTINGUISHING SYSTEM UNITS, MARINE |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| <p>HOLLOW-METAL AND METAL CLAD TYPE FIRE DOORS</p> <ul style="list-style-type: none"> • GENERAL USE TAPES • GLASS BLOCKS • GLAZING MATERIALS - RESISTANCE • GYPSUM BOARD • GYPSUM BOARD - BUILDING PRODUCTS • LAMINATED PLASTIC • LIGHT GAUGE FRAMING • LIGHTING FIXTURES • LOOSE FILL MATERIALS - BUILDING PRODUCTS • LUMINAIRES, LUMINAIRE ASSEMBLIES AND LUMINAIRE ENCLOSURES CLASSIFIED FOR FIRE RESISTANCE • MASTIC AND INTUMESCENT COATINGS • MASTIC AND INTUMESCENT COATINGS - FIRE STOPS • MAT MATERIALS • MECHANICAL JOINT ASSEMBLIES • METAL, FIBER-CEMENT, PLASTIC, PHOTOVOLTAIC (SOLAR) MODULES/SHINGLES OR FIRE RETARDENT-TREATED WOOD (HIGH SLOPE RESIDENTIAL OR COMMERCIAL) • SHINGLE | <ul style="list-style-type: none"> • VERMICULITE AGGREGATE • WALL AND PARTITION FACINGS AND ACCESSORIES • WALL COVERINGS • WALL OPENING PROTECTIVE MATERIALS • WATER RESISTIVE BARRIERS - HOUSE WRAPS • WEATHER BARRIERS • WINDOW FRAMES • WOOD PARTICLEBOARD • WOOD SASH MEMBERS • WATER RESISTIVE BARRIERS - HOUSE WRAPS • WEATHER BARRIERS • ASPHALT GLASS MAT SHINGLES (HIGH SLOPE RESIDENTIAL) • ASPHALT GLASS MAT SHINGLES (HIGH SLOPE RESIDENTIAL) • ASPHALT GLASS MAT SHINGLES (HIGH SLOPE RESIDENTIAL) • METAL, FIBER-CEMENT, PLASTIC, PHOTOVOLTAIC (SOLAR) MODULES/SHINGLES OR FIRE RETARDENT-TREATED WOOD (HIGH SLOPE RESIDENTIAL OR COMMERCIAL) • ROOFING ADHESIVES • BUILDING UNITS • FRAMING MEMBERS • METAL, FIBER-CEMENT, PLASTIC, PHOTOVOLTAIC (SOLAR) MODULES/SHINGLES OR FIRE RETARDENT-TREATED WOOD (HIGH SLOPE RESIDENTIAL OR | <ul style="list-style-type: none"> • CARBON DIOXIDE SYSTEM UNITS, GENERAL USE • CARBON DIOXIDE SYSTEM UNITS, HAND HOSE LINE • CARBON DIOXIDE SYSTEM UNITS, LOCAL APPLICATION • CARBON DIOXIDE SYSTEM UNITS, SPECIAL APPLICATION • CARBON DIOXIDE SYSTEM UNITS, TOTAL FLOODING • CENTRIFUGAL FIRE PUMPS, END SUCTION • CENTRIFUGAL FIRE PUMPS, IN-LINE • CENTRIFUGAL FIRE PUMPS, RESIDENTIAL • CENTRIFUGAL FIRE PUMPS, SPLIT CASE • CENTRIFUGAL FIRE PUMPS, VERTICAL TURBINE • CHECK VALVES • CHLORINATED POLYVINYL CHLORIDE PIPE • CLEAN AGENT EXTINGUISHERS • CLEAN AGENT EXTINGUISHERS, PORTABLE, MARINE • CLEAN AGENT EXTINGUISHING SYSTEM UNITS • CLEAN AGENT EXTINGUISHING SYSTEM UNITS WITH STORAGE CONTAINERS MANUFACTURED TO AN INTERNATIONAL STANDARD • CLEAN AGENT |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| <p>UNDERLAYMENT</p> <ul style="list-style-type: none"> • SHINGLE UNDERLAYMENT • SHINGLE UNDERLAYMENT • ROOFING ADHESIVES OR COATINGS • TYPE 15 SATURATED FELT • TYPE 30 SATURATED FELT • TYPE G1 BASE/PLY SHEET • TYPE