The Complete Book on Cement & Concrete Products Manufacturing

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The Complete Book on

Cement & Concrete Products Manufacturing

(AAC Blocks, Slag & High Alumina Cement, Clinker, Concrete Block, Floor Slab, Roof Tiles, Interlocking Paving Blocks,

Fly Ash Bricks, Flooring Tiles, Precast RCC Wall, Prestressed Concrete Beams, Poles, Pipe, Sleeper, RCC Beam, Ready Mix Concrete and Wall Putty with Manufacturing Process, Machinery Equipment Details and Factory Layouts)

Cement is a powdery substance made by calcining lime and clay. When cement is mixed with water, it forms mortar, and when it is mixed with sand, gravel, and water, it makes concrete. Mortar is used as a bonding agent for plastering, masonry work, and pointing.

Concrete is a mixture of aggregates and paste. The aggregates are sand and gravel or crushed stones; and the paste is made from water and portland cement mixture. Concrete is used for laying floors, roofs and constructing lintels, beams, pillars and other masonry structures. Concrete products such as pipes, blocks, bricks, and concrete articles are made using concrete.

The cement and concrete products market consists of sales of cement and concrete products and related services by entities (organizations, sole traders and partnerships) that manufacture cement and concrete products such as concrete pipes, bricks, and paving blocks. The cement and concrete products manufacturing industry includes establishments engaged in manufacturing portland cement, pozzolanic cement, ready-mix concrete, concrete blocks, bricks, and pipes and related products.

The global cement and concrete products market was valued at \$333,255.8 million. The market accounted for 0.40% of the global GDP. In terms of per capita consumption, the market accounted for \$43.5. The market was also supported by rapid urbanization, and government initiatives towards infrastructure development. Growth in the forecast can be attributed to increasing spending on infrastructure, global economic growth, the development of affordable housing, and a rapidly growing urban population.

The cement and concrete industry is still expected to grow in the coming years. Companies are looking for ways to reduce their environmental footprint by making use of more efficient manufacturing processes and renewable energy sources. They are also developing new materials that are stronger and more sustainable than traditional materials. This means that the industry will remain an important part of the global economy for many years to come.

This book contains in-depth information about Cement & Concrete Products, AAC Blocks, Slag & High Alumina Cement, Clinker, Concrete Block, Floor Slab, Roof Tiles, Interlocking Paving Blocks, Fly Ash Bricks, Flooring Tiles, Precast RCC Wall, Prestressed Concrete Beams, Poles, Pipe, Sleeper, RCC Beam, Ready Mix Concrete and Wall Putty with Manufacturing Process, Machinery Equipment Details and Factory Layouts.

This book is also a fantastic resource for people interested in or who have worked in the Cement & Concrete industry.

Profitable and viable business opportunities exist in the Cement & Concrete sector. As a result, creating your own business is a good way to get into it. To learn more about Cement & Concrete industry in depth, read this book. It will assist you in figuring out how to establish your own Cement & Concrete Business. Because of the increasing demand for Cement & Concrete in today's market, it's a terrific method to earn money.

Contents

- 1. INTRODUCTION
- 1.1 Chemistry
- 1.1.1 Hydraulic Cement
- 1.1.2 Non-Hydraulic Cement
- 1.2 Cement Physical Properties
- 1.3 Cement Chemical Properties
- 1.4 Cement Industry
- 2. HOW TO START YOUR OWN CEMENT BUSINESS
- 2.1 Make A Cement Factory Cost Analysis Plan
- 2.2 Make a Budget- Cement Plant
- 2.3 Choose Your Cement Factory Market or Region
- 2.4 Choose a Location with a Plentiful Supply of Raw Materials
- 2.5 Understand the Cement Manufacturing Process
- 2.6 Determine the Supply of Raw Material and Energy Supply
- 2.7 Get Environment Clearance
- 2.8 Make Your Project in Line with CSR and
- Sustainability
- 2.9 Get the Necessary Personnel and Begin Production
- 2.10 Gauge Your Competition
- 3. RAW MATERIALS USED FOR CEMENT PRODUCTION
- 3.1 Introduction
- 3.2 Lime Component
- 3.2.1 Limestone
- 3.2.2 Chalk
- 3.2.3 Marl
- 3.3 Clay Component
- 3.4 Corrective Ingredients
- 3.5 Auxiliary Components of Cement Raw Materials
- 3.5.1 Magnesium Oxide
- 3.5.2 Alkalies
- 3.5.3 Sulfur
- 3.5.4 Chloride
- 3.5.5 Fluoride
- 3.5.6 Phosphorus
- 4. MANUFACTURING PROCESS OF CEMENT
- 4.1 Dry Cement Manufacturing Process
- 4.1.1 Treatment of Raw Materials
- 4.1.2 Burning or Calcination of the Dry Mix
- 4.1.3 Grinding of Clinker

