

Investment

Opportunities to Start

Aluminium Cans for Beer
and Beverage Project

Production of Most

Sustainable Beverage

Container



Introduction

The aluminium beverage will is now the popular choice for carbonated and still soft drinks, mineral waters, beers and lagers. It competes with success against drinks containers of glass, plastic and steel, and is that the only drinks container that control system recycling applies; a second hand aluminium drinks will is recycled back to aluminium can sheet for the manufacture of another aluminium drinks will.

The range of drink cans includes the standard drink will with a 206 mm diameter finish, and current machine conversions additionally afford the production of a 202 mm diameter finish. Can sizes include 330 ml, 355 ml and 375 ml.



Raw Materials

The raw material of the aluminum beverage will is, of course, aluminum. Aluminum is derived from AN ore called mineral. U.S. aluminum producers import bauxite, primarily from Jamaica and Guinea. The bauxite is refined so smelted, and the ensuing melted aluminum is cast into ingots the aluminum base, for beverage cans consists principally of aluminum, however it contains little amounts of other metals additionally. These are usually 1% magnesium, 1% manganese, 0.4% iron, 0.2% silicon, and 0.15% copper. An outsized portion of the aluminum employed in the liquid will business springs from recycled material. Twenty-five percent of the overall American aluminum provide comes from recycled scrap, and the beverage will business is that the primary user of recycled material.

The energy savings are significant once used cans are remitted, and therefore the aluminum will industry currently reclaims more than 63% of used cans.

Related projects:- [Aluminium and Aluminium Downstream Projects](#)



Advantages of Aluminium Can

The various advantages that make it a choice material are:

- Light Weight: its light weightiness makes aluminium containers easy to transport, carry and store.
- Impermeable: The containers made from aluminium are impermeable to odor, gases or water vapor.
- The containers do not impart any metallic odor or taste to the containers
- The aluminium containers, stack-up well against other beverage containers. They occupy less space to carry same volume of contents when compared to glass bottles.



- The aluminium cans have no bottom or side seams, thus minimizing chances for leakages.
- It has high strength to weight ratio.
- The cans can be made tamper proof.
- In certain cases, such as dairy products, internal lacquering is not necessary.
- It is a good conductor of heat, which means heating, or chilling is quick and efficient.
- It shows quite corrosion resistance.
- It offers excellent recycling property.



The Manufacturing Process

1 CUTTING THE BLANK

The modern methodology for creating aluminum beverage cans is termed two-piece drawing and wall ironing. The method begins with associate aluminum ingot that was cast to be about 30 inches (76 cm) thick, then rolled into a thin sheet. The primary step in the actual manufacture of the will is to chop the sheet into a circle, called a blank which will type all-time low and sides of the will. Every blank is five.5 inches (14 cm) in diameter. Some material is essentially the tiny ripples at the highest of the metal are called "ears". "Earing" is an unavoidable effect of the crystalline structure of the aluminum sheet. The tiny ripples at the top of the metal are called "ears". "Earing" is an unavoidable impact of the crystalline structure of the aluminium sheet.

Lost between every circle, however manufacturers have found that minimum aluminum is lost when the sheets are wide enough to hold 2 staggered rows of seven blanks each. Concerning 12-14% of the sheet is wasted, however may be reused as scrap. After the circular blank is cut, it is "drawn" or pulled up to form a cup 3.5 inches (8.9 cm) in diameter.

Related Books:- [Packaging Industry, Beverage Can, Bottles, Blister Packs, Carton, Bags, Plastic Bottles](#)

2 REDRAWING THE CUP

The small cup ensuing from the initial draw is then transferred to a second machine. A sleeve holds the cup precisely in place, and a punch down swiftly into the cup redraws it to a diameter of concerning a pair of .6 inches (6.6 cm). The peak of the cup will increase simultaneously from the initial 1.3 to 2.25 inches (3.3 to 5.7 cm). The punch then pushes the cup against three rings known as ironing rings, which stretch and thin the cup walls.

This complete operation—the drawing and ironing—is worn out one continuous punch stroke, that takes only one fifth of a second to complete. The cup is currently concerning 5 inches (13 cm) high. Then another punch presses up against the bottom of the cup, inflicting the bottom to bulge inward. This form counteracts the pressure of the carbonated liquid the will contain. All-time low and lower walls of the will are a little thicker than the upper walls, for added strength.

