

Ett BRANDFORSK projekt

Brandrisker i kollektivtrafikfordon är inte reglerade i några bestämmelser. Det finns dock ett behov av att veta mera om brandrisker i fordon som trafikeras i kollektivtrafik.

Projektet har studerat ett antal produkter för att analysera risker för brand i passagerarfordon.

Testerna av motstånd mot brand gav goda resultat. Förmågan att motstå brand kan dock förändras om viktiga konstruktionsdelar blir skadade i en krock.

Olika testmetoder presenteras i rapporten.

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Fire risks in public transportations is an area which is not controlled by regulations and standards. There is, however, a demand from users, producers and legislators of more knowledge of fire risks in buses, trains etc.

In this project we have studied a number of ways of analyzing products by using different test methods considered appropriate for analysis of fire risks in passenger transportation vehicles.

The tests of fire resistance that were conducted in the project gave very good results. It should be noticed, though, that in a crash important separating constructions can be damaged or deformed so that the fire resistance decreases or even disappears completely.

In this report different test methods are described. Tests have been carried out on some products and the results and ways of interpreting them are reported. The last chapter contains some general advice in this field.