- 4.1.4 Packing and Storage of Cement
- 4.2 Wet Process of Manufacturing of Cement.
- 4.2.1 Preparation of Slurry
- 4.2.2 Burning or Calcination
- 4.2.3 Grinding of Clinker
- 5. EQUIPMENT AND MACHINERY REQUIRED FOR CEMENT PLANT
- 5.1 Stages of Cement Manufacturing
- 5.1.1 Stage-1 Opencast Lime Stone Mining
- 5.1.2 Stage-2 Lime Stone Crushing & Stacking
- 5.1.3 Stage-3 Raw Material Handling & Grinding
- 5.1.4 Stage-4 Coal Grinding
- 5.1.5 Stage-5 Preheater Kiln & Cooler
- 5.1.6 Stage-6 Clinker Grinding (Cement Mill)
- 5.1.7 Stage-7 Packing Plant & Loading Plant
- 6. TYPES OF CEMENT
- 6.1 Introduction
- 6.1.1 Ordinary Portland Cement (OPC)
- 6.1.2 Portland Pozzolana Cement (PPC)
- 6.1.3 Rapid Hardening Cement
- 6.1.4 Quick Setting Cement
- 6.1.5 Low Heat Cement
- 6.1.6 Sulphate Resisting Cement
- 6.1.7 Blast Furnace Cement
- 6.1.8 High Alumina Cement
- 6.1.9 White Cement
- 6.1.10 Colored Cement
- 6.1.11 Air Entraining Cement
- 6.1.12 Expansive Cement
- 6.1.13 Hydrophobic Cement
- 7. WHITE CEMENT MANUFACTURING
- 7.1 Introduction
- 7.2 How to Improve White Cement's Whiteness
- 7.2.1 Select the Best Raw Materials
- 7.2.2 Select the Appropriate Fuel
- 7.2.3 Select the Best Raw Mill and Cement Mill
- 7.2.4 Choose the Best Cooling Method
- 7.3 The Primary Applications
- 7.4 Differences between White Cement and Grey Cement
- 7.5 Raw Materials
- 7.6 White Cement Manufacturing
- 7.6.1 White Cement Clinker Manufacturing
- 7.6.2 White Cement Clinker Bleaching Process
- 7.7 Process
- 7.7.1 Crushing
- 7.7.2 Grinding
- 7.7.3 Calcination of Clinker
- 7.7.4 Clinker Cooling
- 7.7.5 Cement Grinding
- 7.7.6 Packing of Cement
- 8. QUICK SETTING CEMENT IN CONSTRUCTION
- 8.1 Applications
- 8.2 Why is Quick-Setting Cement a Good Choice for
- Construction?

8.3 How to Use Quick Setting Cement? 8.4 Considerations for Using This Type of Cement 8.5 Main Characteristics 8.6 Difference Between Quick Setting Cement and Rapid Hardening Cement 8.7 Ingredient 8.8 Manufacturing of Quick-Setting Cement 8.8.1 Raw Materials Crushing 8.8.2 Raw Materials Grinding 8.8.3 Clinker Calcination 8.8.4 Grinding Clinker 8.8.5 Cement Packing 9. PRODUCTION OF ORDINARY PORTLAND CEMENT (OPC) 9.1 Ordinary Portland Cement Varieties 9.1.1 33-Grade Cement 9.1.2 43-Grade Cement 9.1.3 53-Grade Cement 9.2 Chemical Characteristics of OPC 9.2.1 Factor of Lime Saturation 9.2.2 The Alumina-Iron Ratio 9.2.3 Insoluble Waste 9.2.4 Magnesia 9.2.5 Ignition Failure 9.2.6 Anhydride of Sulphur 9.3 Advantages 9.4 OPC Cement Properties 9.5 Specifications OPC Cement 9.6 Raw Materials 9.7 Manufacturing Process 9.7.1 Crushing and Grinding 9.7.2 Material Mixing 9.7.3 Heating the Slurry in the Rotary Kiln 9.7.4 Formation of Clinker 9.7.5 Grinding the Clinker with Gypsum **10. HIGH ALUMINA CEMENT** 10.1 Introduction 10.2 Applications 10.3 Hydration of High Alumina Cement (HAC) 10.3.1 Conversion of High Alumina Cement 10.3.2 Effect of Curing Temperature on High Alumina Cement 10.4 Advantages 10.5 Difference between High Alumina Cement and Ordinary Portland Cement 10.6 Raw Materials 10.7 Manufacturing of High Alumina Cement **10.8 Physical Properties** 10.9 Concrete Technology 10.9.1 Resistance to Chemical Attack 10.10 Refractory Properties of High Alumina Cement 11. BLAST FURNACE SLAG CEMENT AND ITS MANUFACTURING 11.1 Blast-Furnace Slag is Used in Making-Four Classes of

