



NGC SERIES EN45545-2 COMPLIANCE REPORT

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C	Update the test report of Silicone FTMP867			12JUN2020	M VIMARD
B	Update the test report of Polyamide FTMP457			07AUG2019	A DONG
A	First release (supersede customer letter edited on January 01, 2017)			24MAY2018	M VIMARD
LTR	Revision record			Date	Author
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Notification to	Manager Product Management	Product Manager	Product Manager		
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Compliance to Fire Protection on Railway Vehicles European Standard (EN45542-2+A1:2016-05)

Regarding TE Connectivity's activities with respect to the Fire Protection on Railway Vehicles European Standard (EN45545-2+A1:2016-05), please be advised of the following:

The NGC series connectors as listed below are compliant with the EN45545-2+A1:2016-05 requirements according to the classification R22:HL3 and R23:HL3 criteria.

- NGC4M - NGC6M - NGC12M - NGC28M - NGCASC - NGC28ASC
 - NGC4F - NGC6F - NGC12F - NGC28F - NGCAFP

This information is applicable to products manufactured starting the latest revision date of this document.

The materials concerned by the fire and smoke tests required by the EN45545-2 have been tested in external accredited laboratories which have edited related tests report, as synthetized below:

- Polyamide FTMP457 (laboratory CREPIM, FR):

Test Report	Report date	Tests description	According to	Results	EN45545-2 requirements	
					R22:HL3	R23:HL3
DO-19-1038/A-R1	12-07-2019	Ds max, 25kWm ⁻²	EN ISO5659-2:2012	99	≤ 150	≤ 300
DO-19-1038/A-R1	12-07-2019	LOI %	EN ISO4589-2:2006	32.6	≥ 32	≥ 32
DO-19-1038/A-R1	12-07-2019	CIT _{NLP}	NF X70-100-1:2006 NF X70-100-2:2006	0.36	≤ 0.75	≤ 1.5

- Silicone FTMP867 (laboratory CREPIM, FR):

Test Report	Report date	Tests description	According to	Results	EN45545-2 requirements	
					R22:HL3	R23:HL3
DO-20-1648/A-R1	13-02-2020	Ds max, 25kWm ⁻²	EN ISO5659-2:2012	121	≤ 150	≤ 300
DO-20-1648/A-R1	13-02-2020	LOI %	EN ISO4589-2:2006	36.1	≥ 32	≥ 32
DO-20-1648/A-R1	13-02-2020	CIT _{NLP}	NF X70-100-1:2006 NF X70-100-2:2006	0.04	≤ 0.75	≤ 1.5