



Ministry of Interior

General Directorate of the Fire Rescue Service

of the Czech Republic

 Prevention Department

 2009

Ministry of Interior

 General Directorate of the Fire Rescue Service of the Czech Republic


Tasks and Mission

The basic mission of the Fire Rescue Service of the Czech Republic is to protect lives and health of population and property against fire, and provide efficient assistance in cases of emergencies.

In the fulfilment of its tasks it cooperates with administrative authorities and other state bodies, local administration bodies, juridical and physical persons, with international organizations and foreign subjects.

The Fire Rescue Service of the Czech Republic fulfils the tasks within the extent and under the conditions provided for by special legal regulations which are, especially:

- Law No. 133/1985 on fire protection, in the wording of later regulations
- Decree No. 21/2008 on the technical requirements for the fire protection of buildings,
- Decree No. 246/2001 On stipulation of fire safety conditions and on State fire supervision performance (Decree on fire prevention)



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Country: Czech Republic Population 10 381 130 Personnel

Fire prevention 470 professional employees FRS CR (HZS CR)

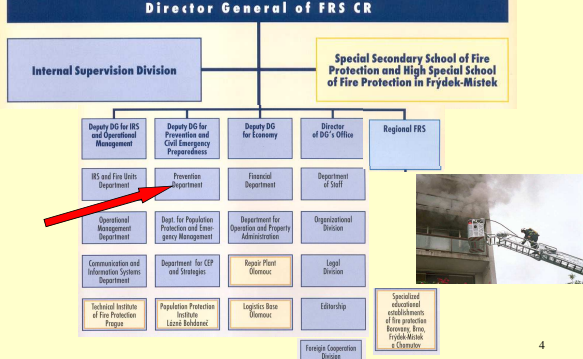
Fire brigades 6 529 professional employees FRS CR (HZS CR) and 2 818 firm's employees and 76 026 voluntary firemen.

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Director General of FRS CR



Internal Supervision Division

Special Secondary School of Fire Protection and High Special School of Fire Protection in Frýdek-Místek

Deputy DG for IS and Operational Management

Deputy DG for Prevention and Civil Emergency Preparedness

Deputy DG for Economy

Director of DG's Office

Regional FRS

IS and Fire Unit Department

Prevention Department

Financial Department

Department of Staff

Operational Management Department

Dept. for Population Protection and Emergency Management

Department for Operation and Property Administration

Organizational Division

Communication and Information Systems Department

Department for CEP and Strategies

Report Plans Unit

Legal Division

Technical Institute of Fire Protection Prague

Population Protection Institute Lt. Col. Bohdaneš

Logistics Base Ústí nad Labem

Editorship

Foreign Cooperation Division

Specialized operational establishments of fire services: Brno, Frýdek-Místek & Olomouc


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Organizational Structure

The General Directorate manages 14 regional FRS



Regional FRS

- Capital of Prague
- Central Bohemia
- South Bohemia
- Píseň
- Karlovy Vary
- Ústí nad Labem
- Liberec
- Hradec Králové
- Pardubice
- Vysočina
- South Moravia
- Olomouc
- Moravian Silesian
- Zlín

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Prevention Department of the General Directorate FRS CR Activity

The Ministry (General Directorate of FRS CR) is entitled to specify by legal regulations technical conditions of fire protection of buildings and technologies, the conditions of fire safety of products and business, where fire risk exists, technical conditions of fire technique, fire equipment and fire safety installations.

Legal regulations specify:

- method of State Fire Supervision performance,
- contents and range of fire technical expertise,
- contents and range of fire safety solutions.




