

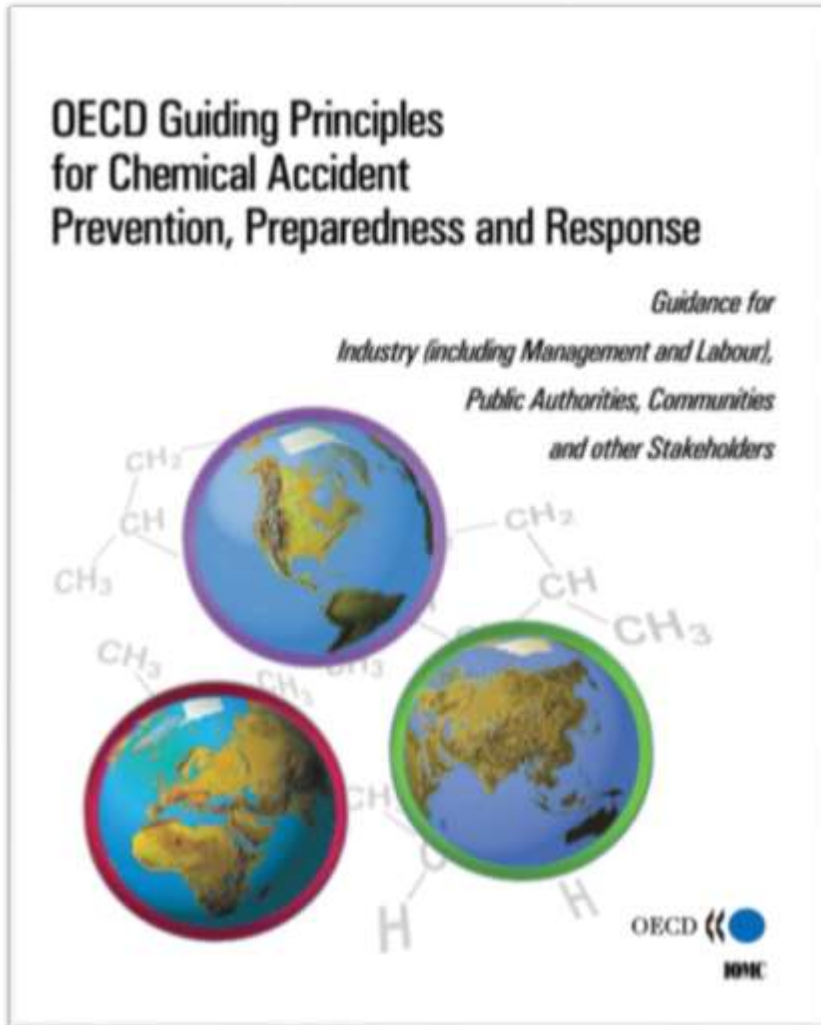


OECD GUIDING PRINCIPLES ON CHEMICAL ACCIDENT PREVENTION, PREPAREDNESS AND RESPONSE

First meeting of the Steering Committee - National Policy Dialogue for
Industrial Safety
Belgrade, Serbia, 16 March 2022



Flagship publication of OECD Chemical Accidents Programme



- ✓ First Edition published in the 90s following the large accidents in Bhopal and Schweizerhalle;
- ✓ Second Edition in 2003,
- ✓ Third Edition – now being finalised & planned for publication in **2023!**



Goal

- 1) Be a reference for public authorities & industry to ensure a strong chemical accidents programme taking into account latest lessons learnt;
- 2) Be a reminder of the key elements of process safety.





Aspects covered (150 pages of Guiding Principles on...)

Prevention (*largest section*)

- For industry
 - *Corporate Governance and Process Safety Management;*
 - *Management of Change;*
 - *Siting, Design and Construction;*
 - *Operation;*
 - *Maintenance;*
 - *Decommissioning, Closure and Demolition;*
 - *Responsible Risk Management.*
- **Follow-up to incidents**
 - Incidents Investigations
 - Incident Documentation and Reporting
 - Sharing Lessons Learnt from Accidents
 - Assessment of Consequences
- **Communication with the Public through prevention, preparedness and response**
- **Transport Interfaces, Port Areas, Pipelines and Marshalling Yards**
- **International and transfrontier collaboration**
- **Emergency Preparedness and Mitigation**
- **Emergency Response**



Key « Golden Rules »....

- Prioritise chemical accident risk prevention, preparedness and response;
- Identify the hazards and understand risks of chemical accidents;
- Communicate widely on all aspects of prevention, preparedness and response;
- Co-operate amongst stakeholders.





Industry's role (1/2)

Promote a mature safety culture throughout the enterprise

- Make safety a priority;
- Safety culture led from the top of the organisation;
- A mature safety culture involves everyone.

Establish safety management systems and regularly review their implementation

Utilise inherently safer technology principles in designing and operating hazardous installations



Industry's role (2/2)

Identify and manage the risks arising from change

Prepare and plan for any chemical accidents that may occur;

Educate and train for employees to work safely;

Track and learn from past accidents;

Seek continuous improvement through applying good engineering and management practices;

Exercise corporate governance in all operations and all locations of an enterprise.



Role of Public Authorities

Develop, enforce and continuously improve policies, regulations, and practices

Motivate all stakeholders to fulfil their roles and responsibilities

Monitor industry to ensure that risks are properly understood and addressed

Help ensure that there is effective communication and co-operation among stakeholders

Plan and prepare for the effects of chemical accidents through appropriate response measures

Establish appropriate and coherent land-use planning policies and processes



Contact

Third Edition of the Guiding Principles *to be published in 2023!!*

- *And many other publications at [Chemical accident prevention, preparedness and response – OECD](#)*
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