## **Contents**

EXECUTIVE SUMMARY ABBREVIATIONS		I V
1	INTRODUCTION	1-1
1.1	BACKGROUND	1-1
1.2	SCOPE AND LIMITATIONS	1-1
1.3	APPROACH AND METHODOLOGY	1-2
2	CHEMICAL INDUSTRY	2-1
2.1	CURRENT INDUSTRY SCENARIO	2-1
2.2	GROWTH IN INDUSTRIAL SECTOR	2-1
2.3	CHEMICAL SECTORS: A REVIEW	2-1
2.4	FUTURE PROJECTIONS OF MAJOR CHEMICAL SECTORS	2-10
2.5	EXPORT PERFORMANCE OF CHEMICAL & ALLIED INDUSTRIES	2-11
2.6 2.7	IMPORT OF CHEMICALS AND ALLIED PRODUCTS  CONTRIBUTION OF CHEMICAL INDUSTRY TOWARDS EXCISE	2-12 2-13
3	DEMAND ESTIMATION	3-1
3.1	DEMAND ESTIMATION- THE APPROACH	3-1
3.2	DEMAND ESTIMATION MODEL	3-6
3.3	PRIMARY SURVEY ANALYSIS	3-6
3.4 3.5	CRITICAL EVALUATION OF THE INCENTIVES CURRENT SCENARIO OF CHEMICAL ESTATES IN GUJARAT	3-11 3-12
3.6	BENEFITS AND INCENTIVES	3-12
3.7	KUTCH AS A LOCATION FOR CHEMICAL ESTATE: A SWOT ANALYSIS	3-14
3.8	ANALYSIS	3-18
3.9	CLUSTERING	3-19
3.10	SECONDARY ANALYSIS	3-24
3.11	TARGET SEGMENTS AND INVESTMENT EXPECTATIONS	3-27
4	SELECTION OF LOCATION	4-1
4.1	INDUSTRIAL ESTATES: PROPER SITING & PLANNED DEVELOPMENT	4-1
4.2	SITING METHODOLOGY	4-1
4.3	IDENTIFYING POTENTIAL LOCATIONS	4-4
4.4	SHORT LISTING OF LOCATIONS	4-12
4.5	SELECTION OF LOCATION	4-14
4.6	SWOT ANALYSIS	4-20
4.7	CONCLUSION	4-23
5	SITE & INFRASTRUCTURE DEVELOPMENT	5-1
5.1	REVIEW OF CURRENT INFRASTRUCTURE	5-1
5.2	PROPOSED INFRASTRUCTURE	5-3
5.3	CONCEPTUAL LAYOUT PLAN	5-15
5.4	SITE ZONING	5-16
5.5	BROAD LAYOUT PLAN	5-17
6	ENVIRONMENTAL REQUIREMENTS	6-1
6.1	INITIAL ENVIRONMENTAL EXAMINATION	6-1
6.2	ENVIRONMENTAL CLEARANCE REQUIREMENTS AND PROCEDURE	6-12
7	FINANCIAL FEASIBILITY OF CHEMICAL ESTATE	7-1

7.1	INTRODUCTION	7-1
7.2	APPROACH AND ASSUMPTIONS	7-1
7.3	VARIABLES AFFECTING PROJECT VIABILITY	7-4
7.4	QUALITATIVE FACTORS AFFECTING THE ESTATE VIABILITY	7-4
7.5	COSTING	7-6
7.6	PROJECT IMPLEMENTATION FOR ESTATE DEVELOPMENT	7-8
7.7	PROJECT IMPLEMENTATION STRUCTURE	7-15
7.8	SENSITIVITY ANALYSIS	7-18
7.9	IMPLICATION OF ESTATE PRICING ON FEASIBILITY OF INDUSTRY	7-19
7.10	SOCIO-ECONOMIC ANALYSIS	7-20
7.11	OTHER BENEFITS EXPECTED FROM THE ESTATE	7-22
7.12	PROJECT IMPLEMENTATION STRUCTURE	7-24
7.13	SUMMARY AND CONCLUSION	7-25
ANNEX A: INDUSTRY FEEDBACK		A-1
ANNEX B: DESALINATION ANNEX C: CLUSTERING		A-13
		A-17
ANNEX	D: GUJARAT INDUSTRIAL POLICIES	A-21
ANNEX	E: FINANCIAL STATEMENTS	A-41