3 TRIMMING THE EARS

The drawing and ironing method leaves the will slightly wavy at the highest. These little ripples within the metal are known as "ears." "Earing" is an unavoidable effect of the crystalline structure of the aluminum sheet. [Aluminum](#) companies have studied this phenomenon extensively, and they are able to influence the position and height of the ears by controlling the rolling of the aluminum sheet.

Aluminum companies have studied this phenomenon extensively, and they are able to influence the position and height of the ears by controlling the rolling of the aluminum sheet. Nevertheless, some material is lost at this stage. a few quarter in. is trimmed from the highest of the will, feat the higher walls straight and level.

Related projects:- Alcoholic and Non-Alcoholic Beverages, Drinks, Hard and Soft Drinks, Fruit and Vegetable Juice, Agro food Sector, Distilled Beverage, Carbonated and Non Carbonated Drinks, Beer and Breweries, Caffeinated Beverages, Energy Drinks Projects

4 cleaning AND DECORATING

The drawing and ironing process leaves the outer wall of the will with a swish, shiny surface, therefore it doesn't need to any extent further finishing reminiscent of polishing. After the ears are cut, the will is cleaned then imprinted with its label.

After the will is decorated, it's squeezed in slightly at the highest to a make a neck, and also the neck is given an out-ward projection at the terribly high edge, which will be folded over once the lid is added.

5 THE LID

The lid is formed of a slightly completely different alloy than the [aluminum](#) for the bottom and sides of the will. The inward bulge of all-time low of the will helps it stand up to the pressure exerted by the liquid within it, however the flat lid should be stiffer and stronger than the bottom, therefore it's made of aluminum with a lot of magnesium and less MN than the rest of the will. This ends up in stronger metal, and the lid is considerably thicker than the walls. The lid is move a diameter of 2.1 inches (5.3 cm), smaller than the 2.6-inch (6.6 cm) diameter of the walls. The center of the lid is stretched upward slightly and drawn by a machine to form a rivet.

The pull tab, a separate piece of metal, is inserted below the rivet and secured by it. Then the lid is scored in order that once the tab is pulled by the patron, the metal can detach easily and leave the proper opening.

To ensure that the cans are created properly, they're automatically checked for cracks and pinholes. One in 50,000 cans is sometimes found to be defective.

Related Books:- [Alcohol And Alcohol Based Industries, Alcoholic And Non Alcoholic Beverages ,Fruit Juices, Whisky, Beer, Rum ,Wine And Sugarcane Bye Products](#)



6 FILLING AND SEAMING

After the neck is formed, the will is ready to be stuffed. The will is held tightly against the seat of a filling machine and a beverage is poured in. The lid is added. The higher projection fashioned once the will was given its neck is then bent around the lid and seamed shut. At this time, the will is prepared for sale.



Applications

- Food
- Fruits & vegetables
- Convenience food
- Pet food
- Meat & seafood
- Other food products
- Beverage
- Alcoholic beverages
- Carbonated soft drinks
- Sports & energy drinks
- Other beverages
- Pharmaceuticals
- Chemicals

Market Outlook

Market of India

increased the beverage market in India by 20% Can-Pack india has steered a revolution within the Indian beverage packaging business with the setup of a state of the art facility for the manufacture of two-piece aluminium beverage cans. Can-Pack India is India's first and only aluminium beverage can manufacture company. in sight of the tremendous changes within the Indian economy, the globalization} process, advent of consumerism in india and also the importance of environment protection for the standard of life,



Can-Pack Asian country have achieved the highest production standard providing our customers with the very best quality of beverage cans.

Related Projects:- Packaging Industry, Beverage Can, Bottles, Blister Packs, Carton, Bags, Plastic Bottles, Skin Pack, Tin Can, Boxes, Shrink Wrap, Barrel, Crate, Aseptic, Container, Active, Flexible, Rigid Plastic, Metal, Flexible, Glass, Paper Board, Food, Beverage

Can-Pack [India](#) is the undisputed market leader with a 70% market share and our sales are growing year on year. 500ml, 330ml regular and 330ml FIT aluminium beverage cans necked to 202 or 206 dia. Sustainability has become inevitable and aluminium [packaging](#) has become the number one choice for beverages all over the globe for the advantages it renders.

While the Indian drinks market currently uses around 1 billion aluminium cans each year or 15,000-16,000 metric tons of aluminium this could increase to 5 billion cans--or 90,000-100,000 tons of metal-in seven to eight years.