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Prevention Department of the General Directorate FRS CR Activity

- creating the Concept of Fire Prevention in the Czech Republic
- controls performance of State Administration in the field of Fire Prevention
- performs the role of State Fire Supervision and is the relevant State Administration Authority in the field of Fire Prevention
- controls fulfilment of duties, imposed by this Law to Regional Fire Rescue Services
- manages special education and specialized service performance in the field of Fire Prevention
- specifies methods of fire causes inquiry and in certain cases participates in that inquiry; prepares analyses of fire causes
- participates in preventive educational, publicity and editorial activities in fire protection field
- on request of regional Fire Rescue Services provides special and methodical helps considering documentation of buildings and technologies of special importance
- ensures fire technical expertise

Emergency calls



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Včasné zavolání může zachránit životy

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Jedliště se při požáru odhrazuje v ústředí, kdy je nutné se okamžitě objednat pomocí telefonní nebo mobilní aplikace

- není třeba se obávat přehlasení, pokud jste vyzváni k vyjetí, odložíte telefon
- budete požádáni o základní údaje, například o místo požáru
- pokud se na místě vyzváte, je vám umožněno pokračovat v práci
- nezapomínejte zavolat 112

Včasné zavolání může zachránit životy

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Co dělat v případě požáru

- zavolat na číslo 112
- pokud se chystáte na místo, zavolat na číslo 112
- v případě potřeby poskytnout základní údaje o místě požáru
- v případě potřeby poskytnout základní údaje o místě požáru

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Regional FRS Activity in the field of Fire Prevention

- creating the Concept of Fire Prevention in the Region
- performs the role of State Fire Supervision and is the relevant body of State Administration in fire protection field
- checks observance of decrees of regional and district authorities, concerning fire protection
- prepares basic data for relevant regional Administration Authorities and District Authorities in areas specified by law in the field of Fire Prevention
- provides for preventive educational, propagation and editorial activities in the field of fire protection, according to aims specified by the Ministry (GD FRS CR)
- deals with offences and administrative torts in the field of fire protection

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Regional FRS Activity in the field of Fire Prevention

State Fire Supervision is performed:

- by checking of observance of obligations, specified by fire regulations
- by consideration of territorial planning documentation, basic documents for territorial decrees, project documentation for building procedures, documentation for agreement with modifications before the building is finished, consideration of documentation for procedure of building purpose change, for ordering the necessary modifications, for ordering safety work, for procedure of remedy and for permitting of exceptions, in the range of fire safety solution according to special legal regulations
- by verification whether the conditions of fire safety of buildings, following from considered basic documents and from documentation, conditions following from issued opinions inclusive, have been met

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Regional FRS Activity in the field of Fire Prevention

- by evaluation of products, which are not considered as products specified according to special legal regulations, from the point of view of their fire safety, and by evaluation of functional capability of specified fire safety installations
- by approval of evaluation of fire risk of business with high fire risk
- by fire cause inquiry
- by checking of preparedness and operational capability of fire units
- by imposing provisions for removing of found faults, and by the check of meeting those provisions

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Statistics and reports.

In Czech Republic are filled statistics about fires and other fatalities and accidents. The response statistics are used to find trends, to provide facts for information. They are detailed enough for use in the drafting of new regulations. They are used for planning inspections and for employees training in many industrial branches. The rate of statistics results is reachable on <http://www.hzscr.cz> every year (in English).

Trends found from statistics. Conclusions made by Headquarters Fire & Rescue Service of Czech Republic. These conclusions were projected into new Regulation Nr. 23/2008 and in Czech Technical Standards (series ČSN 73 08 xx). Next time is planned Czech Technical Standards review.

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Requirements for fire prevention arrangements in buildings.
Description and explanation how the building process works. Fire safety issues handling. Specific problems in this area.

Requirements for new buildings and building projects come from Constructions Products directive 89/106/EEC main requirement Nr. 2 "Fire Safety", which is the base of Czech national legislation. Mentioned requirements are included into Czech law and Czech Technical standards.

Building process starts with issued the building permission. Building project has to include fire safety answers worked up Czech law and Czech Technical Standards. Building permission is issued in region building authority. In Czech building law are included requirements of responsible person who can provide this fire safety solutions for building project. Regional Fire Rescue Services in Czech Republic and Headquarters of Fire Rescue Service of Czech Republic are licensed to couch to building documentation for building permission.

