



**Republic of Macedonia
Ministry of Environment and Physical Planning**

National Activities for Industrial Accidents Prevention and Control

**Emilija Kupeva-Nedelkova
Head of Division for
Chemicals and Industrial
Accidents**

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Legal basis for industrial accidents prevention and control

- **Convention on the Transboundary Effects of Industrial Accidents**
- **Seveso II Directive**
- **Law on Environment**

Convention on the Transboundary Effects of Industrial Accidents – stepwise approach

- First action – Fact Funding Mission in 2006
- Awareness Raising Workshop – 2007
- Draft Action – Plan for Convention Basic Tasks Implementation – 2008
- The Republic of Macedonia entered Implementation Phase of the Assistance Programme
- Training on Safety Report Evaluation – 2010
- Training on identification of the hazardous activities - 2010

Tasks implemented in the period 2008 – mid 2009

The Convention and the national legal framework

Ratification of the Convention by the Macedonian Assembly

The Convention ratification has entered the final phase.

Tasks implemented in the period 2008 – mid 2009

The Convention and the national legal framework

**Basis set-up with in the Law on Environment
(OG of RM no. 53/05, 81/05, 24/07, 159/08, 83/09)**

National regulation for industrial accidents prevention and control

Law on Environment (OG of RM no. 53/05, 81/05, 24/07, 159/08, 83/09)

Chapter XV Prevention and control of major accidents involving hazardous substances

Notification

The operator shall notify the body of the state administration responsible for the affairs of the environment on the systems involving hazardous substances

National regulation for industrial accidents prevention and control

Law on Environment (OG of RM no. 53/05, 81/05, 24/07, 159/08, 83/09)

Chapter XV Prevention and control of major accidents involving hazardous substances

Report on safety measures (Safety Report)

For systems where the present hazardous substances are within the prescribed quantities, the operator shall prepare a report on the safety measures

National regulation for industrial accidents prevention and control

**Law on Environment (OG of RM no. 53/05, 81/05, 24/07, 159/08, 83/09)
Chapter XV Prevention and control of major accidents involving hazardous substances**

Report on safety measures (Safety Report)

The Report should confirm that:

1. measures and activities for prevention of major accidents and a system for safety management are in place;
2. the danger of major accidents is defined and all necessary measures are taken for prevention of such accidents and limitation of their consequences on human life and health and environment;
3. the prescribed safety and security measures are included in the design, construction, operation and maintenance of the system; and
4. internal plans for state of emergency are prepared and information is made available to allow for the preparation of an external plan.
5. a list of hazardous substances involved in the system

National regulation for industrial accidents prevention and control

Law on Environment (OG of RM no. 53/05, 81/05, 24/07, 159/08, 83/09)

Chapter XV Prevention and control of major accidents involving hazardous substances

Report on safety measures (Safety Report)

The Safety Report shall be analyzed and updated periodically, at least once in five years, or earlier upon initiative of the operator or at a request of the competent authority, when this request arises from the knowledge of new facts, or when it is necessary to take into consideration new scientific and technical developments regarding safety improvements.

The Safety Report shall be available to the public.

National regulation for industrial accidents prevention and control

Law on Environment (OG of RM no. 53/05, 81/05, 24/07, 159/08, 83/09)

Chapter XV Prevention and control of major accidents involving hazardous substances

Information on safety measures

The operator shall provide information on the anticipated activities and safety measures, and the response procedure in the event of major accident, to be available to the persons likely to be affected by the major accident caused by the system.

National regulation for industrial accidents prevention and control

Law on Environment (OG of RM no. 53/05, 81/05, 24/07, 159/08, 83/09)

Chapter XV Prevention and control of major accidents involving hazardous substances

Information to be provided by the operator in case of a major accident

The operator shall notify the body of the state administration responsible for the affairs of the environment immediately of the occurrence of a major accident, and furnish it with data, as soon as such data becomes available, on:

1. the circumstances under which the major accident occurred;
2. hazardous substances involved during and after the major accident;
3. the data needed for evaluation of the consequences on human health and the environment resulting from the major accident; and
4. the extraordinary measures undertaken.

National regulation for industrial accidents prevention and control

Law on Environment (OG of RM no. 53/05, 81/05, 24/07, 159/08, 83/09)

Chapter XV Prevention and control of major accidents involving hazardous substances

Information to be provided by the operator in case of a major accident

The operator shall notify the MoEPP of the measures provided for mitigation of the medium-term and long-term consequences from major accidents and for prevention against the possibility of repeated accident. If further investigation discovers additional facts which may give rise to an alteration of measures and activities in place, the operator shall add such measures and activities.

National regulation for industrial accidents prevention and control

Law on Environment (OG of RM no. 53/05, 81/05, 24/07, 159/08, 83/09)

Chapter XV Prevention and control of major accidents involving hazardous substances

Information to be provided by the operator in case of a major accident

The MoEPP shall, by way of examination, investigation or other appropriate way, as well as in cooperation with other competent bodies of the state administration, the Mayor of the Municipality and the Mayor of the City of Skopje, provide all necessary information for full analysis of technical, organizational, management and other reasons that have caused the major accident.

