

LPCB Red Book



Part: 3

**Automatic sprinkler, water spray
and deluge systems**

bre

Introduction

BRE Global Ltd, based in the UK near London, is an independent third party organisation offering certification of fire, security and sustainability products and services to an international market. LPCB is the certification brand used for fire and security products and services. The LPCB mark is accepted worldwide. We have representative offices in China, India and Dubai. We are owned by the BRE Trust, a not-for-profit organisation.

LPCB listings can be accessed, free of charge, at www.redbooklive.com. BRE Global additionally carries out:

- Fire Investigation
- Fire Risk Assessment
- Fire Safety Engineering
- Research
- Training

LPCB Listings

Listings are given in sections which list related groups of products and services such as suppression, security and so on. Each section also summarises the technical basis for the certification of each product or service. The Red Book listings should always be used in conjunction with rules, regulations and design specifications required by the relevant Authority having jurisdiction.

Listings comprise:

Volume 1:

- Fire detection and alarm products, systems, and cables
- Manual fire extinguishing equipment
- Automatic sprinkler, water spray and deluge systems
- Fixed fire fighting products and systems
- Watermist systems
- Related installers

Volume 2:

- Passive fire protection products
- Security protection products
- Fire doors and shutters
- Smoke and fire ventilation systems
- Security Assessments
- SABRE
- Related installers
- Management Systems
- Construction products

Listings are given in the name of the manufacturer or service provider, in alphabetical order. They can be downloaded free of charge from our website at www.redbooklive.com

Updates

Certification of products and services are updated regularly. To ensure that you are using the most up to date information please refer to www.redbooklive.com.

What is Third Party Certification?

A frequent concern of stakeholders is in knowing whether a product will perform in accordance with the

FOR SPECIFIERS AND REGULATORS:

stated specifications. These concerns can involve such product attributes as safety, health or environmental impacts, durability, compatibility, suitability for intended purposes or for stated conditions, and other similar considerations. These issues can all be addressed through product certification.

Third party certification is a conformity assessment process, carried out by a body that is independent of both supplier and customer organisations. It provides confirmation that products and services have met and will continue to meet the requirements of specified standards and other normative documents.

LPCB third party product certification schemes are quality assurance schemes and comprise initial type testing and technical evaluation, assessment and surveillance of the manufacturer's quality system and factory production procedures, regular audit testing, labelling and listing.

Similarly, LPCB schemes for suppliers of services (installers) are also quality assurance schemes comprising a technical assessment of an installer's capability, assessment and surveillance of the installer's quality system and production procedures, regular inspection of completed installations and listing.

Benefits of Third Party Certification

For specifiers, regulators, insurers, manufacturers and installers, the benefits of an LPCB approval are:

For specifiers and regulators:

- Risk reduction - specifying LPCB approved products and services demonstrates due-diligence and best endeavour and mitigates against possible accusations of negligence.
- Avoidance of costly mistakes - you can trust LPCB approved products and services to conform each and every time.
- Time - using Red Book Live to search for and assess products and services can save you time.

For manufacturers and installers:

- Increased global sales - LPCB approval is recognised and specified widely throughout the world. In some territories LPCB approval is a mandatory requirement.
- Added value of the product or service - LPCB approved products and services are recognised as providing added value given their ability to conform each and every time.
- Reduced liability - LPCB approved products and services demonstrate due-diligence which can reduce liability for both you and your customers.

What does LPCB Certification offer?

LPCB certification is carried out against Loss Prevention Standards (LPS's). These LPS's include reference to BS, EN or ISO standards as appropriate. LPCB certification are level 5 schemes as detailed in ISO/ IEC 17067 with the added requirement to have a quality system certificated to ISO 9001.

The technical requirements of LPCB schemes are given in the Loss Prevention Standards (LPSs). These documents are drafted by LPCB technical experts in conjunction with appropriate external experts. They are then peer reviewed by representatives from trade bodies, regulators, insurers, specifiers, manufacturers and other suppliers. Finally these documents are approved for use by the BRE Global Governing Body; the Body that oversees all of the certification activities of BRE Global.

Product schemes comprise:

- Initial type testing and evaluation of product.
- Approval and surveillance of the manufacturer's (or supplier's) quality management system to ISO 9001
- Assessment and surveillance of the manufacturer's (or supplier) factory production control system (FPC).
- Periodic audit testing of the product from either the factory or marketplace.
- Labelling or marking as appropriate.

INSTALLER SCHEMES COMPRISE:

- Listing on Red Book Live

Installer schemes comprise:

- Technical assessment of the installation contractor's capability.
- Approval and surveillance of the contractor's quality management system to ISO 9001 or assessment against the requirements of the relevant Loss Prevention Standard where ISO 9001 is not appropriate.
- Regular surveillance inspections of on-going installations.
- The issue of Certificates of Conformity by the installer to demonstrate compliance for each installation.
- Listing in the Red Book.

The LPCB Mark - the Mark you can trust

After certification of a product or service the manufacturer or service provider may place the LPCB certification mark, as shown below, on the product, packaging and literature etc.

Where LPCB holds accreditation through the United Kingdom Accreditation Service (UKAS), the certified company may include the UKAS symbol (the Crown and Tick) alongside the LPCB mark for certain applications e.g. promotional literature or material and stationery, as shown below.