This building process is working. In case any problems it is made by some obscure technical standard or clerk or designer, who made faults.

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The current state of supervision and inspection

The frequency of inspections is not generally determined for all objects.

The frequency of inspections is determined for special objects by Law about serious accidents prevention (frequency of inspections of lower level of danger risk objects is every 3 years, frequency of inspections of high level of danger risk object is every 1 year).

In case inspections provided by state fire rescue service are costs paid by state.

In case inspections provided by firm's fire rescue service or internal firm's department or specialists are costs paid by firm. These inspections have to be provided by specialists.

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General lessons have been learnt from fire inspections for example about materials, training of employees and organisation.

Fire & Rescue Service of the Czech Republic has created comprehensive education for members. Every 5 years as maximum are members re-examined and their professional ability is verified. During every year are organized special trainings for regional Fire & Rescue Service and for Headquarters Fire & Rescue Service of the Czech Republic. These trainings are intent on the transmit of topical information. Mentioned information includes new regulation, knowledge of science and techniques, new products and technologies, statistic data about inspections provided by state fire rescue service. Cause of fire rise, kind and number of faults at single operators are especially pursued. Results of information are taken advantage of creation of new or changed regulations and next inspections provided by state fire rescue service.


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Statistical Dates

	2003	2004	2005	2006	2007	2008
Number of fires	28 937	21 191	20 183	20 262	22 394	20 946
Direct losses (CZK)	1 836 614 000	1 669 305 000	1 634 371 000	1 933 991 700	2 158 494 200	3 277 297 400
Salvaged values (CZK)	7 646 975 000	6 977 363 000	7 110 116 000	9 182 541 000	8 974 428 000	14 545 693 000
Fatalities	141	126	139	144	130	142
Injured peoples	1 112	918	914	919	1 023	1 109



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Applications of Fire Engineering in the Czech Republic



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Legislature in the Czech Republic

- Change law No. 133/1985 Sb., about fire protection, subsequently amended.
- In the year 2006 facilitation use FSE. That was the first move legislature for usage FSE.
- The new law enables to the appointed FSE to criticise construction not only according to FSE procedures.

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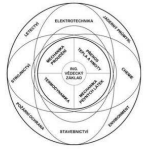
First publications introduction to the FSE in the Czech Republic

EDICE SPBI SPEKTRUM 52.

SDRUŽENÍ POŽÁRNÍHO A BEZPEČNOSTNÍHO INŽENÝRSTVÍ

PETR KUČERA
RUDOLF KAISER

ÚVOD DO POŽÁRNÍHO INŽENÝRSTVÍ

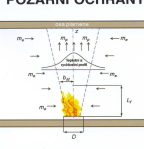


EDICE SPBI SPEKTRUM 56.

SDRUŽENÍ POŽÁRNÍHO A BEZPEČNOSTNÍHO INŽENÝRSTVÍ

PETR KUČERA
RUDOLF KAISER
TOMÁŠ PAVLÍK
JÍŘÍ POKORNÝ

METODICKÝ POSTUP PŘI ODLIŠNÉM ZPŮSOBU SPLNĚNÍ TECHNICKÝCH PODMÍNEK POŽÁRNÍ OCHRANY



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Philosophy of document preparation in the CR

- Prepared philosophy will represent philosophical engineering progress for assesment of fire scenarios and design fires. Starting source of text material for this document will be international standard ISO/TR 13387 - 2 *Fire engineering - part 2: Design fire scenarios and design fire*.
- Submitted engineering process will be related to the constructions, that are for reasons of its range, position, way of usage or by other characteristics considered as risky and demand usage of special evaluative methods. For analysis of common constructions will be used fundamental norms of fire safety constructions.

