

ORGANIZATION OF INSPECTIONS IN THE FIELD OF MAJOR HAZARD PREVENTION IN THE CZECH REPUBLIC

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MINISTRY OF THE ENVIRONMENT**

Organization of inspections in the field of major hazard prevention in the Czech Republic

TRANSPOSITION AND IMPLEMENTATION

- ◆ **DIRECTIVE II 96/82 EC (SEVESO)**
- ◆ **UNECE Convention on the Transboundary Effects of Industrial Accidents (CTEIA)**

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LEGAL FRAMEWORK OF INSPECTION SYSTEM

- **Act 59/2006 Major Hazard Prevention**
on the prevention of major accidents caused by selected dangerous chemical substances
- Governmental Order no. 254/2006 Sb.

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BODIES OF THE STATE ADMINISTRATION

- **MINISTRY OF THE ENVIRONMENT**
- **MINISTRY OF THE INTERIOR**
- **CZECH MINING AUTHORITY**
- **CZECH ENVIRONMENTAL INSPECTION**
- **REGIONAL AUTHORITY**
- **STATE LABOUR INSPECTION OFFICE**
- **REGIONAL HYGIENE SERVICE**
- **BODIES EXECUTING THE STATE ADMINISTRATION IN PREVENTION**

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MINISTRY OF THE ENVIRONMENT MAIN RESPONSIBILITY

- approve the plan of inspections for each calendar year
- store and evaluate the results of controls carried out
- prepare an annual summary report on controls carried out on the basis of this report, inform international organizations and neighbouring states pursuant to promulgated international agreements binding the Czech Republic

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INTEGRATED INSPECTION - MEMBERS

- **CZECH ENVIRONMENTAL INSPECTION**
- **FIRE RESCUE BRIGADES**
- **STATE LABOUR INSPECTIO OFFICE**
- **CZECH MINING AUTHORITY**
- **REGIONAL HYGIENE SERVICE**
- **REGIONAL AUTHORITY**

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INTEGRATED INSPECTION

BODIES OF INTEGRATED INSPECTION SHALL

- carry out controls pursuant to this Act on operators in the framework of his competence
- prepare information on the results of the control and submit it to the Czech Environmental Inspection

CARRYING OUT INSPECTIONS

The subject of an inspection shall consist in:

- measures adopted to prevent major accidents in an establishment or installation
- the suitability and adequacy of means to minimize the potential consequences of a major accident
- compliance with the preventative safety measures set forth in the safety program, safety report and internal emergency plan
- basic documents submitted to the Regional Authority for preparation of the external emergency plan and for establishing the zone of emergency planning

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TYPE OF INSPECTION

I. PLANNED INSPECTIONS

II. UNPLANNED INSPECTION

TYPE OF INSPECTION

PLANNED INSPECTIONS

according to the inspections programme

Inspection of an operator whose establishment or installation is **classified in group A** shall be carried out at least once **every 3 years**

Inspection of an operator whose establishment or installation is **classified in group B** shall be carried out **once a year**

TYPE OF INSPECTION

UNPLANNED INSPECTION

Special inspection in case of :

- accident
- complaints
- requests for modifying the regulation documents
- activity ceasing

Unannounced inspection

- o inspection of effective implementation of security measures
- o inspection initiated by a specific risk present

STEPS OF INSPECTIONS

- PLANNING**
- PREPARING**
- SITE INSPECTION**
- DRAWING**
- REPORTING**
- MONITORING THE MEASURES IMPOSED**
- INFORMING THE PUBLIC**

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SOURCES FOR DEVELOPMENT OF INSPECTIONS SYSTEM

- **SAFETY REPORT, SAFETY PROGRAMME**
- **GOVERNMENTAL ORDERS**
- **METHODICAL GUIDELINES OF THE MINISTRY**
- **INTERNATIONAL EXPERIENCES**
 - EU**
 - UNECE**
 - OECD**
- **FUTHER EDUCATION OF INSPECTORS**

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BILATERAL TRANSBOUNDARY ACTIVITIES

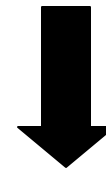
**UNECE Convention on the Transboundary Effects of Industrial
Accidents**



Czech-German working group under this Convention



Czech-German Committee for Cooperation in Environment



Czech-German bilateral Inspections

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CZECH-GERMAN BILATERAL INSPECTIONS