(Full details of LPCB accreditation can be found on the UKAS website at www.ukas.com)

Where for reasons of space or cost the use of the above full mark is not practical, then the following simplified mark may be applied directly to the product (for some schemes only). The LPCB scheme rules define how and where the marks can be used.

Part 3

*Automatic sprinkler, water spray
and deluge systems*

AUTOMATIC SPRINKLER, WATER SPRAY AND DELUGE SYSTEMS

introduction text from db for Automatic sprinkler *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers.*

Introduction to LPS 1175

With much attention being placed on the role of emerging technologies in the fight against crime and terrorism, it is often easy to become detracted from the basics. However, good physical security is the bedrock of effective security. Without the delay to intrusion provided by effective physical security, detection simply tells you the intruder has been and gone. It is therefore always important to ensure suitable physical security measures are in place and that those measures provide sufficient delay to enable the intruder to be detected and a suitable response mounted to apprehend the intruder.

The delay provided by physical security products and systems is typically measured in terms of the tools and time required to achieve entry through those products and systems. These combine to indicate the effort required by an intruder to gain unauthorised access through the physical security barrier.

Using products and systems that achieve a higher rating, or using a layered approach to physical security, can greatly increase the effort an intruder needs to exert to gain entry. That effort extends beyond the physical work required to overcome the physical security barriers. It also includes the effort required to plan and prepare for the attack. The greater the level of planning and preparation a criminal must invest in to conduct a successful attack, the less likely that criminal will consider the return on their investment will be sufficient to warrant attempting that attack.

As the security ratings increase, the size and weight of tools used increases. Using larger, heavier tools increases an intruders likelihood of being detected through natural surveillance. They can also slow down the intruder if they need to carry those tools onto the site being attacked. This also increases the risk to the intruder of being caught. The greater that risk, the less likely the criminal is to conduct the attack in the first instance.

So how do security managers and other specifiers confirm whether a physical security product will afford a suitable delay against the tools and techniques likely to be employed by a determined intruder?

LPS 1175 Requirements and testing procedures for the LPCB approval and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers confirms the resistance to forced entry provided by security products, systems and building materials.

While Issues 6 and 7 specified eight levels of resistance (security ratings), the latest version (Issue 8) defines a performance classification formed of the following two elements:

- Threat level (first element) - Letter (A to H) corresponding with the tool kit used to evaluate the products intruder resistance and the number of attackers involved.
- Delay (second element) - Numeric value (1, 3, 5, 10, 15 or 20) corresponding with the minimum delay (in minutes) provided by the product when placed in a locked condition.

LPS 1175 covers the broadest scope of forced entry threat scenarios involving intruders that have little regard to the noise they make during attempts to achieve unauthorised access to assets, property and people. It also covers the broadest scope of physical security products and services of any publicly available standard in the world. This includes, but is certainly not restricted to, the following types of product:

· Access covers	· Garage doorsets	· Security screens
· Cladding systems	· Hinged doorsets	· Sheds and tool stores
· Containers	· Grilles	· Skylights
· Curtain walling systems	· Modular buildings	· Sliding doorsets
· Enclosures	· Partitioning systems	· Strongpoints
· Entrance portals	· Revolving doorsets	· Vehicles
· Fences and gates	· Roofing systems	· Walling systems
· Folding doorsets	· Security cabinets	· Windows

The classification system defined in LPS 1175 Issue 8 supports a layered approach to security, enabling the delay provided by products forming each layer of security to be determined against a common threat.

Further information on the security rating system and attack tools can be found in the standard itself, which can be downloaded for free from www.redbooklive.com.

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ACCELERATORS AND EXHAUSTERS FOR DRY PIPE VALVES

ftghu

AC Construction ltd

Wise street, Nottingham, Nottinghamshire, United Kingdom

Tel: 23456789 • Alt Tel: 2345678

E-mail: ACconstruction@test.com

Certificate No: 010ah-(cl-9) to EN671-1

Pipe valves

Product Name	testloremipsum12!@#testing	test2loremipsum12!@#	test3testloremipsum12!@#testing	test4	test 5	tes
Pipevalve 1/2loremipsum12!@#	loremipsum12!@#	loremipsum12!@#	loremipsum12!@#	loremipsum12!@#	lorem ipsum 12!@#	lorem ipsum 12!@#
Pipevalve 1/3lorem ipsum12!@#	loremipsum12!@#	loremipsum12!@#	loremipsum12!@#yrdy	loremipsum12!@#yrdy	lorem ipsum 12!@#	lorem ipsum 12!@#
Pipevalve 1/4lorem ipsum 12!@#	loremipsum12!@#	loremipsum12!@#	loremipsum12!@#yrdy	loremipsum12!@#yrdy	lorem ipsum 12!@#	lorem ipsum 12!@#
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Pipe valve 1/6lorem ipsum 12!@#	loremipsum12!@#	loremipsum12!@#	lorem ipsum 12!@#test	lorem ipsum 12!@#test	lorem ipsum 12!@#test	lorem ipsum 12!@#
Pipe valve 1/2Pipe valve 1/2Pipe valve 1/2	loremipsum12!@#	loremipsum12!@#	lorem ipsum 12!@#	lorem ipsum 12!@#test	lorem ipsum 12!@#test	lorem ipsum 12!@#

