



# Experience in evaluation of Safety Reports



REPUBLIC OF SERBIA  
MINISTRY OF ENVIRONMENT  
AND SPATIAL PLANNING



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# LEGISLATION

Law on Environmental Protection LEP ("Official Gazette of RS", no.135/04).

Regulation of Methodology for accident hazard assessment and the environmental pollution assessment, with the measures of preparation and mitigation measures ("Official Gazette of RS", no. 60/94).

Law on amending and supplementing the Law on Environmental Protection ("Official Gazette of RS", no.36/09).

Law on Ratification of the Convention on transboundary effects of industrial accidents ("Official Gazette of RS",no.41/09).



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# Regulations in procedure of adoption

Regulation on the content and methodology of elaboration of Major-accident Prevention Policy, Safety Report and Internal Emergency Plan.

Regulation on the content of notification for new seveso installations and establishments, the existing seveso installations and establishments, for permanent closure of the seveso installations and establishments.

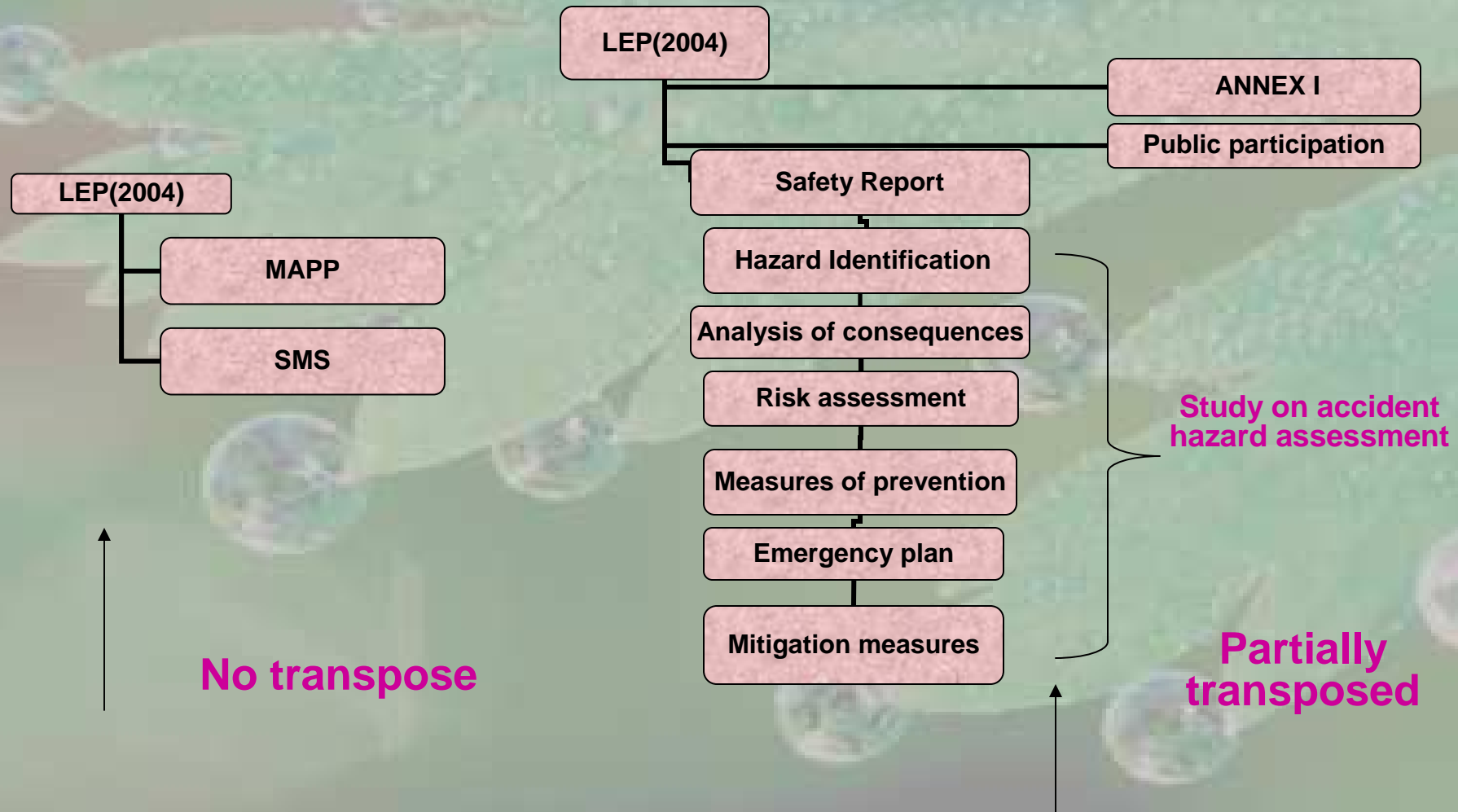
Regulation on the list of dangerous substances and their quantities on the basis of which obligation of elaboration of Major-accident Prevention Policy, Safety Report and Internal Emergency Plan is determined.