National regulation for industrial accidents prevention and control

Law on Environment (OG of RM no. 53/05, 81/05, 24/07, 159/08, 83/09)

Chapter XV Prevention and control of major accidents involving hazardous substances

Emergency plans

The operator shall prepare an internal emergency plan that will incorporate the measures that have to be undertaken inside the system in case of a major accident, and submit the plan to the municipality and the City of Skopje on the basis of which they shall prepare an external emergency plan.

Rulebook on the content of the internal and external emergency plans, as well as the manner of their approval (OG of RM no. 50/09)

National regulation for industrial accidents prevention and control

Law on Environment (OG of RM no. 53/05, 81/05, 24/07, 159/08, 83/09)

Chapter XV Prevention and control of major accidents involving hazardous substances

Transboundary effects from major accidents and transboundary cooperation

In the event of a major accident in system located on the territory of the Republic of Macedonia which may have transboundary effects, the body of the state administration responsible for the affairs of the environment shall provide the potentially concerned countries with all information required to undertake the necessary activities and security measures, even if not requested from the competent authorities of potentially concerned countries.

Tasks implemented in the period 2008 – mid 2010

The Convention and the national legal framework
Establishment and functioning of Inter-ministerial Working Group for implementation of the Convention in the Republic of Macedonia

The inter-ministerial working group actually works from beginning of 2008. It participated in the preparation of the Draft-Action Plan. The last product developed by the working group was Draft-Standard Operative Procedures for Early Warning, Notification on the Transboundary Effects of Industrial Accidents and Mutual Assistance. The MoEPP already started the procedure for adoption of the Procedure. It will be adopted immediately after ratification of the Convention.

Tasks implemented in the period 2008 – mid 2009

The Convention and the national legal framework

Appointment of responsible units/focal points in each of the governmental bodies and institutions that are covering the Convention issues

All the institutions responsible under the Convention have been identified. Additionally, they already nominated representatives to participate at the Inter-ministerial Working Group. They were actively involved in the implementation of the Draft-Action Plan.

Tasks implemented in the period 2008 – mid 2009

The Convention and the national legal framework
Preparation and adoption of the bylaws for support of the implementation of the prepared laws connected with the Convention provisions

The Ministry of Environment and Physical Planning has adopted a Rulebook on the content of the internal and external emergency plans and a Rulebook on the hazardous substances, limit values (thresholds) for the presence of hazardous substances and the criteria or properties by which a substance shall be classified as hazardous is in phase of adoption.

Tasks implemented in the period 2008 – mid 2009

Preventive measures

Using the occasion of amending the Law on Environment, the Ministry of Environment and Physical Planning incorporated the industrial accident prevention policy as an amendment to the existing Law. The Law amendments are in the final phase of adoption.

Tasks implemented in the period 2008 – mid 2009

Designation of the point(s) of contact for IANS

The Ministry of Environment and Physical Planning foresees the official nomination of the point of contact for IANS to be proceeded together with the adoption of the Standard Operative Procedures for Early Warning, Notification on the Transboundary Effects of Industrial Accidents and Mutual Assistance, immediately after the Convention ratification.

Tasks implemented in the period 2008 – mid 2009

Identification of hazardous activities

Identification of the general (preliminary) list of installations (in cooperation with the IPPC Division in the MoEPP)

The Division on chemicals and industrial accidents developed a long list of installation that handle, store or produce hazardous chemical substances. A Draft - Rulebook on the hazardous substances (Convention and Seveso II substances are incorporated with the Rulebook Annexes) was basis for the installation listing.

The State Environmental Inspectorate develop a plan for visiting and control of the installation potentially practicing hazardous activities. Also, a questionnaire to be filled by the operators is created. The inventory campaign starts next week.

A national training session on the identification of Hazardous Activities would facilitate the process.

TRAINING SESSION ON IDENTIFICATION OF THE HAZARDOUS ACTIVITIES

Training objective(s)

The main objective of the training session is to improve knowledge of the governmental experts in the area of identification of hazardous activities under the Convention and under the Seveso II Directive (96/82/EC) as well as to enhance awareness of industry with respect to the potential risk of hazardous activities.

The specific training objectives are as follows:

- To learn about the application of the Annex I, including the differences between Annex I and the location criteria of the Convention and Annex I of the Seveso II Directive;**
- To discuss other techniques used for identification of hazardous activities (worst-case scenarios analysis);**
- To discuss good practices for collecting, processing and inventorying information on hazardous activities.**

INDUSTRIAL ACCIDENTS MANAGEMENT FUTURE ACTIVITIES

- **Drafting and adoption of the regulation supporting the implementation of the Convention provisions (Safety Report content, preventive measures)**
- **Set-up register of the installations practicing hazardous activities**
- **Organization of a national training on safety report preparation**
- **First safety Report drafted and approved**

THANK YOU



Emilija Kupeva-Nedelkova
Head of Division for
Chemicals and Industrial
Accidents