Certificate No: CERT 031201 to EN671-1

Solar Panels

Product Name	Test column 1/2	LPCB Ref. No.
Solar Panels 126/1	-	LPCB Solar Panels 126/1
Solar Panels 126/2	-	LPCBSolar Panels 126/2
Solar Panels 126/3	-	LPCBSolar Panels 126/3
Solar Panels 126/4	-	LPCBSolar Panels 126/4

Solar Panels test
1/2

Certificate No: CERT 052002 to LPS 1175

052002 Prod Grp

Product Name	test Column	LPCB Ref. No.
Prod name 052002	Test Product listing Company assessed and approved for installing or applying passive fire protection products under the following scope:	LPCB 052002

Appendix 1 - Penetration, cavity barrier and linear gap seals

Appendix 3 - Intumescent coatings to structural elements

<p style="font-family: MS Sans Serif"> Test Product listing Company assessed and approved for installing or applying passive fire protection products under the following scope: </p>
 <p style="font-family: MS Sans Serif"> Appendix 1 - Penetration, cavity barrier and linear gap seals </p>
 <p style="font-family: MS Sans Serif"> Appendix 3 - Intumescent coatings to structural elements </p> </br> </br>

Certificate No: CERT 052004 to LPS 1056: Issue 6

Prod Grp 052004

Product Name	Door Type	Maximum Leaf Size (per leaf)	Maximum Leaf Size (per leaf)	Maximum Leaf Size (per leaf)	Door Hardware Variations	BS 476: Part 22 Fire Resistance (minutes)	Reliability (self closing Durability Ref LPS 1056	LPCB Ref. No.
25 Apr 2025								

ACCELERATORS AND EXHAUSTERS FOR DRY PIPE VALVES

		Height (mm)	Width (mm)	(m²)		Integrity/Insulation	Clause 3.6)	
Sentinel UltraSecure	DS1/LV single leaf outward opening hinged doorset uninsulated	2200	940	2.06	SM(3), SM(4), SM(6), SM(7), SM(10), SM(13), SM(14), SM(16), SM(17), SM(20), SM(23), SM(24), SM(26), SM(27) & SM(30)	240 / 0	No performance determined	450g/01
Sentinel UltraSecure	DS1/LV single leaf outward opening hinged doorset uninsulated	2640	1128	2.58	SM(3), SM(4), SM(6), SM(7), SM(10), SM(13), SM(14), SM(16), SM(17), SM(20), SM(23), SM(24), SM(26), SM(27) & SM(30)	120 / 0	No performance determined	450g/01

test

Certificate No: CERT 061903 to LPS 1056: Issue 6.2

Prod Group Test 061903

Product Name	Test col 1	test col 2	test col 3	test col 4	LPCB Ref. No.
Prod Name 0619003-1	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum felis ipsum, lobortis nec aliquet eu, placerat vel velit. Suspendisse a tempus metus. Vestibulum nisi nunc,	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum felis ipsum, lobortis nec aliquet eu, placerat vel velit. Suspendisse a tempus metus. Vestibulum nisi nunc,	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum felis ipsum, lobortis nec aliquet eu, placerat vel velit. Suspendisse a tempus metus. Vestibulum nisi nunc,	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum felis ipsum, lobortis nec aliquet eu, placerat vel velit. Suspendisse a tempus metus. Vestibulum nisi nunc,	LPCB 0619003-1
Prod Name 0619003-2	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum felis ipsum, lobortis nec aliquet eu, placerat vel velit. Suspendisse a tempus metus. Vestibulum nisi nunc,	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum felis ipsum, lobortis nec aliquet eu, placerat vel velit. Suspendisse a tempus metus. Vestibulum nisi nunc,	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum felis ipsum, lobortis nec aliquet eu, placerat vel velit. Suspendisse a tempus metus. Vestibulum nisi nunc,	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum felis ipsum, lobortis nec aliquet eu, placerat vel velit. Suspendisse a tempus metus. Vestibulum nisi nunc,	LPCB 0619003-2

test prod group notes

test group notes

test group notes

Certificate No: CERT test to LPS 1175

Test product

Product Name	Description	LPCB Ref. No
test	test	test
	test	

test

Certificate No: LPCB574 to EN671-1

LDP574

Product Name	LPCB Ref. No.
LDP574/7	LPCB574/7
LDP574/1	LPCB574/1
LDP574/5	LPCB574/5
LDP574/10	LPCB574/10
LDP574/6	LPCB574/6
LDP574/11	LPCB574/10
LDP574/9	LPCB574/9
LDP574/2	LPCB574/2
LDP574/8	LPCB574/8
LDP574/4	LPCB574/4
LDP574/15	LPCB574/14
LDP574/19	LPCB574/18
LDP574/16	LPCB574/15
LDP574/14	LPCB574/13
LDP574/3	LPCB574/3
LDP574/18	LPCB574/17
LDP574/17	LPCB574/16
LDP574/12	LPCB574/11
LDP574/13	LPCB574/12
LDP574/20	LPCB574/19
LDP574/21	LPCB574/21
LDP574/24	LPCB574/24
LDP574/23	LPCB574/23
LDP574/25	LPCB574/25
LDP574/26	LPCB574/26
LDP574/27	LPCB574/27

ACCELERATORS AND EXHAUSTERS FOR DRY PIPE VALVES

LDP574/28	LPCB574/28
LDP574/29	LPCB574/29
LDP574/30	LPCB574/30
LDP574/22	LPCB574/22
LDP574/31	LPCB574/31

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Certificate No: LPCB6287 to EN671-1

