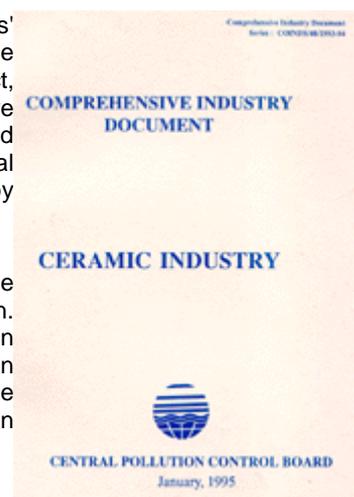


Comprehensive Industry Document Ceramic Industry

Foreword

The series of publications entitled 'Comprehensive Industry Document Series' (COINDS) is designed to cover the status of each specific type of industry in the country in respect of number of units: their location, capacities, type of product, usage of raw material, manufacturing processes, pollution potential, preventive measures to control pollution, various pollution control technology available and their techno-economic feasibility. The evolution of the Minimal National Standards (MINAS) which could be achieved by any industry is facilitated by these documents.

The Comprehensive Industry Document on Ceramic Industry is one in the series that the Central Pollution Control Board has taken up for publication. Thus, in a sense, the main objective of this document, apart from giving an overall view of this type of industry, is to develop the MINAS. Due care is taken in developing the MINAS by the CPCB as it cannot be relaxed by any State authority. The State Boards can, however, make it more stringent depending on the location and quality of the recipient environment.



The study for the present document was conducted on behalf of Central Pollution Control Board by the National Productivity Council (NPC), New Delhi. The help and assistance extended by the State Pollution Control Boards and Ceramic Industries & their associations during the study is gratefully acknowledged. Shri Kireet Kumar, Ex Assistant Environmental Engineer & Shri R. C. Kataria, Assistant Environmental Engineer coordinated the different study activities with the NPC.

Dr. B. Sengupta, Senior Scientist of the Central Board shouldered the overall responsibility to provide the scientific guidance and coordination for this project. Shri R.C. Kataria, Assistant Environmental Engineer, CPCB has prepared the draft manuscript for this document and it was edited by Dr. K.R. Ranganathan, Ex-Member Secretary, Central Board and Dr. B. Sengupta. The contribution of Shri Umesh Gupta, Stenographer, in preparing the typed manuscript also deserves acknowledgment.

It is believed that the document would be useful to the industry, regulatory agencies, the consultants and others interested in pollution control.

A handwritten signature in black ink, appearing to read 'Dilip Biswas', is written over a horizontal line.

Dilip Biswas
Chairman, CPCB