2. 10. 2007 – Fluorchemie Dohna GmbH

Saxon Administration for the Environment and
Geology

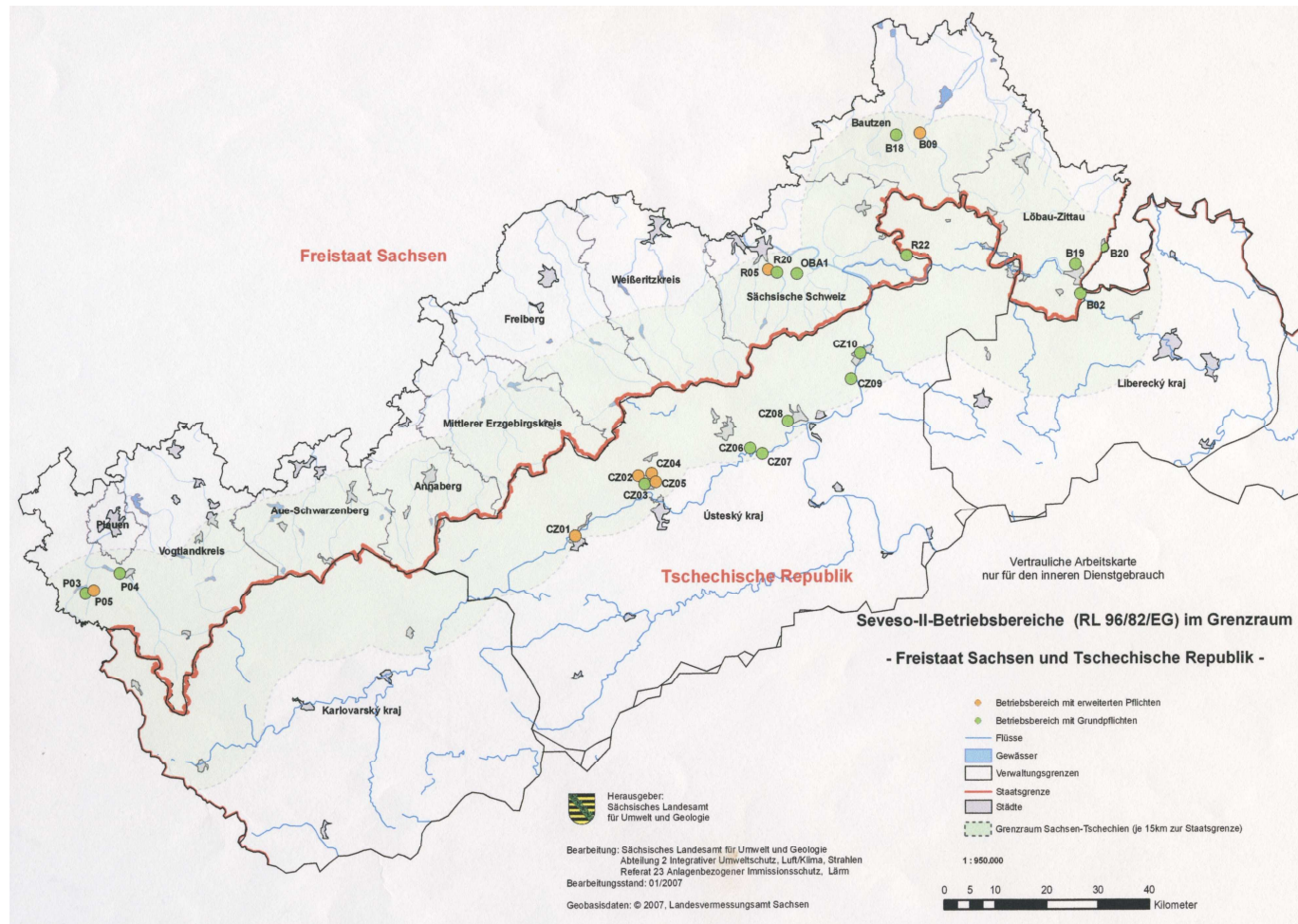
Saxon State ministry of the Environment and
Agriculture

7.- 8. 10.2008 – AIR PRODUCTS s.r.o.

Czech Environmental Inspector
Ministry of the Environment

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CZECH-GERMAN BILATERAL INSPECTIONS



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ACTIVITIES IN FRAME OF EUROPE COMMISSION

EUROPEAN COMMISSION



THE MAJOR ACCIDENTS HAZARDS BUREAU (MAHB)



TECHNICAL WORKING GROUP



MUTUAL JOINT VISIT ON INSPECTIONS PROGRAMME

MUTUAL JOINT VISIT ON INSPECTIONS PROGRAMME

- mutual support that would promote consistency in requirements for operators throughout the Europe Union
- maintain a minimum standard of quality of inspections
- the opportunity to develop together a more sophisticated understanding of what constitutes Seveso compliance and acceptable safety in an inspection context
- Member States can learn from each other and by doing so increase their technical proficiency and the effectiveness of their respective inspection programmes
- MJV programme has followed along two tracks with some Member States holding introductory visits as in the first phase of the MJV Programme ("Phase 1" visits) and visits focused on special topics ("Phase 2" visits)

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MUTUAL JOINT VISIT ON INSPECTIONS PROGRAMME

8 – 10 November 2006	The Hague, The Netherlands	Phase 2: Enforcement
10 – 12 October 2007	Plock, Poland	Phase 1
7 – 9 November 2007	Bucharest, Romania	Phase 1
29 - 31 November 2008	Lisbon, Portugal	Phase 2: Human Factors

Phase 1 - an introductory visit

Phase 2 - produce a set of key points and conclusions arising from discussions taking place during the visits

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TECHNICAL WORKING GROUP ON SEVESO INSPECTIONS (TWG 2)

