

# Toxic Chemical Substances Hazard Prevention and Response Plan Regulations

Promulgated by Environmental Protection Administration order Huan-Shu-Du-Tzu No. 0960083198 on November 5, 2007.

## Article 1

These Regulations are determined pursuant to Article 10, Paragraph 3 of the Toxic Chemical Substances Management Act (herein referred to as this Act).

## Article 2

Handlers of Class 1 to Class 3 toxic chemical substances, except for those engaged in export or disposal (hereafter “handlers”), handling quantities that meet large-scale handling standards shall submit a hazard prevention and response plan before applying for a toxic chemical substance permit or registration document, and submit the application to the special municipality, county or city competent authority for reference.

Handlers who have obtained a permit or registration document in accordance with law prior to the announcement of these Regulations shall submit a hazard prevention and response plan within a half-year after the announcement of these Regulations when the total quantity handled by handlers meets the following conditions, and shall submit a hazard prevention and response plan within one year after the announcement of these Regulations when the total quantity handled meets other large-scale handling standards, and submit the application to the special municipality, county or city competent authority for reference:

- I. Gases: The total quantity of any one substance handled at any one site at any time exceeds the large-scale handling standard.
- II. Liquids: The total quantity of any one substance handled at any one site exceeds 300 tons in one year or 10 tons at any one time.
- III. Solids: The total quantity of any one substance handled at any one site exceeds 1,200 tons in one year or 40 tons at any one time.

## Article 3

A hazard prevention and response plan shall include the following items:

- I. A plan summary:
  1. Basic information concerning the site:
    - a. Basic information concerning the handler and handling site
    - b. Basic information concerning the toxic chemical substances
    - c. Emergency response and protective equipment for accidents within the handling site
    - d. Handling site layout plan
  2. Abstract of hazard prevention and response procedures, including:
    - a. Location map of the handling site and sensitive areas within the site
    - b. Notification system, response organization, and methods of external aid
    - c. Preparedness of prevention and rescue equipment
    - d. Accident prevention and response training, exercises, education and awareness
    - e. Issuance of alarms

- f. Rescue of personnel and isolation of areas where accidents have occurred
- g. Appropriation of accident prevention and rescue funds
- h. Handling of remaining toxic chemical substances after an accident

## II. Hazard prevention:

1. Toxic chemical substance management and hazard prevention and management measures
2. Accident prevention measures
3. Table of basic information concerning accident prevention during handling of toxic chemical substances
4. Toxic chemical substance accident prevention and rescue equipment and facilities
5. Accident prevention and response training, exercises, and education and awareness: unannounced tests shall be held at least twice each year, and overall training exercises shall be held at least once each year.
6. Appropriation of accident prevention and response funding

## III. Response:

1. Emergency response command system and notification mechanisms
2. Method of alarm issuance after an accident occurs
3. Method of activating external aid systems
4. Accident response actions: including the effective operation of isolation maintenance measures and handling facilities, and secondary accident prevention measures
5. Method of personnel rescue and isolation of affected areas
6. Environmental restoration: including the satisfactory handling of toxic chemical substances and cleanup and disposal of environmental pollutants
7. Method of emergency evacuation from a major accident or area affected by an accident

## Article 4

When handlers handle multiple toxic chemical substances at the same handling site, and hazard prevention and response actions and equipment are similar for the different substances, handlers may submit a combined hazard prevention and response plan after the special municipality, county, or city competent authority has granted its consent.

In the foregoing paragraph, if one of the toxic chemical substances is no longer handled, handlers shall re-submit a hazard prevention and response plan for reference.

## Article 5

Handlers shall implement the hazard prevention and response plan according to its contents. Records shall be kept of the implementation of the accident prevention and rescue training, exercises, and education and awareness measures in the plan, and shall be preserved for three years for reference.

Handlers shall review their hazard prevention and response plans once every two years, and shall report any changes for reference.

If an accident involving toxic chemical substances occurs, handlers shall within one half-year review its hazard prevention and response plan in accordance with the approved accident investigation and handling report, and shall submit review results for reference.

If handlers change their toxic chemical substance processes or storage methods, such handlers shall submit a post-change hazard prevention and response plan for reference within 30 days of the change.

**Article 6**

The special municipality, county or city competent authority shall, within 15 days of approval, place a summary of a Class 3 Toxic chemical substance hazard prevention and response plan at the special municipality, county or city government, or township, town, or city public office for public inspection.

With regard to the hazard prevention and response plan summary in the foregoing paragraph, information concerning the location and method of inspection in the summary shall be announced on the web site or bulletin board of the competent authority.

**Article 7**

These Regulations shall take effect on the date of promulgation.