LT6287

Product Name	LPCB Ref. No.
LT6287/8	LPCB6287/8
LT6287/5	LPCB6287/5
LT6287/6	LPCB6287/6
LT6287/1	LPCB6287/1
LT6287/4	LPCB6287/4
LT6287/3	LPCB6287/3
LT6287/7	LPCB6287/7
LT6287/9	LPCB6287/9
LT6287/2	LPCB6287/2
LT6287/12	LPCB6287/12
LT6287/13	LPCB6287/13
LT6287/14	LPCB6287/14
LT6287/11	LPCB6287/11
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LT6287/13	LPCB6287/13
LT6287/14	LPCB6287/14
LT6287/15	LPCB6287/15
LT6287/16	LPCB6287/16
LT6287/18	LPCB6287/18
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LT6287/22	LPCB6287/22
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LT6287/27	LPCB6287/27
LT6287/28	LPCB6287/28
LT6287/29	LPCB6287/29
LT6287/32	LPCB6287/32
LT6287/33	LPCB6287/33
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LT6287/37	LPCB6287/37
LT6287/35	LPCB6287/35
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LT6287/38	LPCB6287/38
LT6287/39	LPCB6287/39
LT6287/40	LPCB6287/40
LT6287/41	LPCB6287/41
LT6287/42	LPCB6287/42
LT6287/43	LPCB6287/43
LT6287/44	LPCB6287/44

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ACCELERATORS AND EXHAUSTERS FOR DRY PIPE VALVES

Certificate No: test to LPS 1175

test

Product Name	LPCB Ref. No.
testinggg 1	test
testinggg 11	test

test

AC Construction ltd

Wise street, Nottingham, Nottinghamshire, United Kingdom

Tel: 23456789 • Alt Tel: 2345678

E-mail: ACconstruction@test.com

Certificate No: 324234 to LPS 1175

test scope

Approval Level 1

Not approved to self-certify any Category of Work

The following Categories of Work to be supervised: A, B, C

Certificate No: CERT 052001 to LPS 1175

Test Company assessed and approved for installing or applying passive fire protection products under the following scope:

