

# Publications of the Committee on road tunnels

## LATEST PUBLICATIONS FROM THE COMMITTEE (ELECTRONIC VERSIONS ONLY)

1. [Tools for road tunnel safety management](#)  
PIARC Technical Committee C3.3 Road tunnel operations
2. [Human factors and road tunnel safety regarding users](#)  
PIARC Technical Committee C3.3 Road tunnel operations
3. [Urban road tunnels - Recommendations to managers and operating bodies for design, management, operation and maintenance](#)  
PIARC Technical Committee C3.3 Road tunnel operations
4. [Road tunnels: an assessment of fixed fire fighting system](#)  
PIARC Technical Committee C3.3 Road tunnel operations
5. [Guide to Road Tunnels Air Quality Impact](#)  
PIARC Technical Committee C3.3 Road tunnel operations
6. [Management of the operator - Emergency teams interface in road tunnels](#)  
PIARC Technical Committee C3.3 Road tunnel operations
7. [Risk analysis for road tunnels](#)  
PIARC Technical Committee C3.3 Road tunnel operations
8. [Integrated approach to road tunnel safety](#)  
PIARC Technical Committee C3.3 Road tunnel operations
9. [Guide for organizing, recruiting and training road tunnel operating staff](#)  
PIARC Technical Committee C3.3 Road tunnel operations
10. Road tunnels: operational strategies for emergency ventilation

[7723,WEB-2011R02.pdf \(1287 K\)](#)

## LAST REPORT TO BE PUBLISHED IN PAPER FORMAT

« Systems and Equipment for Fire and Smoke Control in Road Tunnels »



This report (bilingual English-French) prepared by the Technical Committee on Road Tunnel Operations (C3.3) is an update of the report "Fire and Smoke Control in Road Tunnels" published in 1999 and reprinted in 2004.

This 344-page report draws the lessons from the fires that occurred in the alpine tunnels and makes recommendations on ventilation, emergency exits, fire detection and fire fighting equipment, and operational responsibilities in case of emergency.

**For the time being, this report is available in hard copy only.**

[For further information on this document and how to order.](#)

## **SPECIAL OFFER TO MARK THE 50th ANNIVERSARY OF THE PIARC TECHNICAL COMMITTEE ON ROAD TUNNELS**



In 1957, PIARC decided to establish a Technical Committee devoted to Road Tunnels. To mark the 50th Anniversary of the Committee, a special offer is reserved for those ordering the latest report of the Committee entitled « Systems and Equipment for Fire and Smoke Control in Road Tunnels » (ref. 05.16.B).

You can purchase the collection of the 12 reports produced by the Road Tunnels Committee since 1995--and still up-to-date--at a 50% discount, i.e. 104 EUR for non members; 81 EUR for PIARC members, non priority postage included. Shipping costs by courier at your own expense.

**This offer is valid only if combined with the purchase of a copy of the latest report « Systems and Equipment for Fire and Smoke Control in Road Tunnels » (ref. 05.16.B).** You can therefore buy 13 Road Tunnel reports at the special price of 131 EUR for PIARC members; 166 EUR for non members.

[To order the collection of 12 reports and a copy of the 05.16.B report](#)

The 12 reports included in the special offer:

- 05.01.B The First Road Tunnel
- 05.02.B Road Tunnels: Emissions, Ventilation, Environment
- 05.03.B Classification of Tunnels
- 05.04.B Road Safety in Tunnels
- 05.05.B Fire and Smoke Control in Road Tunnels
- 05.06.B Road Tunnels: Reduction of Operating Costs
- 05.09.B Pollution by Nitrogen Dioxide in Road Tunnels
- 05.11.B Cross Section Geometry in Unidirectional Road Tunnels
- 05.12.B Cross Section Design of Bidirectional Road Tunnels
- 05.13.B Good Practice for the Operation and Maintenance of Road Tunnels
- 05.14.B Road Tunnels: Vehicle Emissions and Air Demand for Ventilation
- 05.15.B Traffic Incident Management Systems Used in Road Tunnels