India is expected to consume around 2.7 million tons of aluminium, a small fraction of the 65.5 million tons of estimated global demand, but while industry estimates peg global [aluminium](#) consumption growth at 4%-6% annually, India's consumption of the metal should grow at a rate of 11%-12%. The India aluminum beverage can market size is projected to reach USD 457.4 million by 2025 at a CAGR of 10.7%.



The segment is expected to register a healthy volume-based CAGR of 7.6% over the forecast amount. One among the most important factors driving the segment within the last decade has been increasing sale of brew (in [aluminum](#) food cans) through off-premise retail channels comparable to grocery, mass merchandisers, and convenience stores. These stores are that includes additional canned beer offerings than those offered by bars and restaurants (on-premise retailing). Despite the presence of a large consumer base, the Indian beer business has been witnessing lower levels of beer consumption, which may be attributed to restrictions on the supply of beer (alcohol) in certain states of the country.

Related projects:- [Fast Moving Consumer Goods \(FMCG\) Projects, Non-Durable Items, Consumer Packaged Goods \(CPG\), Packaged Foods, Beverages, Toiletries, Over-the-Counter Drugs and many other Consumables](#)

In terms of volume, the alcoholic beverages application segment is expected to witness steady growth over the forecast amount, because of rising popularity of on-the-go [alcohol](#) options. West India dominated the market in terms of revenue, with a market share of thirty one.4% in 2017, owing to increasing consumption of energy and sports drinks. This can be attributed to high performance of the tourism industry within the region.



Aluminum Cans of 201-450 ml to Stay in Demand

With beverage industry behemoths such as Coca-Cola and PepsiCo preparing to roll out water packaged in aluminum, market players are ramping up the production of aluminum cans of a wide range of capacities. Owing to advantages such as lightweight and easy to transport and store, 201-450 ml aluminum cans continue to witness relatively high demand, amid the rise of 'on-the-go' culture and growing popularity of ready-to-drink (RTD) beverages. Manufacturers are also focusing on higher range of capacities including 700-1000ml and more than 1000ml to capitalize on rapidly growing demand from paints & lubricants and personal care & cosmetics industries.



Global Market

The global beverage cans market size is expected to reach USD 60.92 billion by 2024. The growth is driven mostly by increasing demand for compact beverage packaging solutions worldwide. Demand for energy drinks, canned cold coffee and iced tea in Europe and Latin America are expected to grow significantly driving the beverage can market boom. This is expected to propel the demand for aluminium beverage cans in these countries causing an export boom from the can producing countries.



. North [America](#) is a major consumer of carbonated drinks and other flavoured soda drinks and during the forecast period, the country is expected to influence the demand for aluminium cans significantly. Aggressive promotion by soft drink manufacturers such as Coca-Cola is also expected to have a positive impact on the beverage cans market growth.

Related Videos:- [Packaging Industry, Food Packaging, Paper, Beverage Can, Bottles, Carton, Plastic Bottles, Corrugated Boxes, Aseptic, Flexible, Rigid Plastic, Glass](#)

The global beverage cans market is anticipated to expand at a rapid pace due to the rise in demand for aerated drinks and rise in consumption of packaged juices.

Key Players:-

Bharat Containers (Nagpur) Pvt. Ltd.

Hindustan Tin Works Ltd.

Kandhari Beverages Pvt. Ltd.

Punsumi Foils & Components Ltd.

Zenith Tins Pvt. Ltd.

Ball Aerocan India Pvt. Ltd.

Ball Beverage Packaging (India) Pvt. Ltd.

Can-Pack India Pvt. Ltd.

Nilraj Engineering Works Pvt. Ltd.

Shetron Ltd.