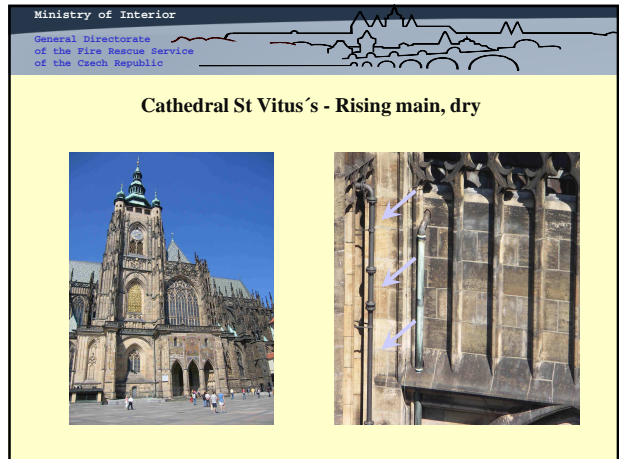
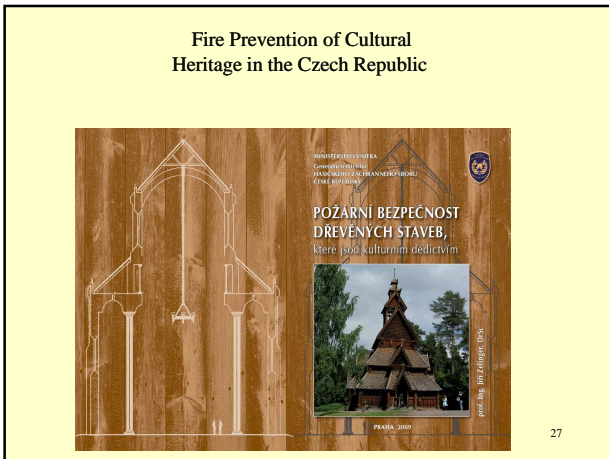
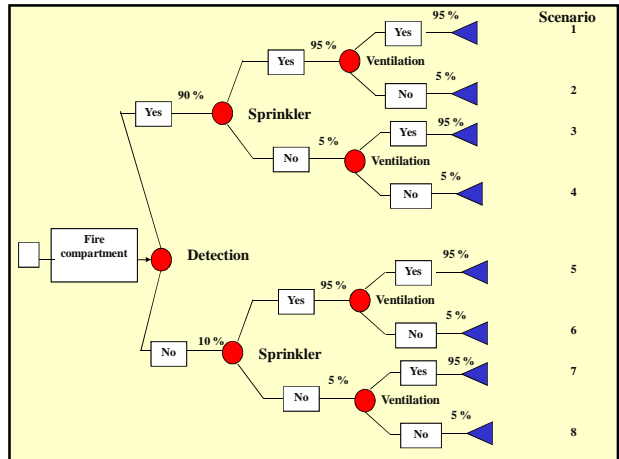
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Philosophy of document preparation in CR

- The objective of fire engineering methods is proposition of building and technical system measures that will lead to achievement of acceptable exposure (measure of risk).
- The document contains the general principles of process for assesment of design fire scenarios and design fire, without detailed specifications of methods for assesment of input values or parameters. Being usable are considered methods from tested sources with sufficient measure of veracity.

Type building, type fire, systems impacting on fire, occupant response, design fire scenario, consideration of probability, consideration of consequence, risk ranking

Užitkové účel	KR0001 Dělnický	KR0001 Všeobecná	KR0001 Kancelář	Učebna	KR0001 Všeobecná	KR0001 Kancelář	KR0001 Dělnický
Adresní	Nabídka	Přístřešek	Výhledový	AB2	0,18	11000	1908
		Nedostatek	Novohavský	AB2	0,045	11000	495
		Nedostatek	Výhledový	AB3	0,02	11000	220
Čistá	Přístřešek	Přístřešek	Novohavský	AB4	0,093	11000	1029
		Nedostatek	Výhledový	AB3	0,02	142000	2840
		Nedostatek	Novohavský	AB6	0,066	142000	9372
Kouč	Přístřešek	Přístřešek	Novohavský	AB6	0,066	920000	60720
		Nedostatek	Výhledový	AB10	0,216	400000	86640
		Nedostatek	Novohavský	AB10	0,216	400000	86640



Thank You!

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