

EDUCATION

in the field of major hazard prevention

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Object in View

→ Risk Management

Risk Analysis

- Risk Assessment
- Preventative Safety Measures
(technical and organizational)

→ Risk reduction and accident prevention, effective emergency preparedness and response

Importance

Different depth of learning

- Safety Documents
Authors/Experts/Reviewers
- Operators/Industry
- Interested bodies of state administration
- Interested municipalities
- Public

Quality of Safety Documents

- level of safety documents → quality improvement
- shortcomings still remain
 - ❖ non-respect of recommendation
 - ❖ deficient knowledge of safety documents authors
- imperfections in all parts

Safety engineering

Theoretical basic part:

- mathematics, physics, general chemistry, chemical and processing engineering, ecology, toxicology, reliability systems, management systems...

Applied part:

- occupational health and safety, fire protection, emergency and land-use planning

University Education

- **Technical University of Ostrava** – Faculty of Safety Engineering
→ specialized unit: Laboratory for Risk Research & Management → **LabRisk**
(risk analysis, industrial risk management, human factor and major accident risks)
- **Technical University of Liberec**
- **Institute of Chemical Technology Prague** – Department of Organic Technology → study Chemical Process Safety
- **Brno University of Technology**
- **Police Academy Prague**

Education and Training

- **Professional qualifications** – special course
- **E-learning** – OECD Guiding Principles for Chemical Prevention, Preparedness and Response
- **Distance learning** – „Safety management system and emergency planning“
- **EDFORSA Project** – „Education for Safety“ → electronic course „Risk Prevention and Health Protection“
- **Journal of Safety Research and Applications (JOSRA)** – electronic journal
- Seminary/Lectures/Trainings
- Adult Education (enlightenment)

Thank you for your attention



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