G2 BASE/PLY SHEET • TYPE G3 MINERAL SURFACED CAP SHEET • MINERAL AND FIBER BOARDS • GYPSUM BOARD • FOAM PLASTIC (INSULATION) • BASE/PLY SHEETS • MEMBRANE (MODIFIED BITUMEN) • SINGLE PLY MEMBRANE (EPDM) • SINGLE PLY MEMBRANE (TPO) • SINGLE PLY MEMBRANE (PVC) • ROOFING ADHESIVES OR COATINGS • TYPE 15 SATURATED FELT • TYPE 30 SATURATED FELT • TYPE G1 BASE/PLY SHEET • TYPE G2 BASE/PLY SHEET • TYPE G3 MINERAL SURFACED CAP SHEET • MINERAL AND FIBER | <p>COMMERCIAL)</p> <ul style="list-style-type: none"> • ROOF COATINGS • FOAM PLASTIC (INSULATION) • METAL PANELS • MINERAL AND FIBER BOARDS • PANEL CLIPS • STRUCTURAL CEMENT-FIBER UNITS • GYPSUM BOARD • SPRINKLER AIR PRESSURE MAINTENANCE DEVICES, AUTOMATIC • SPRINKLER BRANCH LINE TESTERS • GUARDS FOR SPRINKLERS • FIXED SPRAY TYPE NOZZLES • RESIDENTIAL AUTOMATIC SPRINKLERS • SPRINKLER ACCESSORIES • SPRINKLER ESCUTCHEONS • SPRINKLER, AUTOMATIC AND OPEN – COMPONENT • OUTSIDE SPRINKLERS • ALARM VALVES • AIR PRESSURE MAINTENANCE DEVICES, AUTOMATIC • ATTACHMENTS TO SPRINKLER SYSTEMS • BRANCH LINE TESTERS | <p>EXTINGUISHING SYSTEM UNITS, MARINE</p> <ul style="list-style-type: none"> • CONTAINERS FOR FOAM LIQUID CONCENTRATES – COMPONENT • COVER SYSTEMS FOR SPRINKLER PIPING • CPVC SPRINKLER PIPE AND FITTINGS • CROSS-LINKED POLYETHYLENE PIPE • CYLINDERS FOR CARBON DIOXIDE EXTINGUISHERS - COMPONENT • DRAIN FITTINGS, SPECIAL TYPE • DRY CHEMICAL EXTINGUISHERS, HAND AND WHEELED, REBUILT • DRY CHEMICAL EXTINGUISHERS, SEMI-PORTABLE, MARINE • DRY CHEMICAL EXTINGUISHERS, WHEELED, MARINE • DRY CHEMICALS FOR FIRE EXTINGUISHERS – COMPONENT • DRY-CHEMICAL EXTINGUISHERS, HAND AND WHEELED • DRY-CHEMICAL EXTINGUISHING AGENTS FOR RECHARGING FIRE EXTINGUISHERS • DRY-CHEMICAL EXTINGUISHING SYSTEM UNITS, HAND HOSE LINE TYPE • DRY-CHEMICAL EXTINGUISHING SYSTEM UNITS, PRE-ENGINEERED |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| BOARDS <ul style="list-style-type: none"> • GYPSUM BOARD • FOAM PLASTIC (INSULATION) • BASE/PLY SHEETS • MEMBRANE (MODIFIED BITUMEN) • SINGLE PLY MEMBRANE (EPDM) • SINGLE PLY MEMBRANE (TPO) • SINGLE PLY MEMBRANE (PVC) • CENTRAL STATION FIRE ALARM • FIRE PUMP | | TYPE <ul style="list-style-type: none"> • DUCTILE-IRON PIPE • EXPANSION CHAMBERS • EXTINGUISHERS AND AGENTS FOR USE ON COMBUSTIBLE METALS • EXTINGUISHERS AND EXTINGUISHING SYSTEM UNITS; CLEAN AGENT EXTINGUISHING SYSTEM UNITS - UNLISTED COMPONENT • EXTINGUISHERS AND EXTINGUISHING SYSTEM UNITS; CYLINDERS FOR EXTINGUISHERS • EXTINGUISHERS AND EXTINGUISHING SYSTEM UNITS; SPECIAL PURPOSE FIRE EXTINGUISHERS • EXTINGUISHERS, CARBON DIOXIDE, PORTABLE, MARINE • EXTINGUISHERS, HAND AND WHEELED FOR USE ON COMBUSTIBLE METALS • EXTINGUISHERS, STATIONARY FOR USE ON COMBUSTIBLE METALS • EXTINGUISHING SYSTEM PARTS • FASTENERS FOR PIPE HANGERS, POWDER DRIVEN • FIBERGLASS PIPE • FIRE DEPARTMENT CONNECTIONS • FIRE PUMP FLOW TESTING EQUIPMENT • FIRE PUMP RELIEF VALVES • FITTINGS, ACCESSORY |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| | | <ul style="list-style-type: none"> • FITTINGS, CAST IRON, DUCTILE IRON, MALLEABLE IRON AND BRONZE • FITTINGS, GROOVED AND PLAIN END • FITTINGS, MALLEABLE • FITTINGS, PVC AND FIBERGLASS REINFORCED EPOXY • FITTINGS, RETAINER TYPE • FITTINGS, RUBBER GASKETED • FITTINGS, UNION • FITTINGS, WELDED OUTLET • FLEXIBLE SPRINKLER HOSE FITTINGS • FLOOR CONTROL VALVE AND TEST ASSEMBLY • FLOWMETERS FOR FIRE PUMPS • FOAM DISCHARGE OUTLETS • FOAM EXTINGUISHING SYSTEM UNITS, HAND HOSE LINE TYPE • FOAM EXTINGUISHING SYSTEM UNITS, HAND HOSE LINE TYPE, MARINE • FOAM FIRE EXTINGUISHERS CLASSIFIED IN ACCORDANCE WITH INTERNATIONAL PUBLICATIONS • FOAM FIRE EXTINGUISHERS, HAND AND WHEELED • FOAM FIRE EXTINGUISHERS, HAND AND WHEELED, MARINE |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| | | <ul style="list-style-type: none"> • FOAM FIRE EXTINGUISHERS, SEMI-PORTABLE, MARINE • FOAM LIQUID CONCENTRATES • FOAM LIQUID CONCENTRATES, MARINE • FOAM MAKERS, FIXED • FOAM MONITORS • FUSIBLE LINKS • GASKETED MECHANICAL COUPLINGS • GASKETS FOR USE WITH CAST IRON AND DUCTILE-IRON PIPE WITH MECHANICAL JOINTS – COMPONENT • GATE VALVES • GAUGES, PRESSURE AND LIQUID LEVEL • GENERATORS, HIGH-EXPANSION FOAM • HALOGENATED AGENT EXTINGUISHING SYSTEM UNITS • HALOGENATED AGENT EXTINGUISHING SYSTEM UNITS, MARINE • HALOGENATED AGENT EXTINGUISHING SYSTEM UNITS, REBUILT • HALON AGENTS FOR FIRE EXTINGUISHERS AND EXTINGUISHING SYSTEM UNITS - COMPONENT • HAND HOSE LINE TYPE • HANGERS, PIPE • HANGERS, PIPE CERTIFIED FOR CANADA • HEATING CABLE SYSTEMS FOR USE ON FIRE PROTECTION SYSTEM |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| | | <p>PIPING</p> <ul style="list-style-type: none"> • HIGH-EXPANSION FOAM-EXTINGUISHING SYSTEM EQUIPMENT AND CONCENTRATES • HOSE CABINETS, RACKS AND REELS • HOSE CABINETS, RESIDENTIAL • HOSE VALVES • HYDRANTS • INDICATOR POSTS, BUTTERFLY VALVE • INDICATOR POSTS, GATE VALVE • INDICATOR POSTS, GATE VALVE CERTIFIED FOR CANADA • INTERNAL COMBUSTION ENGINES FOR DRIVING CENTRIFUGAL FIRE PUMPS • INTERNAL COMBUSTION ENGINES WITH CONTROLLERS FOR DRIVING CENTRIFUGAL FIRE PUMPS • LIQUEFIED GAS TYPE EXTINGUISHERS, PORTABLE, MARINE • LIQUID CONCENTRATE, HIGH-EXPANSION FOAM • LIQUIFIED GAS TYPE EXTINGUISHERS • METER