zintec Zuverlässigkeitstechnik

eduRail

Special Course
Planning of Reliability and Safety for Railway Projects

According to the CENELEC Standards EN 50 126ff (RAMS)

Content

Basics
Reliability techniques, risk and safety, failure behaviour of components, system reliability, availability and safety, reliability statistics and methods of different analyses

The Planning Process for Reliability, Availability and Safety According to the CENELEC Standards
Expectances and requirements, legal basics and standards, optimisation of systems, life cycle costing (LCC), the planning process concerning RAMS, safety cases according to EN 50 129 (HW)

Implementations / Case Studies

Presentation of an Exemplary Case, Implementation of own Appliances

Speakers

A. Aepli, Vertreter BAV, F. Eichenberger, Dr. M. Kehrli, Dr. R. Lütolf,
Dr. M. Montigel, Dr. U. Roth, Prof. Dr. U. Weidmann, P. Zinniker

Duration

6 days:
14./15. October, 11./12. November, 12. December 2008, 16. January 2009

Location: **Conference Center Olten**

Language: **German**

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Target Audience

Staff (level engineer) of railway operating and infrastructure companies, of railway industry and engineering consultants, who are dealing directly or indirectly with the questions of RAMS at railways.

Assumed Knowledge

Basic knowledge of railway technology is mandatory (i.e. *Einführungskurs in die Eisenbahntechnik* of eduRail). Furthermore, mathematical basic knowledge is an advantage, particularly the theory of probability and statistics.

Documentation

The participants receive the documentation by electronic ways.
(The CENELEC standards are not handed out, at the best you bring with you the copy of your employer.)

Charges

CHF 2'500.- per participant incl. catering in small pauses, excl. lunch.

Registration

Please send an e-mail to info@eduRail.com.

The maximum number of participants is limited to 15 persons.

Contact

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q.v. http://edurail.eu/index.php?seite=RAMS2008

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