

PRODUCTION QUALITY ASSURANCE (Module D_{RAIL}) CERTIFICATE N° 241B/SAFERAIL/014

Issued by LAPI SPA

Application Of:

Accreditation Scheme SAFERAIL® for EN 45545-2 Railway applications. Fire protection on railway vehicles. Requirements for fire behaviour of materials and components

Applicant/Manufacturer:

ELFI S.R.L.

Via Prato, 42 - 51031 Agliana (PT) - Italy

Scope: Products as listed below:

Product name	Product description	Test report ref.
PCB Multistrato IO019	Circuito stampato multistrato (nr. strati da 2 a 8), con spessore variabile da 0,8 a 2,4 mm	RdP n°370-371-372-373.1IS0045/17 del 09/03/2017

This is to certify that LAPI S.p.A., Certification Body (Accreditation no. 241B PRD), did undertake the relevant quality assessment procedures for the equipments of the manufacturer identified above, which was found to be in compliance with the Fire Protection requirements of Scheme SAFERAIL® for EN 45545-2:2015 Railway applications and with the type described in test report/s listed above and reported in the Attachment to this Certificate, subject to any conditions as described in pertinent test report.

This Certificate authorizes the manufacturer, or his authorised representative, to affix the "Mark of Conformity" (Saferail®), as shown below, and exemplified in the Attachment.



D RAIL/20

(20 being the last two digits of the year when the Certification is gained)

This Certificate loses its validity if the Manufacturer makes any changes or modification to the approved quality system, which have not been notified to, and agreed with the Certification Body named on this Certificate and/or after lapse of time, withdrawal or revocation of the test report

This Certificate consists of 1 (one) page and 1 (one) Attachment.

This Certificate, first issued on **22/12/2020**, and remains valid, unless cancelled or revoked until its expiry date of **21/12/2023**.

Note: This Module D_{RAIL} must be read in conjunction with the Attachment.

Prato, 22/12/2020

Technical Director

PROPOSED

Dr. Luca Ermini

Certification Manager

APPROVED

Dr. Massimo Borsini



**Attachment to Production Quality Assurance (Module D_{RAIL})
CERTIFICATE N° 241B/SAFERAIL/014**

List of Products

Product name	PCB Multistrato IO019
Description	Circuito stampato multistrato (nr. strati da 2 a 8), con spessore variabile da 0,8 a 2,4 mm
Test Report reference	RdP n°370-371-372-373.1IS0045/17 del 09/03/2017
Compliance according to EN 45545-2:2015	R25 - HL1, HL2, HL3

Place of production

All products are manufactured stored, identified and marked in the site of ELFI S.R.L. - Via Prato, 42 - 51031 Agliana (PT) - Italy.

Restrictions

The application of all the above products is subject to all the restrictions specified in the correspondent Test Reports, which must be considered by the Applicant / Manufacturer.

Note: This Attachment must be read in conjunction with the cited Module D_{RAIL}.

Prato, 22/12/2020

The Technical Director

PROPOSED

Dr. Luca Ermini

The Certification Manager

APPROVED

Dr. Massimo Borsini

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