

Process Safety and Risk Management in Fertiliser Industry



Dr. Suresh Kumar Chaudhari, Director General, FAI inaugurated the Workshop on **Process Safety and Risk Management in Fertiliser Industry** held during 13-15 October 2025 at Visakhapatnam. Mr. M.N. Harendhira Prasad, IAS, District Collector, Visakhapatnam was the Guest of Honour. Mr. R.K. Chopra, Managing Director, Kribhco Fertilizers Limited (KFL), Noida gave a special address. Mr. Gnanasundaram M, Senior Vice President and Head of Manufacturing-Fert. Business, Coromandel International Limited gave the welcome address.

In his address, Dr. Chaudhari, traced that concept of safety to Ramayana period which has been mentioned in the Kumbh Ramayana. He recollected the happening of two serious incidents, one at Bhopal in 1984 due to leakage of methyl isocyanate gas from a pesticide plant, and the second chernobyl nuclear power plant disaster in Ukraine in 1986. Both these incidents resulted in a large number of casualties. These incidents emphasis the need for safety, precaution, and sharing the knowledge with the local administration to handle such situations. He informed that FAI data shows that there has been significant reduction in incidents and severity indices in fertiliser industry over the years. However, in view of the large amount of handling of raw materials and finished products, and also corrosive chemicals, utmost safety is required. He also briefed about the role of FAI in capacity building in the technical areas.

Mr. M.N. Harendhira Prasad highlighted the need for upgradation of technologies and foolproof mechanism, development of SOPs and training to avoid accidents. He emphasized that collaboration of industry with the local administration and sharing complete knowledge about the chemicals, their impact, first aid and antidotes to be provided by hospitals will be necessary to handle the crisis due to industrial accident effectively.

Mr. R.K. Chopra advised the participants to adopt new technologies like 3-D modelling, imparting training to fresh engineers, preparation of check list, and build a strong system that accidents become rare. Mr. Manish Goswami, Chief (Technical), FAI, proposed a vote of thanks.

The 3 days program was attended by 54 participants from 28 fertiliser units.
