

CONTENTS

Sl. No.	PARTICULARS	PAGE NO.
1.0	NTPC and Ash Utilization	01
2.0	NTPC Coal-Based Power Stations at a Glance	03
3.0	Ash Availability in NTPC Power Stations	18
4.0	Promotive Actions taken by Govt. on Ash Utilization	24
5.0	Areas of Ash Utilization	28
6.0	Guidelines for manufacturing quality fly ash bricks	59
7.0	Agencies who offer technology for Ash Utilization	69
8.0	Major Plant and Machinery required	73
9.0	Equipment Suppliers	75
10.0	Agencies who may be able to assist in execution of Ash based Projects	83
11.0	Major Applicable Codes	85

LIST OF TABLES

Sl. No.	CONTENTS	PAGE NO.
TABLE-1	Ash production, collection and storage facility at NTPC power stations	19
TABLE-2	Quality of Ash: Chemical requirements as per various codes	21
TABLE-3	Quality of ash : Physical requirements as per various codes	22
Table-4	Comparison of Major Technologies for manufacture of Fly-Ash-Sand-Lime bricks	32
Table-5	Comparison of Properties of fly ash-sand-lime bricks as per various technologies	34
Table-6	Agencies who offer technology for ash utilization	69
Table-7	List of equipment suppliers for fly ash based brick/block manufacturing	75
Table-8	List of foreign equipment suppliers for fly ash based bricks/blocks manufacturing	81
Table-9	Agencies who may be able to assist in execution of projects	83