Cement

11.2 What Industries are Blast Furnace Slag Used After Grinding?

11.3 Classification of Blast Furnace Slag

- 11.3.1 Air-Cooled Slag
- 11.3.2 Granulated Slag
- 11.3.3 Expansive Slag
- 11.3.4 Slag Cotton
- 11.4 Advantages of Blast-Furnace Slag Cement
- 11.5 Disadvantages of Blast-Furnace Slag Cement
- 11.6 Manufacturing Method
- 11.7 Process
- 11.7.1 Raw Material Production
- 11.7.2 Raw Mill
- 11.7.3 Clinker Production
- 11.7.4 Clinker Grinding
- 11.7.5 Finished Cement Storage and Packing
- 12. PORTLAND POZZOLANA CEMENT
- 12.1 Features
- 12.2 Applications
- 12.3 Composition
- 12.4 Advantages
- 12.5 Portland Pozzolana Cement Properties
- 12.6 Manufacturing Process
- 13. HOW CEMENT IS MADE WITH CLINKER
- 13.1 Composition of Clinker
- 13.2 Clinker Thermochemistry
- 13.3 Cement Clinker Types and Uses
- 13.3.1 Sulfate Resistant Clinker
- 13.3.2 Low Heat Clinker
- 13.3.3 White Clinker
- 13.3.4 Low-Alkali Clinker
- 13.3.5 Belite Calciumsulfoaluminate Ternesite (BCT)
- 13.4 Cement Clinker Use: Changing to Cement
- 13.5 How is Cement Clinker Produced?
- 13.6 What are Differences Between Clinker Cement and

Grey Cement?

- 13.7 Manufacturing Process
- 13.7.1 Crushing of Limestone
- 13.7.2 Prehomogenisation
- 13.7.3 Grinding of Raw Materials
- 13.7.4 Homogenization
- 13.7.5 Pyro Processing
- 13.7.6 Clinker Formation
- 14. PLASTER OF PARIS AND ITS DIFFERENT USES
- 14.1 Properties of Plaster of Paris
- 14.2 Additional Features of Gypsum Plaster
- 14.3 What Distinguishes Gypsum from Plaster of Paris?
- 14.4 Types of Plaster of Paris
- 14.4.1 Gypsum Plaster
- 14.4.2 Clay Plaster
- 14.4.3 Lime Plaster
- 14.4.4 Cement Plaster
- 14.4.5 Heat Resistant Plaster