Appendix 1 - Penetration, cavity barrier and linear gap seals

Appendix 3 - Intumescent coatings to structural elements

Approval Level 2

Approved to self-certify the following Categories of Work: B, C, D

The following Categories of Work to be supervised: A

Certificate No: LPCB235 to LPS 1175

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Approval Level 2

Approved to self-certify the following Categories of Work: B, C, D

The following Categories of Work to be supervised: A

Certificate No: test to LPS 1175

test scope

- test1
- test2

- test1
- test2

- test1
- test2

ACCELERATORS AND EXHAUSTERS FOR DRY PIPE VALVES

Approval Level 1

Not approved to self-certificate any Category of Work

The following Categories of Work to be supervised: A, B, C

Bond Company

101 Wallstreet, Birmingham, West Midlands, B1 1AY, United Kingdom

Tel: 12345678 • Alt Tel: 23456789

E-mail: bondcompany@test.com • Website: Bondcompany.com

Certificate No: LPCB9008 to LPS 1175

Certificate No: LPCB9008-1 to LPS 1209

JP9008

Product Name	Lorem ipsum dolor sit amet	grade Lorem ipsum dolor sit amet	test://1234566Lorem ipsum dolor sit amet	Lorem ipsum dolor sit amet	LPCB Ref. No.
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JP9008/1	60 50 40 (120) ED (165) 90 50 40 (180) ED (247) 90 40 47.5 (171) 92 42 48.5 (187.4) 120 50 40 (240) ED (330) 120 40 47.5 (228) 122 42 48.5 (248.5) 150 50 40 (300) ED (412)	I	Lorem ipsum dolor sit amet, consectetur adipiscing elit	test	LPCB9008/1
JP9008/2	60 50 40 (120) ED (165) 90 50 40 (180) ED (247) 90 40 47.5 (171) 92 42 48.5 (187.4) 120 50 40 (240) ED (330) 120 40 47.5 (228) 122 42 48.5 (248.5) 150 50 40 (300) ED (412)	II	Lorem ipsum dolor sit amet, consectetur adipiscing elit	test	LPCB9008/2
JP9008/3	60 50 40 (120) ED (165) 90 50 40 (180) ED (247) 90 40 47.5 (171) 92 42 48.5 (187.4) 120 50 40 (240) ED (330) 120 40 47.5 (228) 122 42 48.5 (248.5) 150 50 40 (300) ED (412)	iii	Lorem ipsum dolor sit amet, consectetur adipiscing elit	test	LPCB9008/3
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JP9008/6	60 50 40 (120) ED (165) 90 50 40 (180) ED (247) 90 40 47.5 (171) 92 42 48.5 (187.4) 120 50 40 (240) ED (330) 120 40 47.5 (228) 122 42 48.5 (248.5) 150 50 40 (300) ED (412)	iiii	Lorem ipsum dolor sit amet, consectetur adipiscing elit	test	LPCB9008/6
JP9008/5	60 50 40 (120) ED (165) 90 50 40 (180) ED (247) 90 40 47.5 (171) 92 42 48.5 (187.4) 120 50 40 (240) ED (330) 120 40 47.5 (228) 122 42 48.5 (248.5) 150 50 40 (300) ED (412)	iiii	Lorem ipsum dolor sit amet, consectetur adipiscing elit	tes	LPCB9008/5
JP9008/8	60 50 40 (120) ED (165) 90 50 40 (180) ED (247) 90 40 47.5 (171) 92 42 48.5 (187.4) 120 50 40 (240) ED (330) 120 40 47.5 (228) 122 42 48.5 (248.5) 150 50 40 (300) ED (412)	iii	Lorem ipsum dolor sit amet, consectetur adipiscing elit	test	LPCB9008/8
JP9008/7	60 50 40 (120) ED (165) 90 50 40 (180) ED (247) 90 40 47.5 (171) 92 42 48.5 (187.4) 120 50 40 (240) ED (330) 120 40 47.5 (228) 122 42 48.5 (248.5) 150 50 40 (300) ED (412)	iiii	Lorem ipsum dolor sit amet, consectetur adipiscing elit	test	LPCB9008/7
JP9008/9	60 50 40 (120) ED (165) 90 50 40 (180) ED (247) 90 40 47.5 (171) 92 42 48.5 (187.4) 120 50 40 (240) ED (330) 120 40 47.5 (228) 122 42 48.5 (248.5) 150 50 40 (300) ED (412)	iiii	Lorem ipsum dolor sit amet, consectetur adipiscing elit	test	LPCB9008/9
JP9008/10	60 50 40 (120) ED (165) 90 50 40 (180) ED (247) 90 40 47.5 (171) 92 42 48.5 (187.4) 120 50 40 (240) ED (330) 120 40 47.5 (228) 122 42 48.5 (248.5) 150 50 40 (300) ED (412)	iiii	Lorem ipsum dolor sit amet, consectetur adipiscing elit	test	LPCB9008/10
JP9008/11	60 50 40 (120) ED (165) 90 50 40 (180) ED (247) 90 40 47.5 (171) 92 42 48.5 (187.4) 120 50 40 (240) ED (330) 120 40 47.5 (228) 122 42 48.5 (248.5) 150 50 40 (300) ED (412)	iiii	Lorem ipsum dolor sit amet, consectetur adipiscing elit	tes	LPCB9008/11
JP9008/12	60 50 40 (120) ED (165) 90 50 40 (180) ED (247) 90 40 47.5 (171) 92 42 48.5 (187.4) 120 50 40 (240) ED (330) 120 40 47.5 (228) 122 42 48.5 (248.5) 150 50 40 (300) ED (412)	iiii	Lorem ipsum dolor sit amet, consectetur adipiscing elit	test	LPCB9008/12

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Bond Company

101 Wallstreet, Birmingham, West Midlands, B1 1AY, United Kingdom

Tel: 12345678 • Alt Tel: 23456789

E-mail: bondcompany@test.com • Website: Bondcompany.com

Certificate No: LCPB1245 to LPS 1175

ACCELERATORS AND EXHAUSTERS FOR DRY PIPE VALVES

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum felis ipsum, lobortis nec aliquet eu, placerat vel velit. Suspendisse a tempus metus. Vestibulum nisi nunc, maximus sit amet ornare ut, imperdiet non velit. Curabitur placerat, tellus sit amet viverra sagittis, enim sem condimentum ipsum, nec auctor est neque nec diam. Sed orci libero, scelerisque in sem et, hendrerit volutpat arcu. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Curabitur et sodales felis, vitae lobortis mauris. Proin augue risus, hendrerit a nunc in, cursus finibus risus. Nulla eu nibh massa. Duis ut massa sed est lobortis finibus ac sit amet lacus. Fusce elementum scelerisque nisl vel malesuada. In hac habitasse platea dictumst. Ut malesuada vulputate purus eu bibendum. Nulla massa nisl, consectetur sit amet neque vel, gravida efficitur nulla. Cras bibendum maximus elit et tempor. Curabitur sagittis justo ante, nec hendrerit ligula tempor et.

Approval Level 3

Approved to self-certify the following Categories of Work: B, C, D, E

The following Categories of Work to be supervised: A

Company 1

Line 1, London, United Kingdom

E-mail: test@comp.com

Certificate No: LPCB235 to LPS 1175

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum felis ipsum, lobortis nec aliquet eu, placerat vel velit. Suspendisse a tempus metus. Vestibulum nisi nunc, maximus sit amet ornare ut, imperdiet non velit. Curabitur placerat, tellus sit amet viverra sagittis, enim sem condimentum ipsum, nec auctor est neque nec diam. Sed orci libero, scelerisque in sem et, hendrerit volutpat arcu. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Curabitur et sodales felis, vitae lobortis mauris. Proin augue risus, hendrerit a nunc in, cursus finibus risus. Nulla eu nibh massa. Duis ut massa sed est lobortis finibus ac sit amet lacus. Fusce elementum scelerisque nisl vel malesuada. In hac habitasse platea dictumst. Ut malesuada vulputate purus eu bibendum. Nulla massa nisl, consectetur sit amet neque vel, gravida efficitur nulla. Cras bibendum maximus elit et tempor. Curabitur sagittis justo ante, nec hendrerit ligula tempor et.