Machinery Photographs





Project at a Glance

| COST OF PROJECT | | | | MEANS OF FINANCE | | | |
|--------------------------------|----------|----------|----------|--------------------|----------|----------|---------|
| Particulars | Existing | Proposed | Total | Particulars | Existing | Proposed | Total |
| Land & Site | | | | | | | |
| Development Exp. | 0.00 | 750.00 | 750.00 | Capital | 0.00 | 9958.65 | 9958.65 |
| Buildings | 0.00 | 858.00 | 858.00 | Share Premium | 0.00 | 0.00 | 0.00 |
| | | | 34307.50 | Other Type Share | | | |
| Plant & Machineries | 0.00 | 34307.50 | 0 | Capital | 0.00 | 0.00 | 0.00 |
| Motor Vehicles | 0.00 | 50.00 | 50.00 | Reserves & Surplus | 0.00 | 0.00 | 0.00 |
| Office Automation | | | | | | | |
| Equipments | 0.00 | 210.00 | 210.00 | Cash Subsidy | 0.00 | 0.00 | 0.00 |
| Technical Knowhow | | | | Internal Cash | | | |
| Fees & Exp. | 0.00 | 100.00 | 100.00 | Accruals | 0.00 | 0.00 | 0.00 |
| Franchise & Other | | | | Long/Medium Term | | 29875.9 | 29875.9 |
| Deposits | 0.00 | 0.00 | 0.00 | Borrowings | 0.00 | 5 | 5 |
| Preliminary& Pre-operative Exp | 0.00 | 15.00 | 15.00 | Debentures / Bonds | 0.00 | 0.00 | 0.00 |
| Provision for | | | | Unsecured | | | |
| Contingencies | 0.00 | 3018.00 | 3018.00 | Loans/Deposits | 0.00 | 0.00 | 0.00 |
| Margin Money - Working Capital | 0.00 | 526.10 | 526.10 | | | | |
| | | | 39834.6 | | | 39834.6 | 39834.6 |
| TOTAL | 0.00 | 39834.60 | 0 | TOTAL | 0.00 | 0 | 0 |



Project at a Glance

| Year | Annualised | | Book Value | Debt | Dividend | Retained Earnings | | Payout | Probable Market Price | P/E Ratio | Yield Price/Book Value |
|------|------------|-------|------------|-------|-----------|-------------------|-------|--------|-----------------------|-------------|------------------------|
| | EPS | CEPS | Per Share | | Per Share | Per Share | | % | | No.of Times | % |
| | | | | | | % | | % | | | |
| 1-2 | 4.50 | 10.23 | 14.50 | 24.00 | 0.00 | 100.00 | 4.50 | 0.00 | 4.50 | 1.00 | 0.00 |
| 2-3 | 6.50 | 11.38 | 21.00 | 18.00 | 0.00 | 100.00 | 6.50 | 0.00 | 6.50 | 1.00 | 0.00 |
| 3-4 | 8.56 | 12.72 | 29.56 | 12.00 | 0.00 | 100.00 | 8.56 | 0.00 | 8.56 | 1.00 | 0.00 |
| 4-5 | 10.65 | 14.19 | 40.21 | 6.00 | 0.00 | 100.00 | 10.65 | 0.00 | 10.65 | 1.00 | 0.00 |
| 5-6 | 12.73 | 15.74 | 52.93 | 0.00 | 0.00 | 100.00 | 12.73 | 0.00 | 12.73 | 1.00 | 0.00 |



Project at a Glance

| Year | D. S. C. R. | | | Debt / Equity - Deposits Debt | Equity as-Equity | Total Net Worth | Return on Net Worth | Profitability Ratio | | | | | Assets Turnover Ratio | Current Ratio |
|---------|-------------------|------------|---------|-------------------------------|------------------|-----------------|---------------------|---------------------|--------|--------|-------------------|-----------|-----------------------|---------------|
| | Individual | Cumulative | Overall | | | | | GPM | PBT | PAT | Net Contri bution | P/V Ratio | | |
| Initial | (Number of times) | | | (Number of times) | | % | % | % | % | % | % | | | |
| 1-2 | 1.48 | 1.48 | | 3.00 | 3.00 | | | 27.49% | 17.07% | 15.55% | 18752.24 | 65.1% | 0.72 | 0.85 |
| 2-3 | 1.66 | 1.57 | | 0.86 | 0.86 | 0.97 | | 33.86% | 26.59% | 19.26% | 21877.51 | 65.1% | 0.82 | 1.50 |
| 3-4 | 1.89 | 1.67 | 1.90 | 0.41 | 0.41 | 0.50 | | 38.19% | 33.30% | 22.21% | 25002.87 | 65.1% | 0.87 | 2.26 |
| 4-5 | 2.17 | 1.78 | | 0.15 | 0.15 | 0.22 | | 41.18% | 38.14% | 24.55% | 28128.22 | 65.1% | 0.88 | 3.13 |
| 5-6 | 2.53 | 1.90 | | 0.00 | 0.00 | 0.06 | | 43.27% | 41.70% | 26.40% | 31253.58 | 65.1% | 0.86 | 11.64 |



Project at a Glance

BEP

| | |
|---|------------------|
| BEP - Maximum Utilisation Year | 5 |
| Cash BEP (% of Installed Capacity) | 26.34% |
| Total BEP (% of Installed Capacity) | 35.95% |
| IRR, PAYBACK and FACR | |
| Internal Rate of Return .. (In %age) | 22.72% |
| Payback Period of the Project is (In Years) | 2 Years 3 Months |
| Fixed Assets Coverage Ratio (No. of times) | 2.460 |

Major Queries/Questions Answered in the Report?