14.5 The Different Uses of Plaster of Paris

14.6 Process of Manufacture

15. CONCRETE AND ITS MANUFACTURING PROCESS

15.1 Concrete Components

15.2 Hardened Concrete

15.3 Development for the Long Term

- 15.4 Quality Concrete Essentials
- 15.5 Suitable Materials
- 15.6 Water-Cementitious Materials Ratio
- 15.7 Design-Workmanship-Environment
- 15.8 Concrete vs. Cement
- 15.9 Manufacturing Processes of Concrete
- 15.9.1 Batching
- 15.9.2 Mixing
- 15.9.3 Transporting
- 15.9.4 Placing
- 15.9.5 Compacting
- 15.9.6 Curing
- 15.9.7 Finishing
- 16. HOW TO START CONCRETE BUSINESS
- 16.1 Select a Name for Concrete Company
- 16.2 Create a Concrete Business Plan
- 16.3 Select the Legal Structure for Concrete Company
- 16.3.1 Limited Liability Company
- 16.3.2 Partnerships
- 16.3.3 Limited Liability Company (LLC)
- 16.3.4 C Corporation
- 16.3.5 S Corporation
- 16.4 Obtain Startup Capital for Concrete Business
- (If Needed)
- 16.5 Establish a Business Location
- 16.6 Register Concrete Business with the Internal Revenue Service
- 16.7 Establish a Business Bank Account
- 16.8 Apply for a Business Credit Card
- 16.9 Obtain the Necessary Business Licenses and Permits
- 16.10 Obtain Business Insurance for Concrete Company
- 16.11 Purchase or Lease the Appropriate Concrete Business Equipment
- 16.12 Create Concrete Business Marketing Materials
- 16.13 Buy and Install the Software Required to Run Concrete Business
- 16.14 Ready for Business
- 17. DIFFERENT TYPES OF CONCRETE
- 17.1 What is the Significance of Concrete in
- Construction?
- 17.2 How to Choose a Concrete Type?
- 17.3 Concrete Work Safety Tips
- 17.4 Types
- 17.4.1 Plain Cement Concrete (PCC)
- 17.4.2 Cement Reinforced Concrete (RCC)
- 17.4.3 FRC (Fibre Reinforced Concrete)
- 17.4.4 Glass Fibre Reinforced Concrete (GFRC)

17.4.5 Ferrocement 17.4.6 Ready Mix Concrete 17.4.7 Precast Concrete 17.4.8 Prestressed Concrete 17.4.9 Light Weight Concrete 17.4.10 Polymer Concrete 17.4.11 High Density Concrete 17.4.12 High Performance Concrete 17.4.13 High Strength Concrete 17.4.14 Air Entrained Concrete 17.4.15 Self-compacting Concrete (SCC) 17.4.16 Shotcrete 17.4.17 Guniting Concrete 17.4.18 Pumped Concrete 17.4.19 Pervious Concrete 17.4.20 Smart Concrete 17.4.21 Stamped Concrete 17.4.22 Limecrete 17.4.23 Asphalt Concrete 17.4.24 Bacterial Concrete 17.4.25 Smog Eating Concrete 18. DIFFERENCE BETWEEN RCC AND PRESTRESSED CONCRETE 18.1 Materials Used in Prestressed Concrete 18.1.1 Steel 18.1.2 Tendons 18.1.3 Wires Strands or Cables 18.1.4 Bars 18.1.5 Concrete 18.2 The Comparisons Between the RCC and Prestressed Concrete 19. CONCRETE FLOOR SLAB PRODUCTION PROCESS 19.1 Different Slabs 19.1.1 One-Way Slabs on Beams 19.1.2 One-Way Joist Slab (Ribbed Slab) 19.1.3 Waffle Slab (Grid Slab) 19.1.4 Flat Plates 19.1.5 Flat Slabs 19.1.6 Two-Way Slabs on Beams 19.1.7 Hollow Core Slab 19.1.8 Hardy Slab 19.1.9 Bubble Deck Slab 19.1.10 Composite Slab 19.1.11 Precast Slab 19.1.12 Slab on Grade 19.2 Design Requirements of RCC Slab, Structural Design, Building Design 19.2.1 Effective Span in Slab Design **19.2.2 Limiting Stiffness** 19.2.3 Minimum Reinforcement 19.2.4 Maximum Diameter of the Bars 19.2.5 Spacing of the Main Reinforcement Bars 19.2.6 Percentage of Distribution Reinforcement 19.2.7 Cover to the RCC Slab