Approval Level 2

Approved to self-certify the following Categories of Work: B, C, D

The following Categories of Work to be supervised: A

ACCELERATORS AND EXHAUSTERS FOR DRY PIPE VALVES

Darren test

2 Lane, telford, United Kingdom

Certificate No: 00011 to LPS 1175

Start 25

Product Name	LPCB Ref. No.
start 24 end 25th	00011
Start 24th end 26th	00012
Start 27 End 28th Ank	00111
Start 26th End 27 Ank	3244
Start 28th End 31 Ank	4234

Start 25 end 26th

test

AC Construction ltd

Wise street, Nottingham, Nottinghamshire, United Kingdom

Tel: 23456789 • Alt Tel: 2345678

E-mail: ACconstruction@test.com

Certificate No: 1025 to LPS 1209

V1 ChuckTest

Approval Level 1

Not approved to self-certify any Category of Work

The following Categories of Work to be supervised: A, B, C

Certificate No: 1025 to LPS 1209

V2 ChuckTest

Certificate No: 121102 CERT to LPS 1048

Design, installation and commissioning of industrial & commercial fire sprinklers systems.

Approval Level 2

Not approved to self-certify any categories of work

The following Categories of Work to be supervised: A, B, C, D

Certificate No: 121103 CERT to LPS 1048

Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.

Design, installation and commissioning of industrial & commercial fire sprinklers systems.

Approval Level 3

Not approved to self-certify any categories of work

The following Categories of Work to be supervised: A, B, C, D, E

Certificate No: 121104 CERT to LPS 1048

Design, installation and commissioning of industrial & commercial fire sprinklers systems.

Design, installation, commissioning and servicing of industrial & commercial and residential & domestic fire sprinklers systems.

Approval Level 4

Approved to self-certify all categories of work

No supervision required

Certificate No: 121105 CERT to LPS 1048

Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.

Approval Level 2

Approved to self-certify the following Categories of Work: A, B, C, D

No supervision required

Certificate No: 121106 CERT to LPS 1048

Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.

Design, installation, commissioning and servicing of industrial & commercial and residential & domestic fire sprinklers systems.

Approval Level 3

Approved to self-certify the following Categories of Work: A, B, C, D, E

No supervision required

Certificate No: 121107 CERT to LPS 1048

Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.

LPS 1048 APPROVED SPRINKLER CONTRACTORS - UK AND IRELAND

Approval Level 2

Approved to self-certificate the following Categories of Work: B, D

The following Categories of Work to be supervised: A, C

Certificate No: 121108 CERT to LPS 1048

Design, installation and commissioning of industrial & commercial and residential & domestic fire sprinklers systems.

Approval Level 3

Approved to self-certificate the following Categories of Work: B, C, D, E

The following Categories of Work to be supervised: A

Certificate No: 123 to LPS 1175

The following scopes apply:

123

Certificate No: 123 to LPS 1175

The following scopes apply:

and more text..

Certificate No: 123 to LPS 1175

The following scopes apply:

Certificate No: 123123 to LPS 1175

123

The following scopes apply:

Certificate No: 456 to LPS 1175

The following scopes apply:

Certificate No: ASD to LPS 1175

ASD

Certificate No: CER 0410 to LPS 1175

Design, installation and commissioning of industrial & commercial fire sprinklers systems.

Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.

Approval Level 1

Not approved to self-certificate any Category of Work

The following Categories of Work to be supervised: A, B, C

Certificate No: CERT 042401 to LPS 1048

Design, installation and commissioning of industrial & commercial fire sprinklers systems.

Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.

Approval Level 1

Not approved to self-certificate any Category of Work

The following Categories of Work to be supervised: A, B, C

Certificate No: CERT 042402 to LPS 1048

Design, installation and commissioning of industrial & commercial fire sprinklers systems.

Approval Level 2

Approved to self-certificate the following Categories of Work: B, C, D

The following Categories of Work to be supervised: A

Certificate No: CERT 04240200 to LPS 1048

LPS 1048 APPROVED SPRINKLER CONTRACTORS - UK AND IRELAND

Design, installation and commissioning of industrial & commercial fire sprinklers systems.

Approval Level 2

Approved to self-certificate the following Categories of Work: A, B, C, D

No supervision required

Certificate No: CERT 042402B to LPS 1048

Design, installation and commissioning of industrial & commercial fire sprinklers systems.
Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.

Approval Level 2

Approved to self-certificate the following Categories of Work: C, D

The following Categories of Work to be supervised: A, B

Certificate No: CERT 042402C to LPS 1048

Design, installation and commissioning of industrial & commercial fire sprinklers systems.

Approval Level 2

Approved to self-certificate the following Categories of Work: D

The following Categories of Work to be supervised: A, B, C

Certificate No: CERT 042402D to LPS 1048

Design, installation and commissioning of industrial & commercial fire sprinklers systems.

Approval Level 2

Not approved to self-certificate any categories of work

The following Categories of Work to be supervised: A, B, C, D

Certificate No: CERT 042403 to LPS 1048

Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.

Approval Level 3

Approved to self-certificate the following Categories of Work: B, C, D, E

The following Categories of Work to be supervised: A

Certificate No: CERT 04240300 to LPS 1048

Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.

Approval Level 3

Approved to self-certificate the following Categories of Work: A, B, C, D, E

No supervision required

Certificate No: CERT 042403B to LPS 1048

Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.

