Comprehensive Industry Document on Fertilizer Industry

Foreword

Increasing fertili'ser use has played a vital role in achieving self-sufficiency in food grains production and this will" continue to be so in the future as well.

The manufacture offertiliser, however, is associated vlith the pollution of the environment. Itlcreased fertiliser production means more and more pollutant generation and release to the environment.

In order to control pollution effectively in the fertiliser industry and also to facilitate the development ofMinimal National Standards (MINAS), it is necessary to ascertaii1 the present status of pollution and the control measures practised by the industry .With this end in view, extensive studies have been conducted in various categories of fertiJiser industry, e.g., nitrogenous,phosphatic and cori1plex fertiliser.

This report provides detailed information on the manufacturing process, generation of pollutants, toxic effect ofpollutants, control measures -inplant and end-of-the-process, present $tatus of pollution and control measures and also the recommendations for implementation.

Fertiliser units need to install efficient pollution control devices and properly operate and maintain these installations to achieve the intended objective of pollution control besides recycling of effluents, resource recovery and capital cost recovery. .

We hope thati the document will be useful to the industry, regulatory agencies, consultants, research organisations and to all interested in pollution control.

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