19.3 Process 19.3.1 Assemble and Erect Formwork for Slab 19.3.2 Prepare and Place Reinforcement for Slab 19.3.3 Pour, Compact and Finishing Concrete Floor Slab 19.3.4 Curing Concrete and Remove Formwork 20. CONCRETE BLOCK MAKING PROCESS 20.1 What do Need to Understand About Concrete Blocks? 20.2 Why Use Concrete Blocks for Construction? 20.3 Advantages of Concrete Blocks 20.4 Raw Materials Utilized in Concrete Blocks 20.5 Concrete Blocks Manufacturing Process 20.6 Process 20.6.1 Mixing 20.6.2 Molding 20.6.3 Curing 20.6.4 Cubing 21. TYPES OF CONCRETE BLOCKS USED IN CONSTRUCTION 21.1 Hollow Concrete Blocks vs. Solid Concrete Blocks 21.2 Types of Hollow Concrete Blocks 21.2.1 Stretcher Block 21.2.2 Pillar Block 21.2.3 Lintel Block 21.2.4 Jamb Block 21.2.5 Column Block 21.2.6 Corner Block 21.2.7 Splitface Block 21.2.8 Bullnose Block 21.2.9 Partition Block 21.3 Types of Solid Concrete Blocks 21.3.1 Fly Ash Block 21.3.2 Aerated Autoclaved Block 21.3.3 Paving Block 21.3.4 Cellular Lightweight Block 21.3.5 Expanded Clay Aggregate Block 22. CONCRETE ROOF TILES PRODUCTION 22.1 Extruded Concrete Roofing Tiles 22.2 Improvements to Colourings, Coatings and Textures 22.3 Concrete Roof Tiles and Other Roofing Materials 22.4 The Use of Pigments 22.5 Reducing Efflorescence 22.6 Life Expectancy and Design Criteria 22.7 Roof Tile Testing 22.8 Weathering Tests and Roof Tile Fixing 22.9 Future of Concrete Roof Tiles 22.10 Raw Materials 22.10.1 Sand 22.10.2 Cement 22.10.3 Colour 22.11 Manufacturing Process 22.12 Equipment 23. HOW TO START ROOF TILES PRODUCTION BUSINESS 23.1 Conduct Research on Roof Tiles

23.2 Create an Effective Business Plan 23.3 Include Business 23.4 Registration for Taxes 23.5 Lease a Facility and Establish a Manufacturing Factory 23.6 Raw Material Source 23.7 Market Research Source 24. INTERLOCKING CONCRETE PAVING BLOCKS MANUFACTURING 24.1 Types of Pavers 24.1.1 Natural Stone Pavers 24.1.2 Brick Pavers 24.1.3 Concrete Pavers 24.2 Manufacturing Process 24.2.1 Raw Material Required for the Making of Paver Blocks 24.2.2 Batching 24.2.3 Mixing 24.2.4 Filling of Moulds 24.2.5 Compaction 24.2.6 Curing 24.2.7 Quality Control 24.3 Manufacturing Equipment 24.3.1 Batching Equipment 24.3.2 Mixer 24.3.3 Moulding Machine 24.3.4 Curing Chamber 25. USE OF RICE HUSK ASH IN CONCRETE 25.1 Introduction 25.2 Salient Features 25.3 Physical Properties **25.4 Chemical Properties** 25.5 Why RHA? 25.5.1 High Performance Concrete (HPC) 25.5.2 Supplementary Cementing Materials 25.5.3 Research on RHA 25.5.4 Research Significance 25.6 Material Properties and Mix Design 25.6.1 Water 25.6.2 Methodology 25.7 Methodology Adopted for Mix Design 25.7.1 Design of Concrete Mix 25.7.2 Preparation of Mix Design 25.8 Casting of Specimens 25.8.1 Specimens for Split Tensile Strength 25.8.2 Specimens for Young's Modulus 25.8.3 Testing of Specimens 25.9 Material Used 25.9.1 Cement 25.9.2 Rice Husk Ash 25.9.3 Aggregate 25.9.4 Super Plasticizers 25.9.5 Water

25.10 Production of Rice Husk Ash 25.11 Burning Process of Rice Husk 25.12 Mix Design 26. SULFATE RESISTANCE OF HIGH-PERFORMANCE CONCRETE 26.1 Introduction 26.1.1 Materials 26.1.2 Mix Proportions 26.1.3 Mixing and Casting 26.1.4 Curing and Testing 26.2 Compressive Strength Determination 26.3 Resistance to Sulfate Attack 27. PRESTRESSED CONCRETE CEMENT POLES PRODUCTION METHOD 27.1 Different Shapes of Prestressed Concrete Poles 27.2 Advantages of Prestressed Concrete Poles 27.3 Design Considerations of Prestressed Concrete Poles 27.4 Manufacturing Methods of Prestressed Concrete Poles 27.4.1 Centrifugal Casting Method 27.4.2 Long Line Method 27.4.3 Mensel's Method 27.5 Manufacturing Process 27.5.1 Forms and Moulds 27.5.2 Aggregate (Coarse or Fine) 27.5.3 Cement 27.5.4 H.T. Wire 27.5.5 Water 27.5.6 Admixtures 27.5.7 Reinforcement and Tensioning 27.5.8 Designing, Mixing, Placing and Compacting Concrete 27.5.9 Curing of Poles 27.5.10 Detensioning and Cutting of Wires 27.5.11 Curing of Poles in Vats, Handling and Stacking 27.5.12 Sampling and Inspection 28. PRESTRESSED CONCRETE CYLINDER PIPE WITH ITS MANUFACTURING PROCESS 28.1 Standard Pipe 28.1.1 Bar-Wrapped Concrete Pressure Pipe 28.1.2 Welded Steel Pipe 28.2 Lined Cylinder Pipe (L-301) Features 28.3 Advantages 28.4 Embedded Cylinder Pipe (E-301) Features 28.5 Advantages 28.6 Manufacturing Process 28.7 Bar-Wrapped Concrete Pressure Pipe 28.8 Special Sections and Fittings 28.9 Quality Assurance 29. HOW TO START CONCRETE PIPE MANUFACTURING BUSINESS 29.1 Understand the Industry 29.1.1 Industry Statistics that are Interesting 29.2 Conduct Market Research and Feasibility Studies

