

Information about the Manufacturer Declaration

The Fire Safety Manufacturer Declaration template was created by the UNIFE Fire Safety Topical Group in order to clarify aspects in the technical specification for interoperability relating to the rolling stock subsystem - 'Locomotives and passenger rolling stock' of the trans-European conventional rail system, TSI LOC&PAS: 2023 Regulation (EU) N.1302/2014, amended by Commission Implementing Regulation (EU) 2020/387 of 9 March 2020, and Commission Implementing Regulation (EU) 2023/1694 of 10 August 2023 clauses 4.2.10.2.1 and its Application Guide GUI/LOC&PAS TSI/2023 clause 2.4.65. that are related to material requirements and fire behaviour testing of products that are supplied to the railway industry.

The TSI LOC&PAS:2023 states the following with regards to fire safety test certificates / test reports:

4.2.10.2.1 Material requirements

(1) *The selection of materials and components shall take into account their fire behaviour properties, such as flammability, smoke opacity and toxicity.*

(2)

(3) *In order to ensure constant product characteristics and manufacturing process, it is required that:*

— *the test reports to prove compliance of a material with the standard, which shall be issued immediately after testing of this material, shall be renewed every 5 years,*

— *in case there is no change in the product characteristics and manufacturing process, and no change in the related requirements (TSI), it is not required to perform new testing of this material; expired test reports shall be accepted provided they are accompanied with a statement delivered at the placing on the market of the product from the original equipment manufacturer, and stating that there has been no change in the product characteristics and in the manufacturing process, covering the complete supply chain involved, since the fire behaviour properties of the product were tested. This statement shall not be delivered later than 6 months after the initial test report is expired. This statement shall be renewed every 5 years.*

Application Guide GUI/LOC&PAS TSI/2023 clause 2.4.65 precise the following with regards to fire safety test certificates / test reports:

2.4.65. Point 4.2.10.2.1:Material requirements

Test reports older than five years could be accepted if TSI requirements have not changed and it is demonstrated that the product manufacturing process and material characteristics remain unchanged. This demonstration should cover the complete supply chain involved in the product manufacturing process and consists in:

checking the certification of the quality management system of original equipment manufacturers involved in the supply chain (e.g. via its certification against standards such as ISO 9001:2015, ISO/TS 22163:2017, IRIS, etc)

sampling of additional evidences provided by the applicant (e.g. product configuration management, quality control, audits, etc)

In any case, the demonstration above needs to be performed every five years.

UNIFE manufacturer declaration on fire behaviour of supplied products (template available on the UNIFE webpage provides an acceptable mean of compliance with the requirement above.

These requirements are applicable to products that are used in locomotives and passenger rolling stock.

This Manufacturer Declaration template was written for the fire safety standard EN 45545-2:2013+A1:2015 and/or EN 45545-2:2020 and the quality requirements that are stated in the declaration are consistent with the requirements outlined in EN 45545-2:2013 and/or EN 45545-2:2020.

Test certificates / reports are valid for 5 years from the date of issue and the validity period can be extended in periods of 5 additional years if the manufacturer of the product can ensure that the product characteristics are maintained over time.

The Manufacturer Declaration can also be used for notified national standards by altering the standard reference.

A Manufacturer Declaration can only be issued by the company which is the actual manufacturer of the end use product.

UNIFE Template – Fire Safety Manufacturer Declaration – Fire Behavior of Supplied Products

A Manufacturer Declaration can be issued for either a product or product family where the material composition is consistent for the scope of products supplied. A Manufacturer Declaration can be issued for products that are supplied in a range of thicknesses, as long as the test certificates issued are valid for the thinnest and thickest application supplied.

The Manufacturer Declaration shall be submitted to the customer with the test certificates / reports that are referenced.

The customer of the end use product ultimately determines whether the Manufacturer Declaration are accepted or not.

Note that the latest revisions of the following UNIFE templates can be found on the website (<https://www.unife.org/activities/standards-and-regulation/key-eu-and-industry-documents/>):

- Fire Certificate Inventory List (EN 45545-2)
- Fire Safety Manufacturer Declaration (EN 45545-2)

Manufacturer Declaration – Fire Behavior of Supplied Products

Hereby, we [name of supplier]

[address]

duly represented by our attorney-in-fact, declare that our product

[commercial reference]

[supplier part number]

[Classification(s) met according to EN 45545-2]

conform to the fire behaviour requirements for products and/or materials in accordance with the European Directive (EU) 2016/797 and the technical specification for interoperability relating to the rolling stock subsystem - 'Locomotives and passenger rolling stock' of the rail system in the European Union, TSI LOC&PAS: 2023 Regulation (EU) N.1302/2014, amended by Commission Implementing Regulation (EU) 2020/387 of 9 March 2020, and Commission Implementing Regulation (EU) 2023/1694 of 10 August 2023 clauses 4.2.10.2.1

and its Application Guide GUI/LOC&PAS TSI/2023 clause 2.4.65.

Furthermore, the undersigned company certifies and declares under sole responsibility:

- *That the product has been tested in accordance with the applicable requirement set(s) of the EN 45545-2 fire safety standard and that the test samples provided was representative of the mean production characteristics. Evident test reports issued by independent test laboratories accredited to EN ISO/IEC 17025 for these tests verify the conformity of the product.*
- *That there has been no change in the product characteristics and the manufacturing process since the fire behavior properties of the product was verified, irrespective as to whether the product is manufactured completely or partially by the supplier, any subcontractor or any third party.*
- *That the continued conformity with the fire behaviour requirements is ensured by means of adequate controlled and properly maintained quality assurance measures in the design and manufacturing process of the product.*
- *That the test reports and/or the conformity declarations with verified test results that are associated with this manufacturer declaration have been properly specified below and handed over to the customer.*

Test Reports/Conformity declarations associated with the manufacturer declaration:

Test Report/Conformity Declaration: Date of Issue:

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Test Report/Conformity Declaration: Date of Issue:

Test Report/Conformity Declaration: Date of Issue:

Test Report/Conformity Declaration: Date of Issue:

This declaration is valid for 5 years from the date of issue and thereafter the supplier shall revise it every 5 years.

Authorized Representative:

Name:

Position/Function:

Signature:

Date:

Manufacturer Declaration article no:

Manufacturer Declaration – Fire Behaviour of Supplied Products, UNIFE Template: rev: ...

UNIFE Template – Fire Safety Manufacturer Declaration – Fire Behavior of Supplied Products

NOTE: In case of changes in either the product characteristics or the manufacturing process the supplier shall immediately inform the customers. The new/modified product has to be qualified according to the applicable requirement set of EN 45545-2.