

No. C-I-43/30/2020-TECH.-CPC
Government of India
Ministry of Chemicals and Fertilizers
Department of Chemicals and Petrochemicals

Shastri Bhawan, New Delhi

Date: 16th June, 2020

To,

**All the Industry Associations
(As per list)**

Subject: Advisory for all Chemicals & Petrochemicals Industry Associations for Preventing Chemical Accidents & taking prompt actions in case of accidents

Sir/Madam,

It has come to the notice that factory accidents (both major and minor) have recently occurred in the chemical and petrochemical industry, thereby causing loss of human life, property and environmental hazard.

2. It is worth mentioning that Ministry of Environment, Forest & Climate Change (MoEF&CC) has notified two sets of rules to regulate the manufacturing, use and handling of hazardous chemicals, namely, Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, and Chemical Accidents (Emergency Planning, Preparedness, and Response), (CAEPPR) Rules, 1996. The CAEPPR Rules provides the statutory backup for crisis management and prescribe criteria for identification of Major Accident Hazard (MAH) installations.

3. Therefore, Industry Association are hereby advised to ensure compliance with the above mentioned Rules with specific emphasis on the following points:-

- i. Plants should operate with adequately trained manpower complying with all safety requirements
- ii. All hazardous chemicals to be stored in safe conditions.
- iii. Fire fighting system including diesel engine coupled pumps should be maintained in operating conditions.
- iv. All safety personnel, technical staff to handle emergencies should be available in factory.
- v. Personal Protective Equipment's (PPE) should be made available to workers.
- vi. Antidotes of toxic chemicals should be kept available.
- vii. Emergency warning systems such as leak sensor, alarms, public address system should be maintained in working condition.
- viii. Occupational Health Centre, Ambulance should be maintained in working state.
- ix. On Site Emergency Plans should be in active state.

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- x. DG sets, Alternate Emergency power supply for critical operations should be maintained in functional condition to switch on in case of power failure.
- xi. The organization should establish, implement and maintain all the procedure for the on-going hazard identification, risk assessment and determination of necessary controls.
- xii. Identify and control hazards originating outside the workplace capable of adversely affecting the health and safety of persons under the control of the organization with in the workplace.
- xiii. Take necessary step to avoid any types of waste spillage inside/outside the factory premises.
- xiv. Store all Solid Hazardous wastes categorically in close tight bags with proper identification.
- xv. Use appropriate PPEs during handling of hazardous wastes.
- xvi. To ensure that all the solid hazardous waste substances generated should be properly incinerated.

4. Further, it is requested that in case of occurrence of any accident in chemical and petrochemical industry, the incident may be reported immediately to this Department through following Officers:-

(i) Dr. Vishal Choudhary, Deputy Industrial Adviser (Chemicals)

[Email: choudhary.vishal@gov.in, Mobile: 9891256042]

(ii) Shri Varun Singh Poonia, Deputy Industrial Adviser (Petrochemicals)

[Email: varun.sp@gov.in, Mobile: 9428332027]

5. It is requested that the above advisory may be circulated to all industry members so as to avoid occurrence of such incidence in future. Action taken report may please be sent to this Department.

Yours faithfully,



(K K Srivastava)
Deputy Secretary