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# Transposition of the Directive



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# Transposition of the Directive

**LAW ON AMENDING AND SUPPLEMENTING THE LAW ON ENVIRONMENTAL PROTECTION (2009)**

**MAPP  
SMS  
Safety Report  
Internal Emergency Plan**

**Obligation for submitting Notification**

**Public participation**

**Increased competence of Inspection  
(Prohibition of use)**

**Annex I**



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# Seveso companies

Preliminary list of Seveso sites

Number of Seveso sites: 131

65 lower tier / 66 top tier sites

Main Seveso activities

- Chemistry (petroleum, petrochemical industry, fertilizer plants...)

- LPG storage

- Petroleum products storage and distribution

- Cooper mining

- Storage of dangerous substances

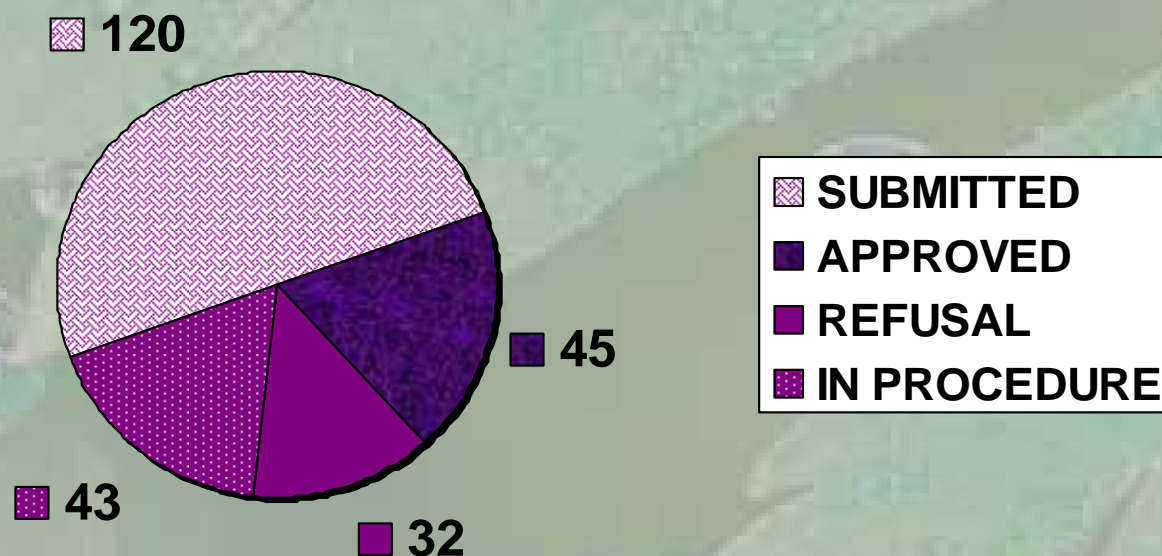


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# Number of submitted Studies on Accident Risk Assessment 2005-2009



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# Competent authorities

Ministry of Environmental and Spatial Planning - Central competent authority for reviewing of SR and Internal Emergency Plan

Areas of interest - SR, MAPP, Internal Emergency Plan  
5 people (chemical engineers, doctor of medicine)

According to LEP, Minister can form working group – Technical commission for review of SR and Internal emergency plan



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# Competent authorities

Members of Technical commission

- MESP
- Other institutions (Ministry of Interior, Ministry of Agriculture, Forestry and Water Management - Water Directorate, Ministry of Labor on Social Policy – Directorate for Occupational Health and Safety)
- External experts

Members are of various professions: chemists, mechanical, chemical, civil, electric, environmental protection, hydrogeology engineers, medics...



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# Procedure for evaluation of studies and decision making

MESP is leading and coordinating the procedure

- evaluation by the authorities – 2 months minimum,
- reviewing of submitted studies,
- visit of site and installations,
- request for additional information,
- review of supplemented study,
- decision making (approval or refusing),
- approvals and refusals could be appealed within 15 days of the receipt of the formal letter,
- inspection



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# Procedure for evaluation of SR

MESP is leading and coordinating the procedure

- evaluation by the authorities – 2 months minimum,
- reviewing of submitted SR and public participation,
- visit to seveso site and installations,
- written reports of members of Technical commission,
- decision of Technical commission,
- request for additional information,
- reviewing of supplemented SR,
- evaluation by Technical commission,



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- decision making of the competent authority (approval or refusing),
- notification of the public,
- approvals and refusals could be appealed within 15 days of the receipt of the formal letter,
- inspection

