

## Certificate of Product Approval

Certificate Number: 1790a

Issue: 01

### MIDDLE EAST SPECIALIZED CABLES (MESC) LLC

PLN63 AL Ghail Industrial Zone-NFZ,  
Ras Al Khaimah,  
United Arab Emirates  
(UAE)



is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) detailed below:

#### Product(s)

Cable Types as listed below:  
MESC PYRO FP 200

#### Standard(s) (see Appendix for details)

BS 6387:2013 (Category CWZ)  
EN 50200:2015 (PH120)  
IEC 60331-21:1999  
EN 60754-1:2014  
EN 60754-2:2014  
EN 61034-2:2005+A2:2020  
EN 60332-1-2:2004+A11:2016

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

*Obada Piracha*

Signed for BRE Global Ltd.

Obada Piracha

Senior Certification Manager

29 February 2024

Date of Issue

29 February 2024

Date of First issue



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## Appendix to Certificate No: 1790a MIDDLE EAST SPECIALIZED CABLES (MESC) LLC

Issue: 01

Product name							LPCB Ref. No.
MESC PYRO FP 200							1790a/01
Nominal csa of conductor (mm <sup>2</sup> ) see note 1	Core Construction	BS 6387	EN 50200	IEC 60331-21 see note 2	EN 61034-2	EN 60754-1	EN 60754-2
1.0	2, 3 & 4	C,W,Z	PH120	(180+15) minutes	>60%	<0.5% HCl	Complies
1.5	2, 3 & 4	C,W,Z	PH120	(180+15) minutes	>60%	<0.5% HCl	Complies
2.5	2, 3 & 4	C,W,Z	PH120	(180+15) minutes	>60%	<0.5% HCl	Complies
4.0	2, 3 & 4	C,W,Z	PH120	(180+15) minutes	>60%	<0.5% HCl	Complies

### Uo/U 300/500V

Notes:

- Solid and Stranded conductor only.
- The MESC PYRO FP 200 cables met the requirements of IEC 60331-21:1999 when tested at a temperature of 750°C, for a duration of 180 + 15 minutes cool down at voltage of 300/500V.
- The MESC PYRO FP 200 cables listed also met the requirements of EN 60332-1-2:2004+A11:2016

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*Obada Alser*

Signed for BRE Global Ltd.

Obada Piracha  
Senior Certification Manager

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