- 1. What is Aluminium Cans for Beer and Beverage Manufacturing industry ?**
- 2. How has the Aluminium Cans for Beer and Beverage Manufacturing industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of Aluminium Cans for Beer and Beverage Manufacturing Plant ?**
- 4. What are the requirements of Working Capital for setting up Aluminium Cans for Beer and Beverage Manufacturing plant ?**

5. What is the structure of the Aluminium Cans for Beer and Beverage Manufacturing Business and who are the key/major players ?

6. What is the total project cost for setting up Aluminium Cans for Beer and Beverage Manufacturing Business?

7. What are the operating costs for setting up Aluminium Cans for Beer and Beverage Manufacturing plant ?

8. What are the machinery and equipment requirements for setting up Aluminium Cans for Beer and Beverage Manufacturing plant ?

- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Aluminium Cans for Beer and Beverage Manufacturing plant ?**
- 10. What are the requirements of raw material for setting up Aluminium Cans for Beer and Beverage Manufacturing plant ?**
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up Aluminium Cans for Beer and Beverage Manufacturing Business?**
- 12. What is the Manufacturing Process of Aluminium Cans for Beer and Beverage ?**

- 13. What is the total size of land required for setting up Aluminium Cans for Beer and Beverage Manufacturing plant ?**
- 14. What will be the income and expenditures for Aluminium Cans for Beer and Beverage Manufacturing Business?**
- 15. What are the Projected Balance Sheets of Aluminium Cans for Beer and Beverage Manufacturing plant ?**
- 16. What are the requirement of utilities and overheads for setting up Aluminium Cans for Beer and Beverage Manufacturing plant?**
- 17. What is the Built up Area Requirement and cost for setting up Aluminium Cans for Beer and Beverage Manufacturing Business?**

18. What are the Personnel (Manpower) Requirements for setting up Aluminium Cans for Beer and Beverage Manufacturing Business?

19. What are Statistics of Import & Export for Aluminium Cans for Beer and Beverage?

20. What is the time required to break-even of Aluminium Cans for Beer and Beverage Manufacturing Business?

21. What is the Break-Even Analysis of Aluminium Cans for Beer and Beverage Manufacturing plant?

22. What are the Project financials of Aluminium Cans for Beer and Beverage Manufacturing Business?

23. What are the Profitability Ratios of Aluminium Cans for Beer and Beverage Manufacturing Project?

24. What is the Sensitivity Analysis-Price/Volume of Aluminium Cans for Beer and Beverage Manufacturing plant?

25. What are the Projected Pay-Back Period and IRR of Aluminium Cans for Beer and Beverage Manufacturing plant?

26. What is the Process Flow Sheet Diagram of Aluminium Cans for Beer and Beverage Manufacturing project?

27. What are the Market Opportunities for setting up Aluminium Cans for Beer and Beverage Manufacturing plant?

28. What is the Market Study and Assessment for setting up Aluminium Cans for Beer and Beverage Manufacturing Business?

29. What is the Plant Layout for setting up Aluminium Cans for Beer and Beverage Manufacturing Business?

Table of Contents of the Project Report



1 PROJECT LOCATION

- 1.1. District Profile & Geotechnical Site Characterization
 - 1.1.1. General
 - 1.1.2. History
 - 1.1.3. Origin and Development
 - 1.1.4. Map
 - 1.1.5. Location and Boundaries
 - 1.1.6. Infrastructure
 - 1.1.7. Economy
 - 1.1.8. Main Industries of District
 - 1.1.9. Fair & Festivals
 - 1.1.10. Administration
 - 1.1.11. Health
 - 1.1.12. Transportation

