

The Tarnow Declaration

on the development of the international cooperation to enhance chemical safety and security and the promotion of the global chemical security culture

The importance of chemical industries and activities is on the rise globally. Chemical safety and security of the development, production, infrastructure and supply chain of chemicals are therefore of increasing importance for governments, the chemical industry, and the users of chemistry. Promoting a chemical safety and security culture will provide greater assurances that the national chemical security systems can perform their functions of preventing misuse of toxic chemicals.

Acknowledging that safety measures and security measures have in common the aim of protecting human life and health and the environment, there is a need for a coherent and synergistic development and introduction of chemical safety and security culture. That culture facilitates implementation and management of safety and security prerequisites, including bilateral and multilateral cooperation.

All stakeholders, including the governments, regulatory bodies, industry, academia, nongovernmental organizations and the media, are encouraged to fully commit to enhancing chemical safety and security culture and to maintain robust communication and coordination of activities at national and international levels.

National and international efforts are welcome to provide relevant support and assistance to enhance safety and security in all areas of chemical activities.

The International Meeting on Chemical Safety and Security taking place on 8 and 9 November in Tarnow, Poland, is an important event to further the international cooperation to enhance chemical safety and security and the promotion of the global chemical security culture.

The international cooperation to enhance chemical safety and security could include the following general considerations, goals, guidelines, and principles:

General considerations

1. A comprehensive approach toward better chemical safety and security goes beyond chemical site limits and necessitates efforts to extend the scope of safety and security culture promotion to all relevant stakeholders. The stakeholders include Governments and relevant national agencies, relevant industries, including chemical associations and companies in private industry, laboratories, international organisations involved in the international security and peaceful uses of chemistry, civil society, including scientific community and NGO's, independent experts, and information circles.
2. Strict chemical safety and security measures, implemented in the supply chain of raw materials, production, infrastructure, transportation and use of chemicals, support effective barriers against misuse and diversion of CBRN agents and materials.
3. The foundation of chemical security culture are shared values, beliefs and behaviour patterns leading to promotion, use and development of safety management systems for humans and environment protection and security measures, such as deterrence, protection,

detection of, and response to theft, sabotage, unauthorized access, illegal transfer, or other malicious acts involving both the materials that can be used for unconventional terrorist purposes and their associated facilities.

4. A number of countries and organizations have promoted new programme activities and announced plans to enhance chemical safety and security at the national and regional levels. They intend, inter alia, to develop national and international programmes and centres on chemical safety and security, as well as use of the regional CBRN security centres and resources centres.
5. For more than 25 years, the Responsible Care programme has promoted safety and, since year 2001, also security practices that safeguard our workplaces, communities and, the broader environment.
6. These national, international and industry initiatives should receive support of all the relevant stakeholders to advance chemical safety and security at national level, and in the relevant spheres of chemical activities.
7. The establishment of the International Centre for Chemical Safety and Security in Tarnow serves the purpose of the practical promotion and development of the chemical security culture. The Centre offers both the national and international partners venue for cooperation in capacity building, training, best practices exchanges, and cooperation between the professionals on area of chemical safety and security.

General goals

1. To promote the chemical safety and security:
 - by bringing the issue to national level,
 - by being more efficient in chemical safety and security capacity building and best practices exchanges, and
 - by improving national and international coordination of chemical safety and security actors;
2. To promote mechanisms to share experience in these areas among all the relevant stakeholders;
3. To promote solutions which will be continued, sustainable, affordable and accountable globally, with the emphasis on the low income countries;
4. To promote mechanisms to identify and analyze third countries' assistance needs, upon their request, in chemical safety and security, and match these needs and programmes with the relevant national and international capacities;
5. To engage representatives of the private sector to build public-private partnerships to enhance chemical safety and security worldwide.

General guidelines

1. To seek a comprehensive approach to capacity building that develops chemical safety and security employing whole hazard approach at national level;
2. To provide demand-driven assistance that is respectful of recipient country's needs, identification and ownership of decision-making;
3. To map programmes to ensure, that all partners are aware of each other's work in the area of chemical safety and security;
4. To coordinate efforts to maximize inter-operability, and to recognize the role of national governments, as well as the complementary roles of multilateral partners;

5. To structure finances in ways that are more predictable and transparent and enhance mutual accountability.

General Principles of enhancing chemical safety and security

1. To focus on enhancing awareness, training, and best practices in the broad areas of chemical security and safety issues;
2. To strengthen international cooperation to promote a chemical security culture globally. These efforts should also engage researchers from academia and private industry;
3. To promote implementation of the World Health Organization /WHO/ International Health Regulations /IHR 2000/, to improve global abilities to detect, assess, report, and respond to health events of international concern;
4. To promote and work in line with Strategic Approach to International Chemical Management /SAICM/, Inter-Organisation Programme for Sound Management of Chemicals /IOMC/, and the national and international activities towards sound management of chemicals;
5. To promote the implementation of the provisions of the Chemical Weapons Convention;
6. To promote the comprehensive implementation of the provisions of the United Nations Security Council Resolution 1540 (2004).

Development of chemical security culture

1. Chemical security culture could be considered as an assembly of beliefs, attitudes, and patterns of behaviour which will strengthen and/or complement physical security and legislation, in their mission to achieve intended security goals.
2. In the age of globalized and diversified communications, codes of conduct, ethics, and other similar sources of individual voluntary commitments are becoming increasingly effective tools of culture promotion.
3. Security culture promotion is likely to yield practical results if its underlying standards are embedded in national values and traditions.
4. Security culture is no longer limited to the facility or even industry level, as continuously expanding and increasingly vulnerable supply chains, with a multitude of diverse and overlapping players, create much larger area of chemical security implementation, and thus need to be practices creatively throughout.
5. Chemical security culture could derive its strengths or weaknesses from overall organizational culture at the level of individual chemical companies. The security culture is a part of an overall organizational culture, and it can significantly strengthen or weaken the latter
6. The manifestation of security culture is the most important at the organizational and individual level, but their goals can be fully achieved only if there are adequate inputs from high tiers, ie. from international and national levels.

Adopted at concluding session of Tarnow International Meeting on Chemical Safety and Security on 9 November 2012i in Tarnow, Poland