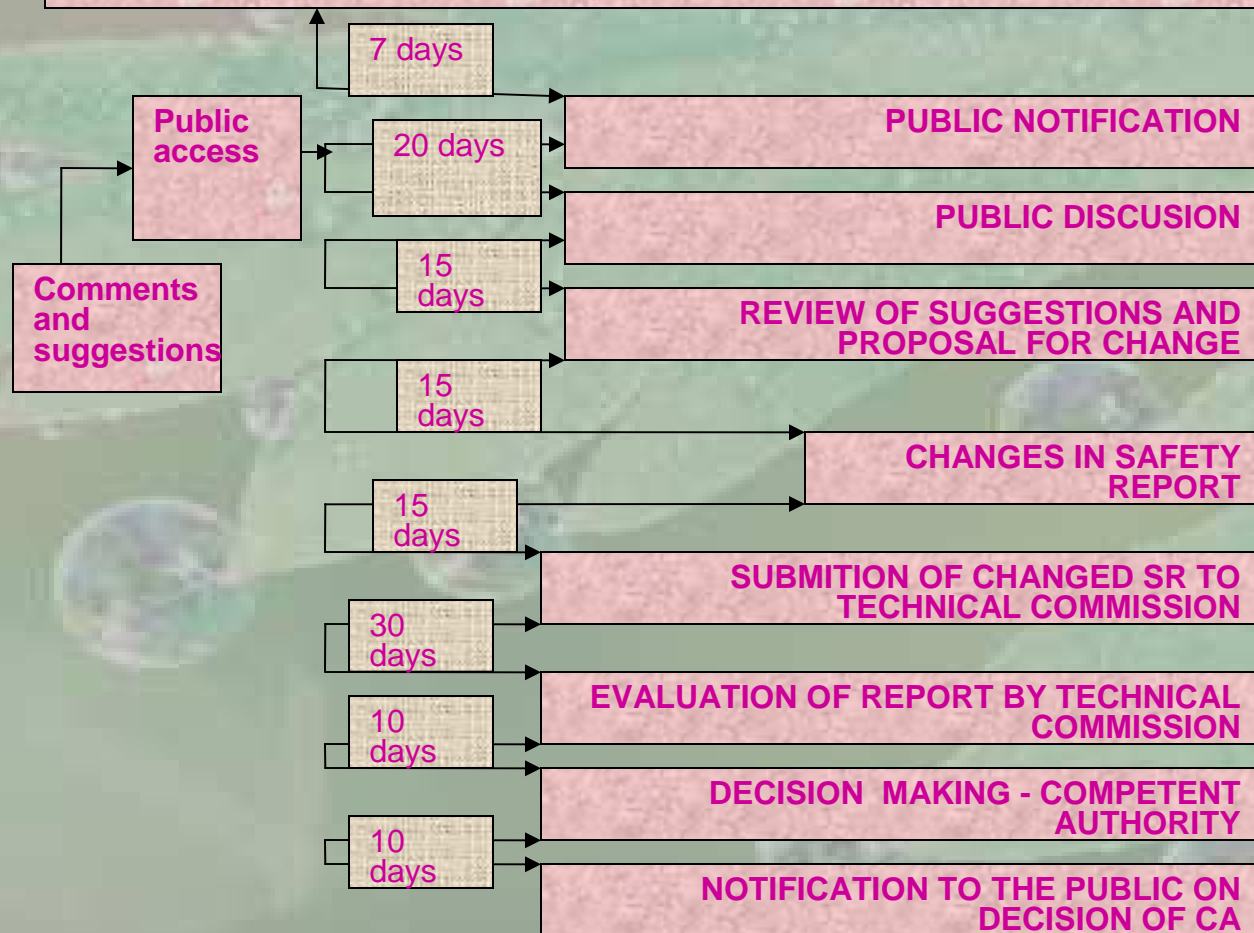
REMARK: justified comments of the public are adopted by Technical commission and operator is requested to submit additional information



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## PROCEDURE FOR EVALUATION OF SR



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# Inspection

- Seveso sites are inspected at least once per year, as well as more often if necessary.
- after the inspection, reports are made and operator is obliged to implement appropriate measures.
- During inspection control, inspector of MESP is authorized to:
  - order elaboration of MAPP, SR and Internal Emergency plan to the operator.
  - order undertaking of adequate prevention and other measures of environmental protection from dangerous substances.



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- prohibit operation of seveso installation when measures which are foreseeable in MAPP, SR or Internal Emergency Plan are not implemented or are partially implemented.
- prohibit operation of seveso installation if the operator has not submitted the Notification or SR or Internal Emergency Plan within certain deadline.
- in case of an accident, to order undertaking intervention measures and procedures for reaction to accident, implementation of the measures in accordance with the Emergency plan, engaging people, means and undertaking mitigation measures.



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- According to the Law on amending and supplementing the Law on Environmental Protection (2009):
  - competencies of inspectors are enlarged
  - penalties are considerably increased
- For not proceeding in accordance with legislation, penalty provisions are prescribed.



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# Challenges and shortcomings

- National regulations are not completely in compliance with Seveso II Directive;
- Insufficient administrative capacities;
- Lack of experts of different areas of work in Department for risk management;
- Insufficient involvement of other authorities in reviewing of SR;



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# The way forward

- Adequate implementation of new regulations at all levels.
- Inter-ministerial and inter-sectoral cooperation between competent authorities for evaluation of SR.
- Improvement of preventive measures by the operator.
- Capacity building at all levels in order to strengthen safety culture.



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