

Report for fire performance according to EN 45545-2; Fire protection on railway vehicles

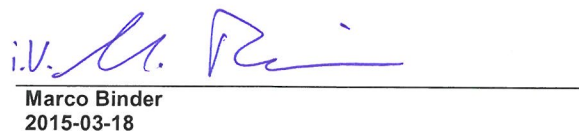
Product

BRKCS 4D/9

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Releases


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Content

1. History	3
2. Scope	3
3. Connectors	3
4. Requirements	3
4.1. Essential fire safety objectives	3
4.2. Hazard level	3
5. Assessment procedure	4
6. Conclusion	5

1. History

Version	Date	Released	Author	Changes
00	2015-03-18	Yes	Jan Derbogen	Document created

2. Scope

This report describes the procedure that is done to evaluate the compliance of the connector according to EN 45545-2.

3. Connectors

Product Code	Order Number	Serial Number
BRKCQS 4D/9	934831001	-

4. Requirements

4.1. Essential fire safety objectives

The design of rolling stock and the products used shall pursue the objective of limiting fire development. Should an ignition event occur, an acceptable level of safety shall be achieved.

4.2. Hazard level

Since the combustible mass of the connectors is < 10 g, the standard EN 45545-2 doesn't specify a classification according to Hazard levels.

Assessment procedure

According to EN 45545-2 capture 4.3 there are no requirements to products with a combustible mass of < 10 g not in touching contact with another unclassified product.

The assessment process for the connectors is visualized in the following flow chart (Figure 1).

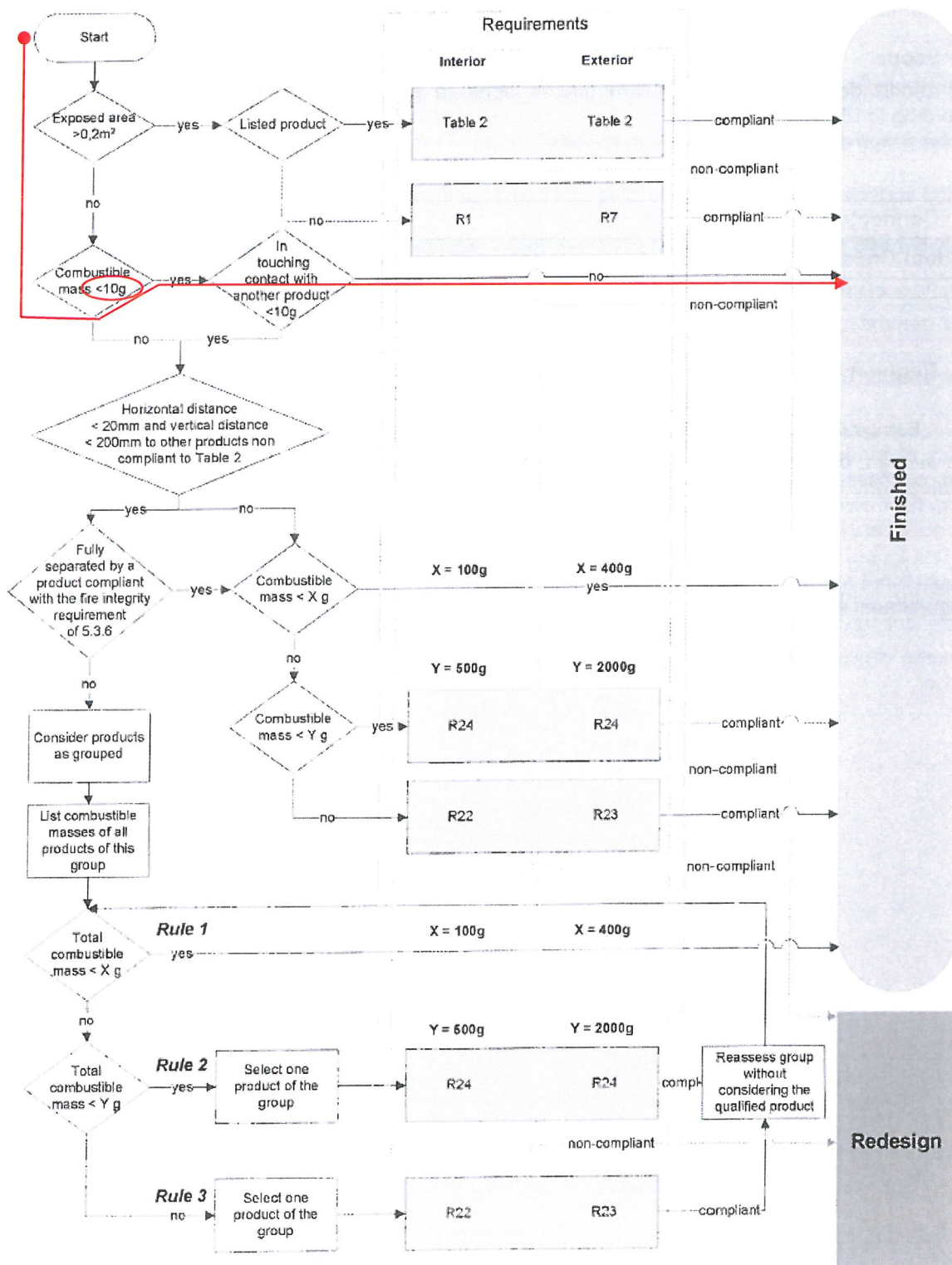


Figure 1

5. Conclusion

The total combustible mass of the connectors is < 10g.
No classification according to Hazard levels.

The device is compliant to the requirements of EN 45545-2.