ASSEMBLIES • NIPPLES, ADJUSTABLE DROP • NOZZLES, FIXED SPRAY, FOAM • NOZZLES, HOSE STREAM • NOZZLES, SPRAY HOSE, PORTABLE |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| | | <ul style="list-style-type: none"> • PEX SPRINKLER PIPE AND FITTINGS • PIPE, FABRICATED DUCTILE IRON • PLAY PIPES • POLYMERIC MATERIALS FOR USE WITH CPVC SPRINKLER PIPE AND FITTINGS - COMPONENT • POLYMERIC MATERIALS, SOLVENT CEMENTING SYSTEMS FOR USE WITH CPVC SPRINKLER PIPE AND FITTINGS - COMPONENT • POLYVINYL CHLORIDE ORIENTED PIPE • POLYVINYL CHLORIDE PIPE • PRESSURE GAUGES FOR EXTINGUISHERS AND EXTINGUISHING SYSTEM UNITS - COMPONENT • PRESSURE REDUCING DEVICES • PROPORTIONERS, FOAM CONCENTRATE • PUMPS, EXCESS PRESSURE • PUMPS, FOAM CONCENTRATE • PUSH-ON JOINT GASKET MATERIAL FOR PIPE – COMPONENT • QUICK OPENING DEVICES ACCELERATORS AND EXHAUSTERS • REGULAR TYPE METERS • REINFORCED CONCRETE PIPE • RESIDENTIAL AUTOMATIC DOMESTIC WATER |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| | | <p>SHUTTOFF VALVES</p> <ul style="list-style-type: none"> • RESIDENTIAL COOKING FIRE EXTINGUISHERS • RESIDENTIAL FIRE METERS • RESIDENTIAL RANGE TOP EXTINGUISHER UNITS • ROOF MANIFOLDS • SELF-CONTAINED AUTOMATIC EXTINGUISHER UNITS • SELF-CONTAINED AUTOMATIC EXTINGUISHING UNITS, MARINE • SPECIAL SYSTEM WATER CONTROL DOUBLE INTERLOCK • SPECIAL SYSTEM WATER CONTROL VALVES - ASSEMBLED UNITS • SPECIAL SYSTEM WATER CONTROL VALVES - FLOW CYCLING • SPECIAL SYSTEM WATER CONTROL VALVES, DELUGE TYPE • SPECIAL SYSTEM WATER CONTROL VALVES, FOR USE WITH HIGH SPEED WATER SPRAY SYSTEMS • SPECIAL SYSTEM WATER CONTROL VALVES, PRESSURE CONTROL TYPE • SPRINKLERS, FOAM-WATER • STEEL SPRINKLER PIPE • STRAINERS, PIPELINE • SUPPORT DEVICES FOR THERMOPLASTIC SPRINKLER PIPING • SURGE SUPPRESSORS, |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| | | <p>HYDRAULIC</p> <ul style="list-style-type: none"> • SWAY BRACE DEVICES, CABLE TYPE FOR SPRINKLER SYSTEMS • SWAY BRACE DEVICES, RIGID TYPE FOR SPRINKLER SYSTEMS • TAMPER SEALS FOR FIRE EXTINGUISHERS – COMPONENT • UNDERGROUND ACCESSORY FITTINGS • VALVE ASSEMBLIES FOR USE WITH DISPOSABLE-TYPE FIRE EXTINGUISHERS – COMPONENT • VALVES, AUTOMATIC DRAIN • VALVES, DRY PIPE • VALVES, SYSTEM PRESSURE RELIEF • VALVES, TRIM AND DRAIN • WATER ADDITIVES • WATER ASSISTED WET CHEMICAL SOLUTION EXTINGUISHING SYSTEM UNITS • WATER EXTINGUISHERS, EXPELLANT GAS OPERATED • WATER EXTINGUISHERS, PUMP TANKS • WATER MIST NOZZLES • WATER MIST PUMPS • WATER MIST STRAINERS • WATER SERVICE LINE VALVES AND FITTINGS, UNDERGROUND • WATER SPRAY FIRE EXTINGUISHERS • WET CHEMICAL FIRE EXTINGUISHERS |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| | | <ul style="list-style-type: none"> • WET CHEMICAL SOLUTION EXTINGUISHING SYSTEM UNITS • WETTING AGENTS • ALARM EQUIPMENT & SIGNAL APPLIANCES - EMERGENCY • ALARM EQUIPMENT & SIGNAL APPLIANCES - NON-EMERGENCY • AUDIO AMPLIFIERS FOR VOICE • FIRE ALARM CONTROL UNIT • ALTERNATE TRANSFORMER • AUDIBLE MODULES - BELLS/HORNS/MICROPHONES • COMPUTER (ITE) LISTED • INITIATING LOOP MODULES • KEY PAD • MASS NOTIFICATION SYSTEM • MONITOR LCD • OTHER ACCESSORY • RELEASING DEVICE PRODUCT • RELEASING PANEL • REMOTE ANNUNCIATOR ONLY LAMPS/PRINTERS • REMOTE ANNUNCIATOR WITH ELECTRONIC CIRCUITS • REMOTE FIRE TELEPHONES • REMOTE NAC EXTENDER • SMOKE CONTROL MODULE • SMOKE CONTROL PANEL |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| | | <ul style="list-style-type: none"> • SOFTWARE • STROBE SYNC MODULES • FIRE ALARM REPLACEMENT PARTS • BATTERY CHARGER • COMBINATION POWER SUPPLY UNIT & BATTERY CHARGER • POWER SUPPLY UNIT • AUDIBLE SIGNALS • DUCT DETECTOR (BOTH SAMPLING TUBE IN IN- DUCT TYPES) • GAS DETECTORS, RESIDENTIAL AND RECREATIONAL VEHICLE • GAS AND VAPOR DETECTORS • HEAT DETECTOR • SMOKE DETECTORS EVALUATED TO UL 268 (POINT TYPE, AIR SAMPLING, BEAM, MULTI-CRITERIA, RF) • VIDEO SMOKE DETECTORS • BOXES (PULL STATIONS, PULL STATION COVERS) EVALUATED TO UL 38 • COMBINATION SMOKE AND CARBON MONOXIDE ALARMS • HEAT ALARMS • SINGLE AND/OR MULTIPLE CARBON MONOXIDE ALARMS • SMOKE ALARMS • VISUAL SIGNAL DEVICES • SPEAKERS • ACCESS CONTROL READER • ACCESS CONTROL UNIT • ACCESS CONTROL UNIT - |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| | | <p>SUBASSEMBLY/ACCESSORY</p> <ul style="list-style-type: none"> • DOOR CONTROLLER/LOCK • BULLET RESISTANT GLAZING MATERIALS (CVYU) • GLAZING MATERIAL - GLASS (COGT) • BULLET RESISTANT METALS AND PLASTICS (CNLW) • MISCELLANEOUS-BULLET RESISTANT DEVICE • BURGLARY AND SECURITY LOCAL CONTROL UNIT • BURGLARY AND SECURITY LOCAL CONTROL UNIT - SUBASSEMBLY/ACCESSORY • CENTRAL STATION AUTOMATION SOFTWARE • COMMERCIAL BURGLARY AND SECURITY RECEIVING STATION • HOUSEHOLD BURGLARY CONTROL UNIT • POWER SUPPLY • ANTI-THEFT DEVICES • BURGLARY-RESISTANT ELECTRIC LOCK • COMBINATION LOCK • HIGH SECURITY ELECTRONIC LOCKS, TYPE 1 • HIGH SECURITY ELECTRONIC LOCKS, TYPE 1 – COMPONENT • KEY LOCKS • LOCKS FOR SAFE DEPOSIT BOXES • TIME LOCK • DIGITAL VIDEO SECURITY |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| | | <p>CAMERA</p> <ul style="list-style-type: none"> • PENDANT • CONNECTORS AND SWITCHES FOR USE WITH BURGLAR ALARM SYSTEM • INTRUSION DETECTION UNIT • VIBRATION DETECTOR • PANIC HARDWARE