

Minimal National Standards Fermentation Industries

Foreword

In the year 1977, the Central Board for the Prevention and Control of Water Pollution decided to prepare a series of Comprehensive Industry Documents for various major industries in the country to provide necessary information on the manufacturing processes- pollution load, the various streams of waste waters and solid wastes, measures to decrease the pollution load by combining certain processes, and provide Minimal National Standards (MINAS).

The MINAS could be achieved by the industry in one stroke or in phases by installing pollution control measures which are within the techno-economic capability of the industry. The evolution of MINAS remain independent of the characteristics of the recipient environment.

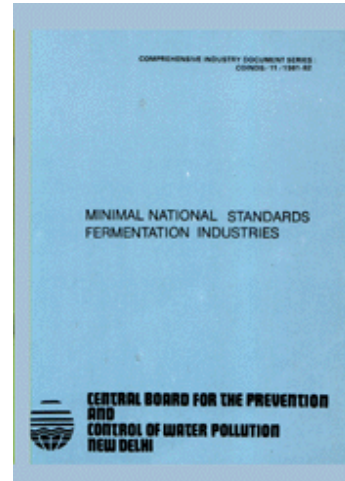
The Central and State Boards for Pollution Control have come to an agreement that under no circumstances, MINAS could be relaxed since the same are techno-economically feasible and acceptable to the industry and could be achieved without any difficulty, On the contrary, a situation where the recipient environment demands stricter quality of the effluent of the industry the State Boards are required to prescribe standards stricter than MINAS.

The Comprehensive Industry Document on Fermentation industries (breweries, distilleries, maltries) has been published as one of the series of COINDS bearing the number COINDS/10/1981- 82.

The present treatise belongs to the same series but contains the salient features of the main document. Considerable information was collected from Fermentation Industrial Units through questionnaire and by visits and the co-operation of industrial units in this effort is acknowledged. The main document on Fermentation Industries was prepared by the Industrial Consulting Bureau, New Delhi.

Dr. K.R. KHAN, Scientist, Central Board has co-ordinated the activities in preparing the main document and prepared this summary document from the main.

The document shall be useful to industry, the regulatory agencies, the consultants, the concerned Government Departments and to all interested in pollution control.



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