

## Comprehensive Industry Document - Fermentation Industries

### Foreword

In the year 1977, the Central Board for the Prevention & Control of Water Pollution decided to ~ series of Comprehensive Industry Documents for various major Industries in the country to I necessary information on the manufacturing processes pollution load, the various stre; wastewaters and solid wastes, measures to decrease the pollution load by combining processes, provide Minimal National Standards which could be achieved by the Industry c directory of the industries and any other relevant information so that the regulatory agencies: take proper measures for the prevention and control of environmental pollution.

The Comprehensive Industry Document on Fermentation Industries (Breweries, Distilleries, Malteries) is one such of a series that the Central Board for the Prevention and Control of Pollution has taken up. It is published for wide circulation as Comprehensive Industry Document (COINDS).

The objective of this Comprehensive Industry Document apart from giving an overall view industry, is to develop Minimal National Standards (MINAS) for the industry taking into consideration the technical feasibility on treatment schemes and the annual cost burden that the industry has to bear for the treatment. The evolution of MINAS for each specific industry became imperative because of the industries and fermentation industry in particular expressed their helplessness in improving quality of their wastes to a standard which is technologically beyond their means.

The Comprehensive Document has been prepared by Industrial Consulting Bureau Limited Delhi under the supervision of an Industry Committee comprising of experts from Environmental Engineers and representatives of various concerned Government Departments, distilleries and also representation from All India Distillers' Association appointed by the Central Board.

Dr. K.R. Khan, Scientist of the Central Board coordinated the preparation of the Comprehensive Industry Document. Mr. B.V. Rotkar, the Ex-Member Secretary, Central Board edited this document.

I am grateful to the members of the Industry Committee who had guided the Industrial Consulting Bureau in putting their efforts in finalising this document. The document should be useful to the industry, the regulatory agencies, the consultants and to all interested in pollution control.

**Nilay Chaudhuri**  
Chairman, CPCB