29.2.1 Demographics and Psychographics 29.3 Decide What Niche to Concentrate On 29.3.1 The Industry's Level of Competition 29.4 Understand the Industry's Major Competitors 29.4.1 Economic Analysis 29.5 Decide Whether to Buy a Franchise or Start from Scratch 29.6 Know the Possible Threats and Challenges Will Face 29.7 Choose the Most Suitable Legal Entity (LLC, C Corp. S Corp) 29.8 Choose a Catchy Business Name from the Ideas Below 29.9 Consult with an Agent to Determine the Best Insurance Policies 29.10 Protect Intellectual Property with Trademark, Copyrights, Patents 29.11 Get the Necessary Professional Certification 29.12 Obtain the Legal Documents Required to Operate 29.13 Obtain the Required Startup Capital 29.14 Select an Appropriate Business Location 29.15 Hire Employees to Meet Technical and Manpower Requirements 29.15.1 The Service Delivery Process of the Business 29.16 Create a Marketing Plan that is Jam-Packed with Ideas and Strategies 29.17 Create a Set of Unbreakable Competitive Strategies to Help Win 29.18 Brainstorm Possible Ways to Retain Clients & Customers 29.19 Create a Corporate Identity and Develop Strategies to Increase Brand Awareness 29.20 Create a Suppliers/Distribution Network 30. PRESTRESSED CONCRETE BEAMS PRODUCTION PROCESS 30.1 Prestressed Concrete 30.2 Advantages 30.3 Levels of Prestressing 30.4 Materials for Making Prestressed Beams 30.4.1 Concrete, Steel, Grout 30.5 Prestressed Concrete Beams Production Process 30.6 Pre-Tensioning 30.6.1 Preparing the Mould 30.6.2 Placing of Reinforcement 30.6.3 Prestressing 30.6.4 Casting of Concrete 30.6.5 Removing the Mould 30.6.6 Storage 30.7 Post-Tensioning 30.7.1 Placing of Reinforcement and Duct 30.7.2 Prestressing 31. PRESTRESSED CONCRETE SLEEPER MANUFACTURING 31.1 What are the Characteristics of Prestressed Concrete?

31.2 What Materials Make up Prestressed Concrete? 31.3 Prestressed Concrete Sleepers Manufacturing Process 31.3.1 Preparing Molds 31.3.2 Pre-Tensioning of Strands 31.3.3 Concreting 31.3.4 Steam Curing 31.3.5 Removing Molds 31.3.6 Wet Curing 31.3.7 Testing and Transportation 32. RCC (REINFORCED CEMENT CONCRETE) BEAM 32.1 Purpose of Beams 32.2 Purpose of Stirrups in the Beam 32.3 Types of Beam According to the Support Conditions 32.3.1 Simply Supported Beams 32.3.2 Continuous Beams 32.3.3 Fixed Beams 32.3.4 Cantilever Beams 32.3.5 Overhanging Beam 32.4 Types of Loads on Beams 32.4.1 Point Load or Concentrated Load 32.4.2 Distributed Load 32.4.3 Uniformly Distributed Load (UDL) 32.4.4 Uniformly Varying Load (UVL) 32.4.5 Couple Forces 32.5 Reinforcement in RCC Beam 32.5.1 Single Reinforcement 32.5.2 Double Reinforcement 32.5.3 Shear Force 32.5.4 Bending Moment 32.5.5 Deflection 32.6 The Manufacturing Process 33. PRECAST RCC WALL PRODUCTION 33.1 Materials 33.2 Basic Material Testing 33.2.1 Test on Cement 33.2.2 Test on M-Sand and Coarse Aggregate 33.3 Mix Proportions for One cum of Concrete (SSD Condition) 33.4 Test on Concrete 33.4.1 Compressive Strength Test 33.4.2 Slump Test 33.5 Manufacturing Process 34. TYPES OF ADMIXTURES AND ITS EFFECT ON CONCRETE 34.1 What Purposes do Admixtures Serve? 34.2 What is the Purpose of Admixtures in Concrete? 34.3 What is the Ideal Concrete Admixture? 34.4 Types of Concrete Admixtures 34.4.1 Water Reducing Admixtures 34.4.2 Retarding Admixtures 34.4.3 Accelerating Admixtures 34.4.4 Air Entraining Concrete Admixture 34.4.5 Pozzolanic Admixtures

