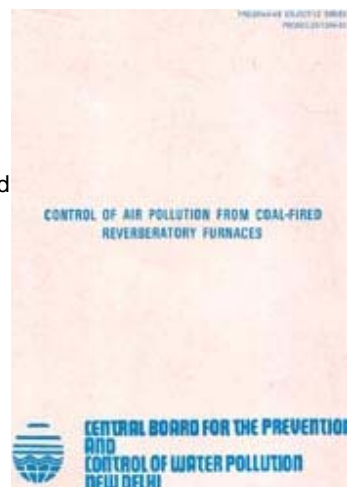


Control of Air Pollution from Coal Fired Reverberatory Furnaces

Foreword

The results of the work presented in the following chapters have been achieved primarily for educating the small scale industries. The coal-fired reverberatory furnaces have a variety of applications in metal processing. The case that is specifically studied here applies to heating of ingots for hot rolling of steel. The rolled product is being used in the construction industry. There are 1600 such industries in the country, mostly in and around metropolitan areas, to supply the construction material. It is hoped that with small-scale industries adopting the modifications suggested, pollution would be significantly controlled. Simultaneously, there would be large savings in the coal consumption. The trial furnace was set up in the Chemical Engineering Department, Indian Institute of Technology, Delhi. The contribution of Professor M.K. Sarkar and his colleagues from IIT and the work of the Air Pollution Control Cell of the Central Board is appreciated.



Nilay Chaudhuri
Chairman, CPCB