DEVICES AND EXIT LOCK • PHYSICAL SECURITY BARRIERS • RESCUE TOOL - COMBINATION TOOL • RESCUE TOOL – CUTTER • RESCUE TOOL – HOSE • RESCUE TOOL - POWER UNIT - GAS OR ELECTRIC • RESCUE TOOL – RAM • HOME HEALTH CARE SIGNALING EQUIPMENT • POWER PACKS - PLUG-IN AC TYPE • RESIDENTIAL FIRE CONTROL UNIT • RESIDENTIAL FIRE CONTROL UNIT - SUBASSEMBLY/ACCESSORY • SOUNDING DEVICE - UL LISTED • ATM SYSTEM • AUTOMATED TELLER MACHINE SECURITY CONTAINER - 24 HOURS LEVEL 1 • AUTOMATED TELLER MACHINE SECURITY CONTAINER - 24 HOURS LEVEL 2 • AUTOMATED TELLER MACHINE SECURITY |



| PRODUCTS ACCEPTABLE TO CIVIL DEFENCE | | |
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| | | <p>CONTAINER - BUSINESS HOURS</p> <ul style="list-style-type: none"> • CLASS TL - 15 SAFE • CLASS TL – 30 • CLASS TL - 30 X 6 • CLASS TRTL - 15 X 6 SAFE • CLASS TRTL - 30 SAFE • CLASS TRTL - 30 X 6 SAFE • CLASS TRTL - 60 X 6 SAFE • COMPONENT IN BURGLARY SAFES AND CHESTS • NIGHT DEPOSITORY - MANUAL ONLY • NIGHT DEPOSITORY ELECTRICALLY OPERATED • NIGHT DEPOSITORY SECONDARY DEFENSE DEVICE – MANUAL • RESIDENTIAL SECURITY CONTAINER/GUN SAFE • VAULT DOOR • VAULT PANEL • VAULT VENTILATING PORT |



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| 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 | |
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| <ul style="list-style-type: none"> ACCESS TYPE FIRE DOORS ACOUSTICAL MATERIALS 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 | <ul style="list-style-type: none"> SPRAYED FIBER REINFORCEMENT AND CONCRETE 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 GIPSUM BOARD LAMINATED PLASTIC LIGHT GAUGE FRAMING LIGHTING FIXTURES |



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| <ul style="list-style-type: none"> • 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"> • 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 |
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| 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 |
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| <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 |
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| Warrington Certification Limited | Certification | UK | Holmesfield Road , Warrington , Cheshire WA1 2DS Website www.warringtonfire.net Email EWCL@exova.com Tel:00441925655116 Fax:00441925646667 |

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PRODUCTS ACCEPTABLE TO CIVIL DEFENCE

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| <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 |
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