DIN EN 45545-4:2015-11 (E)

Railway applications - Fire protection on railway vehicles - Part 4: Fire safety requirements for rolling stock design

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Fire protection measures 5
4.1 General 5
4.2 Minimizing the risk of a fire starting 6
4.2.1 General preventive measures 6
4.2.2 Catering and cooking areas 6
4.2.3 Luggage storage inside passenger areas 7
4.2.4 Visibility in passenger areas 7
4.2.5 Litter bins, ash trays and refuse containers 7
4.2.6 Monitors and televisions 7
4.3 Evacuation and escape 7
4.3.1 Passenger emergency exits 7
4.3.2 Evacuation measures 8
4.3.3 Escape measures 9
4.3.4 Functions of systems for running capability 11

5 Evaluation of conformity 11

Annex A (informative) Design guidance 12

A.1 General preventive measures 12
A.2 General design features 12
A.3 Seats 12
A.4 Air conditioning and ventilation systems 13
A.5 Heaters 13
A.6 Protection against sparks 13

Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC 14

Bibliography 16