34.4.6 Damp-Proofing Admixtures 34.4.7 Gas forming Admixtures 34.4.8 Air Detraining Admixtures 34.4.9 Alkali Aggregate Expansion Preventing Admixtures 34.4.10 Anti-washout Admixtures 34.4.11 Grouting Admixtures 34.4.12 Corrosion Preventing Admixtures 34.4.13 Bonding Admixtures 34.4.14 Fungicidal, Germicidal, Insecticidal Admixtures 34.4.15 Coloring Admixtures 34.5 Mechanism of Action of Chemical Admixtures 34.6 Admixtures and Concrete Rheology 34.7 Concrete Admixtures and Their Effect on Concrete Properties 34.7.1 Air Entraining Admixtures 34.7.2 Water Reducing 34.7.3 Retarders 34.7.4 Accelerators 34.7.5 High Range Water Reducing Admixtures 34.8 Miscellaneous Admixtures 35. FLY ASH BRICKS MANUFACTURING PROCESS 35.1 History 35.2 Sources of Fly Ash 35.3 Properties of Fly ash Bricks 35.4 Environmental Advantages of Fly Ash Bricks 35.5 Merit of Fly Ash Brick 35.6 Raw Materials 35.7 Manufacturing Process 36. HOW TO BEGIN FLY ASH BRICK MANUFACTURING BUSINESS 36.1 Determine a Business Plan 36.2 Required Space 36.3 Abundance of Water 36.4 Availability of Raw Material 36.5 Required Machinery 36.6 Worker Attainability 36.7 Costing 36.8 Analyze the Competitor 36.9 Profitability 37. AAC BLOCKS (AUTOCLAVED AERATED CONCRETE BLOCKS) **PRODUCTION-FLY ASH BASED** 37.1 History About ACC Blocks 37.2 Benefits of AAC Blocks 37.3 AAC Blocks Manufacturing 37.4 Ingredients of AAC Blocks 37.5 Process 37.5.1 Raw Material Preparation 37.5.2 Dosing and Mixing 37.5.3 Moulding, Rising and Pre-Curing 37.5.4 De-Moulding and Wire Cutting 37.5.5 Autoclaving of AAC blocks 38. MOSAIC FLOORING TILES PRODUCTION PROCESS 38.1 History of Mosaic Art

38.2 How to Make Mosaic Art 38.3 Purpose of Mosaic Floor Tiles 38.4 Construction of Mosaic Flooring 38.5 Advantages of Mosaic Floor Tiles 38.6 Disadvantages of Mosaic Tiles 38.7 Types of Mosaic Floor Tiles 38.7.1 Chevron Mosaic Tile 38.7.2 Penny Hexagonal Tile 38.7.3 Hexagon Mosaic Tile 38.7.4 Octagonal Mosaic Tiles 38.7.5 Herringbone Floor Tiles 38.7.6 Glass Mosaics 38.7.7 Metal Mosaics 38.7.8 Natural Pebble (Stone) Mosaics 38.7.9 Natural Wood Mosaics 38.7.10 Marble Mosaic Tile 38.7.11 Porcelain Mosaic Tile 38.8 There are Three Method 38.8.1 Direct Method 38.8.2 Indirect Method 38.9 Manufacture of Mosaic Tiles 38.9.1 Preparation of Clay 38.9.2 Moulding 38.9.3 Drying 38.9.4 Burning 38.9.5 Pollution Control 38.9.6 Energy Conservation **39. HOW TO PRODUCE WALL PUTTY** 39.1 Types of Wall Putty 39.1.1 Cement Wall Putty 39.1.2 Acrylic Wall Putty 39.2 Is Plaster the Same as Wall Putty? 39.3 What does Wall Putty do in Building? 39.4 Benefits of Using Wall Putty 39.4.1 Repairing Cracks and Damages on Walls 39.4.2 Providing a Base for New Paint 39.4.3 Improving Insulation 39.4.4 Easy to Use and Apply 39.4.5 Quick-Drying Time 39.4.6 Resistant to Moisture 39.4.7 Wall Putty doesn't Flake or Get Easily Damaged 39.5 Chemical Composition **39.6 Applications** 39.6.1 Use in Construction 39.6.2 Polyester Based Putty 39.6.3 Plumber's Putty 39.6.4 Other Uses 39.7 Wall Putty vs. White Cement 39.8 Wall Putty vs. POP 39.9 Raw Material 39.10 Putty Manufacturing Process 39.10.1 Raw Material Unloading & Storage 39.10.2 Weighing/Batching of the Ingredients

