

Minutes of CTIF Meeting Commission *Fire Prevention*

21 to 22 July 2009 in Ostrava, Czech Republic

VSB-Technical University of Ostrava, Faculty of Safety Engineering

Participant of Meeting:

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1. Welcome and opening of the meeting (Ales Dudacek . Dean of Faculty of Safety Engineering. Mr. Dudacek introduced your faculty, which already for 40 years (from 1968) has been providing university education in the field of fire protection and industrial safety.
2. Presentation of the all attendant participants and Matti Orrainen presented the agenda for the Meeting in Ostrava.
3. Discussion of decisions of Meeting in Saint Petersburg (2. . 3. 10. 2008). Acceptance of the protocol of Russia Meeting.
4. Presentation of Rudolf Kaiser (Director of Fire prevention, General Directorate of Fire Rescue Service of the Czech Republic) about:
 - Activities of Ministry of Interior, General Directorate of the Fire Rescue Service of the Czech Republic (FRS CR) . organizational structure
 - Activities of Prevention Department of the General Directorate FRS CR
 - Regional FRS Activity in the field of Fire Prevention
 - Basic Legislation of the Czech Republic in the area - Fire protection and Technical requirements for the fire protection of buildings
 - Monitoring of fire events in the Czech Republic (Statistical Yearbook . ways of record of dates)
 - Fire Safety Engineering in the Czech Republic (alternative design methods)

5. Presentation *%Fire Protection of Building in the Czech Republic+*, Petr Kucera
 - History of Fire Protection of Building and Basic Requirement of Fire Safety
 - Main technical Rules and Standards in the Czech Republic
 - Design of (non)industrial buildings (e.g. fire risk, fire resistance, evacuation, fire distance and equipments for fight-fighting intervention)

6. Visit at *%Fire Museum in Ostrava and presentation about Emergency Call Centre in Ostrava+*
 - Demonstration of model events (e.g. fire, leakage of dangerous materials)
 - History of fire fighting techniques and fire departments including video projection of activities of Fire rescue brigades in Czech Republic
 - Activities of Emergency Call Centre (ECC) . centre of fire brigade, health rescue service, state police and metropolitan police. ECC accepts emergency calls and coordinates the rescue actions from the same place.
Working Principle of ECC . acceptance and evaluation of calls requiring the emergency help, allocation of emergency units according to the accepted emergency call, sending forces and sources according to the situation, support via incident supervision, provision of information concerning the situation, realization of predetermined activities (e.g. warning of inhabitants), record, documentation and archiving of incidents information, mediation and provision of other services.

7. Visit of *%Underground Exposition+*
 - The largest mining museum in the Czech Republic is located at the south-eastern foothill of Landek (city of Ostrava).
 - The Underground Exposition tries to salvage and collect mining technology, documents and photographs related to black coal mining in the Ostrava region.

8. Actual subject *%Guideline - Smoke alarm in the home+*, Matti Orrainen
 - Basic information was given on the maintenance suggestions of smoke alarms in homes (validation and obligatory smoke detection in the residential building).
 - Matti Orrainen described the different types of smoke alarms and how they detects fire or smoke.
 - Matti Orrainen suggested preparing comments Guideline CFP-A-E Guideline No. 10 *%Smoke alarms in the home+*
 - **TASK for all E** to send comments about the Guideline *%Smoke alarm in the home+* to **Matti Orrainen** (matti.orrainen@spek.fi) **by April 2010**.

9. Report *%Residential sprinkler system Guideline in the Nordic countries+*, Hans Andersson
 - There has been a collaboration to create a common guideline for residential sprinkler system. All five Nordic countries . Sweden, Norway, Denmark, Iceland and Finland . have participated and the result are two standards that are to be published in each country in autumn 2009.
 - One standard is for design, installation and maintenance of the system and the other standard is for the residential sprinkler head. The standard covers all kind

of residential buildings and with no height limitations, private homes as well as hotels and care institutions, but the standard requires that areas that are not typical for residential occupancies shall comply with EN 12845.

- The work has been supported by the authorities as well as the sprinkler industry and is supposed to help the growth of the use of residential sprinkler systems in the five countries.

10. New Proposal *%Guideline of evacuation drill+* .
suggested Ales Jug

- Ales Jug proposed a plan to make practical Guideline of evacuation drill, which will serve to help occupants of the building and Fire rescue brigades.
- Guideline of evacuation drill should check especially . manner of declaration fire alarm (fire alarm system), activation of responsible persons for organization of evacuation, verification of functionality and utility of fire safety equipments.
- **Coordinator this Guideline - Ales Jug** (ales.jug@fkkt.uni-lj.si)
 - First info for participants from Ales Jug by **end of September 2009**
 - Proposal of Guideline with comments by **end of April 2010**.

11. Research Report *%Serious Injuries Caused by Fires in Finland 2007-2008+* by Matti Orrainen

- This research report concern is to reduce number death in fire in Finland.
- The report dealt with causes of fire, especially in the households. Next precautions were recommended . reduction of smoke inside the building, reducing of alcohol use, installation of smoke alarms to every bedroom and corridors and cooperation between authorities.

12. Report of Visit in Chicago on June 2009 *%NFPA Seminars+*, Matti Orrainen

- Matti Orrainen informed about his visit in Chicago and focused to the fire and sprinkler burn demonstration with two furnished rooms (one protected with a home fire sprinkler).
- The demonstration showed the tremendous speed of a typical home fire and its potential for deadly destruction in one room and how quickly a home fire sprinkler system controls a fire and can save lives and reduce property damage in the other room.

13. Next meeting of CTIF Commission *%Fire Prevention+*

- June 2010 . Leipzig in Germany (during the fair INTERSCHUTZ and CTIF Delegates Assembly)
- 2011 . Ljubljana in Slovenia (preliminary draft)

Wrote:
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