Approval Level 3

Approved to self-certificate the following Categories of Work: C, D, E

The following Categories of Work to be supervised: A, B

Certificate No: CERT 042403C to LPS 1048

Design, installation and commissioning of industrial & commercial fire sprinklers systems.

Approval Level 3

Approved to self-certificate the following Categories of Work: D, E

The following Categories of Work to be supervised: A, B, C

Certificate No: CERT 042403D to LPS 1048

Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.

LPS 1048 APPROVED SPRINKLER CONTRACTORS - UK AND IRELAND

Approval Level 3

Approved to self-certify the following Categories of Work: E

The following Categories of Work to be supervised: A, B, C, D

Certificate No: CERT 042403E to LPS 1048

Design, installation and commissioning of industrial & commercial fire sprinklers systems.

Approval Level 3

Not approved to self-certify any categories of work

The following Categories of Work to be supervised: A, B, C, D, E

Certificate No: CERT 042404 to LPS 1048

Design, installation and commissioning of industrial & commercial and residential & domestic fire sprinklers systems.

Approval Level 4

Approved to self-certify all categories of work

No supervision required

Certificate No: CERT 081607 to LPS 1175

testtest

Approval Level 1

Not approved to self-certify any Category of Work

The following Categories of Work to be supervised: A, B, C

Certificate No: CERT 121101 to LPS 1048

The following scopes apply:

Design, installation and commissioning of industrial & commercial fire sprinklers systems.

Approval Level 1

Not approved to self-certify any Category of Work

The following Categories of Work to be supervised: A, B, C

Certificate No: QA TEST 0120 to LPS 1048

QA TEST 0120

Certificate No: QA TEST 0120A to LPS 1048

QA TEST 0120

Certificate No: QA TEST 0120V1 to LPS 1048

QA TEST 0120V1

Certificate No: QA TEST 0120V2 to LPS 1048

QA TEST 0120V2

Certificate No: sdfsd to LPS 1175

sdf

Approval Level 1

Not approved to self-certify any Category of Work

The following Categories of Work to be supervised: A, B, C

Certificate No: test to LPS 1175, EN671-1

Design, installation and commissioning of industrial & commercial fire sprinklers systems.

Design, installation, commissioning and servicing of industrial & commercial and residential & domestic fire sprinklers systems.

Approval Level 2

Approved to self-certify the following Categories of Work: A, B, C, D

No supervision required

Certificate No: test to LPS 1175

Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.
Design, installation and commissioning of industrial & commercial and residential & domestic fire sprinklers systems.

Approval Level 3

Approved to self-certify the following Categories of Work: B, C, D, E

The following Categories of Work to be supervised: A

Certificate No: test blank approval to LPS 1175

Design, installation and commissioning of industrial & commercial fire sprinklers systems.
Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.

Alis Test

Suite 375 544 Xochitl View, Aiville, VA 06408, Aiville, VA, 06408, USA
Tel: 099998129

Certificate No: QA SAMPLE TEST 11/20 to LPS 1175

QA SAMPLE TEST 11/20

Certificate No: QA TESTING PURPOSES ONLY to test

QA TESTING PURPOSES ONLY

Approval Level 1

Not approved to self-certify any Category of Work
The following Categories of Work to be supervised: A, B, C

Certificate No: SVC-191901 to LPS 1175

asasas

Certificate No: test to test

The following scopes apply: test

Bipul's Test 1

Bipul Test Company address 1, Bhairahawa, Nepal

Certificate No: TEST CERTIFICATION NUMBER to test

The following scopes apply: test

Bond Company

101 Wallstreet, Birmingham, West Midlands, B1 1AY, United Kingdom
Tel: 12345678 • Alt Tel: 23456789
E-mail: bondcompany@test.com • Website: Bondcompany.com

Certificate No: 123 to LPS 1175

The following scopes apply:123

Certificate No: cert to LPS 1209

Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.
Design, installation and commissioning of industrial & commercial and residential & domestic fire sprinklers systems.

Approval Level 4

Approved to self-certificate all categories of work

No supervision required

Certificate No: test to LPS 1209

Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.

Design, installation and commissioning of industrial & commercial and residential & domestic fire sprinklers systems.

Approval Level 2

Approved to self-certificate the following Categories of Work: A, B, C, D

No supervision required

Company 1

Line 1, London, United Kingdom

E-mail: test@comp.com

Certificate No: cert_serv_1 to LPS 1175

Test scope added as below for the listing with appendices

company assessed and approved for below ones:

1. Appendix 1: Security doors & shutters

Approval Level 2

Approved to self-certificate the following Categories of Work: A, B

The following Categories of Work to be supervised: C, D

Darren test

2 Lane, telford, United Kingdom

Certificate No: 01653 to LPS 1209

Darren Test

Certificate No: 1111 to LPS 1209

The following scopes apply: 30 Jan v2 scope

Certificate No: 2222 to LPS 1209

30 Jan Test Scope

Approval Level 1

Not approved to self-certificate any Category of Work

The following Categories of Work to be supervised: A, B, C

Certificate No: 5566 to LPS 1175

The following scopes apply: 12/02 Daz V2

Certificate No: 5678 to LPS 1209

11/02 CHUCK V1

Approval Level 1

Not approved to self-certificate any Category of Work

The following Categories of Work to be supervised: A, B, C

Certificate No: 5678 to LPS 1209

11/02 CHUCK V2

Certificate No: 8855 to LPS 1209

The following scopes apply: V2 test 1

Certificate No: 8855 to LPS 1048

V1 test 1

Approval Level 1

Not approved to self-certify any Category of Work

The following Categories of Work to be supervised: A, B, C

Certificate No: 8877 to LPS 1209

30/01 Test V1

Approval Level 1

Not approved to self-certify any Category of Work

The following Categories of Work to be supervised: A, B, C

Certificate No: 8877 to LPS 1209

30/01 Test V2

test

test, test, United Kingdom

Certificate No: 12345 to test

test

test - update

test, test, United Kingdom

E-mail: test@gmail.com

Certificate No: QA TEST to LPS 1175

QA TEST

Certificate No: QA TEST to LPS 1175

QA TEST

Certificate No: QA TEST to LPS 1175

QA TEST

Certificate No: QA TEST ADTL ADD to test

QA TEST ADTL ADD

Approval Level 1

Not approved to self-certify any Category of Work

The following Categories of Work to be supervised: A, B, C

Certificate No: QA TEST PR2 to test

QA TEST PR2

Certificate No: QA TEST PR3 to test

QA TEST PR3

Certificate No: to LPS 1175

LPS 1048 APPROVED SPRINKLER CONTRACTORS - UK AND IRELAND

Certificate No: QA TESTING ONLY to test

QA TESTING ONLY

Certificate No: QA TESTING PR to test

QA TESTING PR

Test-Company 110201

test line one, London, United Kingdom

Tel: 18646376

E-mail: test@gmail.com

Certificate No: CERT 081602 to LPS 1048

test

Approval Level 2

Approved to self-certificate the following Categories of Work: A, B, C, D

No supervision required

Certificate No: CERT 081603 to LPS 1048

The following scopes apply: test

Test-Company-100301

Test line one, Test line two, London, United Kingdom

E-mail: testcompany@test.com

Certificate No: 1123 to LPS 1209

11/02 test chuck v1

Approval Level 1

Not approved to self-certificate any Category of Work

The following Categories of Work to be supervised: A, B, C

Certificate No: 1123 to LPS 1209

11/02 test chuck v2

test

AC Construction Ltd

Wise street, Nottingham, Nottinghamshire, United Kingdom

Tel: 23456789 • Alt Tel: 2345678

E-mail: ACconstruction@test.com

Certificate No: CERT 0816001 to LPS 1209

Design, installation and commissioning of industrial & commercial fire sprinklers systems.

Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.

Design, installation and commissioning of industrial & commercial and residential & domestic fire sprinklers systems.

Design, installation, commissioning and servicing of industrial & commercial and residential & domestic fire sprinklers systems.

Certificate No: CERT091601 to LPS 1048

The following scopes apply: test scope

Certificate No: test to test

The following scopes apply: Design, installation and commissioning of industrial & commercial fire sprinklers systems.

Approval Level 1

Not approved to self-certify any Category of Work

The following Categories of Work to be supervised: A, B, C

Certificate No: test to LPS 1175

The following scopes apply: test

Bipul's Test 1

Bipul Test Company address 1, Bhairahawa, Nepal

Certificate No: TEST to test

TEST

test - update

test, test, United Kingdom

E-mail: test@gmail.com

Certificate No: QA TESTING PURPOSES to test

QA TESTING PURPOSES

Test-Company 110201

test line one, London, United Kingdom

Tel: 18646376

E-mail: test@gmail.com

Certificate No: CERT 081602 to LPS 1048

The following scopes apply:

Test-Company 110301

Test line one, Line two, line three, Test City, Test County, GWE3515, United Kingdom

Tel: 4728656729 • Alt Tel: 4728656730

E-mail: testcompany@company.com

Certificate No: cert test to LPS 1175

Design, installation and commissioning of industrial & commercial fire sprinklers systems.

test

Test-Company 110201

test line one, London, United Kingdom

Tel: 18646376

E-mail: test@gmail.com

Certificate No: CERT 081601 to LPS 1148

Design, installation and commissioning of industrial & commercial fire sprinklers systems.
test

Approval Level 1

Not approved to self-certificate any Category of Work

The following Categories of Work to be supervised: A, B, C

Test-Company 110301

Test line one, Line two, line three, Test City, Test County, GWE3515, United Kingdom

Tel: 4728656729 • Alt Tel: 4728656730

E-mail: testcompany@company.com

Certificate No: CERT 112001 to LPS 1175

Design, installation and commissioning of industrial & commercial fire sprinklers systems.
Design, installation, commissioning and servicing of industrial & commercial fire sprinklers systems.

Technocover Limited (incorporating TechnoRail and Strataform)

Henfaes Lane, Welshpool, Powys, SY21 7BE, United Kingdom

Tel: +44 (0)1938 555511

E-mail: techadvice@technocover.co.uk • Website: www.technocover.co.uk

Certificate No: QA TESTING to LPS 1209

QA TESTING

Comp_sus

Line2, Itretr, Albania

E-mail: Test@o.com

Certificate No: test to test

test

LPS 1148 APPROVED SPRINKLER CONTRACTORS - OVERSEAS

Test-Company 100401

test, test, GWE345, United Kingdom

E-mail: test@test.com • Website: company 100401.com

Certificate No: CERT 100504 to LPS 1175

ProdGrp 100504

Product Name	LPCB Ref. No.
Test Prod Name	LPCB 100504