- consists of representatives from Member State and Candidate Country
- the work is highly collaborative, rich with important input "from the field" (from inspector experience)
- making the information as relevant as possible to all Seveso inspection programmes throughout the EU
- TWG also advises the JRC's Major Accident Hazards Bureau (MAHB) on the management of the programme of "Mutual Joint Visits" (MJVs) for Seveso Inspections

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TECHNICAL WORKING GROUP ON SEVESO INSPECTIONS

Joint Research Centre

SEVESO INSPECTIONS WEBSITE

A forum to promote technical exchange among Seveso II inspectors throughout the European Union

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Technical Exchange Centre

- > News and Highlights
- > EU Publications
- > Accident Reports
- > Special Topics

MJV Programme

- > **Seveso Inspections TWG**
- > Meetings

EMM MAHB News Brief

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- > Incident News Archive

Events - Under Construction

Inspections Library

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Technical Working Group on Seveso Inspections (TWG 2)

The Technical Working Group for Seveso II Inspections (TWG 2) consists of representatives from Member State and Candidate Country programmes for Seveso inspections. It is chaired by a Member State and managed by the JRC (MAHB). The work of TWG 2 is sponsored by the Committee for the Competent Authorities for Implementation of the Seveso II Directive (CCA), a standing committee authorised by Article 22 of the Directive and managed by DG-Environment. The TWG 2 meets annually and advises on the yearly workplan as well as making substantial contributions in terms of leadership and resources. For this reason the work is highly collaborative, rich with important input "from the field" (from inspector experience) and communicated with the view of making the information as relevant as possible to all Seveso inspection programmes throughout the EU.

The TWG also advises the JRC's Major Accident Hazards Bureau (MAHB) on the management of the programme of "Mutual Joint Visits" (MJVs) for Seveso Inspections. Established in 1999, the programme consists of "visits", that is, technical workshops on Seveso inspection topics. Seveso countries (which include not only EU, but also EEA and Candidate Countries) take turns in hosting these visits (hence visits are "mutual"). The visits are aimed at working inspectors across the EU (and thereby "joint" visits) charged with assessing compliance with the Seveso II Directive in industrial installations.

Files:

TWG2_Members.xls

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OECD

GUIDANCE ON SAFETY PERFORMANCE INDICATORS

TARGET

To establish an inspection programme to help ensure hazardous installations are operating according to requirements and best safety practices.

ADDRESSED TO

industrial enterprises, public authorities, and communities near hazardous installations to assess the success of their chemical safety activities.

NOT PRESCRIPTIVE

It provides suggestions related to the elements that might be included in a voluntary Safety Performance Indicator (SPI) Programme and provides general guidance on the process of establishing and implementing such a Programme.

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GUIDANCE ON SAFETY PERFORMANCE INDICATORS

OUTCOME INDICATORS

1. Percentage of hazardous installations, required to be inspected, which have been inspected.
2. Percentage of hazardous installations in compliance with all appropriate laws, regulations, etc. based on inspections of such installations.
3. Percentage of safety improvements implemented at the hazardous installation as a result of an inspection (*i.e.*, based on safety improvements required or suggested by a public authority during an inspection).

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OECD

GUIDANCE ON SAFETY PERFORMANCE INDICATORS

ACTIVITIES INDICATORS

- Is there a inspection programme for hazardous installations in place within the public authority, including:
 - Clearly defined goals, objectives, and scope for each public authority;
 - Established priorities of the programme, taking into account safety records, experience with industry, etc.;
 - Schedules for inspections with co-ordination between different public authorities;
 - Identification of personnel and training needs for inspectors;
 - Guidance and protocols for completing an inspection;
 - Procedures for follow-up; and
 - Procedures for allowing public input into general policies on inspections.

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OECD

GUIDANCE ON SAFETY PERFORMANCE INDICATORS

ACTIVITIES INDICATORS

- Is there a mechanism for ensuring an inspection programme is adequate?
- Is there a mechanism to implement the inspection programme?
- Is there a mechanism to ensure appropriate and timely follow-up to inspections to make certain problems identified are addressed and there is verification of actions taken?
- When third parties (independent organisations delegated to undertake technical or systems inspections on behalf of public authorities) are used, is their quality ensured through certification or accreditation schemes?

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OECD

GUIDANCE ON SAFETY PERFORMANCE INDICATORS

ACTIVITIES INDICATORS

- Is the public made aware of the inspection and inspection reports within their community?
- Is there a mechanism for public authorities to co-ordinate with industry on audits and inspections, which improves the efficiency of inspections and improves the ability of public authorities and industry to learn from each other.
- Do public authorities encourage industry to share information on audit procedures and results with other hazardous installations in order to promote better co-operation among industry and sharing of experiences and lessons learned?

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USEFUL WEBSITE LINKS

- <http://139.191.1.51/typo3/index.php?id=88>
SEVESO INSPECTIONS WEBSITE
- <http://www.unece.org/env/teia>
UNECE CONVENTION
- <http://www.mzp.cz/en/>
MZIP, ENVIRONMENTAL RISKS
- <http://mahbsrv.jrc.it/>
MAJOR ACCIDENT HAZARDS BUREAU
- <http://www.oecd.org/env/accidents>
OECD WEBSITE

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THANKS FOR YOUR ATTENTION!