Accident Risk Assessment in Latvia

- Highest risk industries in Latvia

- Industrial Accident Risk Assessment Procedure

- Industry process safety performance, Strengths and Weaknesses
Latvia

Membership in international organizations:
- Member of NATO since 2004
- Member of EU since 2004
- Member of WTO since 1998
- Member of OECD since 2016

- Size of area 64,573 km²
- Population 1,98 million

Ethnic composition - 61.6% Latvian, 25.8% Russian, 3.4% Belarusian, 2.2% Ukrainian, 2.1% Polish, 1.2% Lithuanian, 3.4% other nationalities

Capital city Riga
- 531 km coastline
- 3 main sea ports

68 establishments
where dangerous substances are presented -
- petroleum products (gasolines, gas-oils and alternative fuels)
- gas (propane-butane mix)
- CANCEROGENES
- ammonium nitrate

Responsibilities
Industrial Accident Risk Assessment Procedure

Responsible person

Application with regard to dangerous substances
- State Environmental Service

Industrial Accidents Prevention Programme
- Safety Report
- Civil protection plan

6 months prior to commencing the activity

4 months prior to commencing the activity

Based on the recommendations of the RAC, the SEB proposes to carry out the complex inspection of the establishment by the:
- State Environmental Service
- State Fire and Rescue Service
- State Labour Inspectorate
- Consumer Rights Protection Centre

Risk Assessment Committee (RAC)

Assessment of the Safety Report, Industrial Accidents Prevention Programme and domino effect

Opinion regarding the safety report or industrial accident prevention programme

DECISION

The SEB informs on the decision:
- State Environmental Service
- State Fire and Rescue Service
- State Labour Inspectorate
- Consumer Rights Protection Centre

Based on the recommendations of the RAC, the SEB requests additional information

Information to public
- State Fire and Rescue Service
- Civil protection plan outside the object

The SEB informs municipalities about the establishments and territories that may be affected in case of accident and domino effect caused thereof

on continuation or commencement of the operation of the establishment without any additional conditions

on amendments or supplements to the safety report or industrial accident prevention programme

on the necessity to remake the safety report or industrial accident prevention programme

the responsible person makes additional measures according to the decision of and tasks set by the State Environmental Bureau
Industry process safety performance

Weaknesses
- economic interests still quite often prevail over the safety aspects which causes:
  - reduction of the safety measures in the establishments
  - fall of staff qualification level
  - technical deterioration of the technological equipment

Strengths
- the operators become more experienced, informed and responsible
- improvement of the inspection process, the state institutions tend to cooperate more close and less bureaucratic burdensome
- learning from existing disasters and accidents experience
- No serious major accidents accrued in Latvia so far!

Thank you!

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