39.10.3 Conveying of Raw Material to Charge Hoppers 39.10.4 Blending & Mixing 39.11 Main Components of the Wall Putty Making Machine 39.11.1 Raw Material Storage Equipment 39.11.2 Dosing Device 39.11.3 Mixer 39.11.4 Packaging Machine 39.11.5 Dust Collector 39.11.6 Conveying and Lifting Equipment **40. READY MIX CONCRETE** 40.1 Merits of R.M.C. 40.2 Scope of Ready Mix Concrete 40.3 Materials Required For Ready Mix Concrete 40.4 Mixing Process 40.4.1 Transit Mixed (or "Truck-Mixed") Concrete 40.4.2 Shrink Mixed Concrete 40.4.3 Central Mixed Concrete 40.5 Slurry Mixing 40.6 Equipment Required In Ready Mixed Concrete 40.6.1 Batching 40.6.2 Inline Bins 40.6.3 Silos 40.7 Tests Carried on R.M.C 40.8 Ready Mix Concrete Quality Testing Methods 40.8.1 Concrete Slump Tests 40.8.2 Air Content Testing 40.8.3 Unit Weight 40.8.4 On-Field Testing of Existing Concrete 40.8.5 Schmidt Rebound Hammer 40.8.6 Destructive Concrete Testing 40.8.7 Comprehensive Strength Laboratory Test 41. HOW TO MAKE MANUFACTURED SAND 41.1 M Sand Types 41.2 Why is Manufactured Sand Significant Today? 41.4 The Factors that Promote the Development of Artificial Sand 41.4.1 Natural Sand Depletion 41.4.2 The Need for Energy Saving and Environmental Protection 41.4.3 The Need for the Development of High-Performance Concrete Technology 41.5 Advantages of Manufactured Sand 41.6 Manufactured Sand Production Process 41.7 Coarse and Fine Crushing 41.7.1 Primary Crushing 41.7.2 Jaw Crusher 41.7.3 Secondary Crushing 41.8 Impact Crusher 41.9 Cone Crusher 41.10 Sand Making and Screening 41.11 Sand Washing and Recycling 42. ISO STANDARDS

43. INDIAN STANDARD CODES

44. BIS STANDARDS

45. PLANT LAYOUT AND PROCESS FLOW CHART & DIAGRAM 46. PHOTOGRAPHS OF PLANT AND MACHINERY WITH SUPPLIERS CONTACT DETAILS

- Automatic Block Making Machine
- Hydraulic Interlocking Block Machine
- Rotary Kiln
- Rotary Cooler
- Cement Clinker Ball Mill
- Weigh Feeder
- Cone Crusher
- Jaw Crushers
- Sand Rotary Dryer
- Psc Pole Mold Making Machine
- Vibratory Feeder
- Fly Ash Brick Making Machines
- Prestressed Electric Pole Mould
- Prestressed Concrete Pipe Mould
- Cement Packing Machine
- Clinker Granulator
- Concrete Sleeper Steel Moulds
- Rotary Cooler
- Steel Silo
- Bucket Elevator
- Belt Conveyors
- Roof Tile Forming Machine
- Artificial Sand Making Machine
- Paver Block Making Machine
- Concrete Testing Machines
- Wall Putty Making Machine
- Prestressed Concrete Hollow Core Slab Machine

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