2. INTRODUCTION

3. USES & ADVANTAGE

3.1. USES

3.2. ADVANTAGES

4. PROPERTIES

5. STANDARD SIZES CAPACITY IN COUNTRIES

6. B.I.S. SPECIFICATION

6.1. IS 14407: 1996 (REAFFIRMED YEAR: 2016) ALUMINIUM CANS FOR BEVERAGES

7. MARKET SURVEY

7.1. INDIA'S ALUMINIUM CAN MARKET

7.2. THE BEVERAGE CAN INDUSTRY

7.3. INDIA ALUMINUM BEVERAGE CAN MARKET SIZE

7.3.1. Application Insights

7.3.2. Regional Insights

7.3.3. Market Share Insights

7.4. GLOBAL MARKET

7.4.1. Overview

7.4.2. Properties and Applications

7.4.3. Market Analysis

7.4.4. Competitive Landscape

7.5. TOP FIVE ALUMINIUM CAN MANUFACTURERS IN THE WORLD

8. EXPORT & IMPORT: ALL COUNTRIES

8.1. EXPORT: ALL COUNTRIES

8.2. IMPORT: ALL COUNTRIES

9. FINANCIALS & COMPARISON OF MAJOR INDIAN PLAYERS/COMPANIES

9.1. ABOUT FINANCIAL STATEMENTS OF CMIE DATABASE

9.2. PROFITS & APPROPRIATIONS

9.3. TOTAL LIABILITIES

9.4. TOTAL ASSETS

9.5. NET CASH FLOW FROM OPERATING ACTIVITIES

9.6. SECTION – I

- 9.6.1. Name of Company with Contact Details
- 9.6.2. Name of Director(S)
- 9.6.3. Plant Capacity
- 9.6.4. Credit Ratings
- 9.6.5. Location of Plant
- 9.6.6. Name of Raw Material(S) Consumed with Quantity & Cost

9.7. SECTION- II

- 9.7.1. Assets
- 9.7.2. Cash Flow
- 9.7.3. Cost as % Ge of Sales
- 9.7.4. Forex Transaction
- 9.7.5. Growth in Assets & Liabilities
- 9.7.6. Growth in Income & Expenditure
- 9.7.7. Income & Expenditure
- 9.7.8. Liabilities
- 9.7.9. Liquidity Ratios
- 9.7.10. Profitability Ratio
- 9.7.11. Profits
- 9.7.12. Return Ratios

9.7.13. Structure of Assets & Liabilities (%)

9.7.14. Working Capital & Turnover Ratios

10. COMPANY PROFILE OF MAJOR PLAYERS

11. EXPORT & IMPORT STATISTICS OF INDIA

11.1. EXPORT STATISTICS ON ALUMINIUM BEVERAGE CANS

11.2. IMPORT STATISTICS ON ALUMINIUM BEVERAGE CANS

12. PRESENT MANUFACTURERS

13. PRODUCT DETAILS

13.1. DRAWN AND IRONED 2 PIECE ALUMINIUM CANS

13.2. BASIC CAN CRITERIA

13.3. CAN SHAPES

14. PRODUCTS FEATURES AND USAGE

- 14.1. BEER AND BEVERAGE TWO-PIECE CAN FEATURES
- 14.2. NOMENCLATURE
- 14.3. 2-PIECE DWI CAN DIMENSIONS

15. RAW MATERIAL

16. MANUFACTURING PROCESS

17. PROCESS FLOW DIAGRAM

18. BUYER'S LIST

- 18.1. CONTACT DETAILS OF BUYER'S
- 18.2. NAME OF DIRECTOR(S)
- 18.3. PLANT CAPACITY
- 18.4. CREDIT RATINGS
- 18.5. PLANT LOCATIONS
- 18.6. COMPANY WISE CONSUMPTION DETAIL OF THE RAW MATERIALS

- 19. SUPPLIERS OF RAW MATERIAL**
- 20. SUPPLIERS OF PLANT & MACHINERY**
- 21. PHOTOGRAPHS/IMAGES FOR REFERENCE**
 - 21.1. PRODUCT PHOTOGRAPHS
 - 21.2. MACHINERY PHOTOGRAPHS
 - 21.3. RAW MATERIAL PHOTOGRAPHS
- 22. PLANT LAYOUT**
- 23. QUOTATION OF PLANT, MACHINERY AND EQUIPMENTS FROM SUPPLIER**

Project Financials

| | |
|--|-----------------|
| • Project at a Glance | Annexure |
| • Assumptions for Profitability workings | 1 |
| • Plant Economics..... | 2 |
| • Production Schedule..... | 3 |
| • Land & Building..... | 4 |
| Factory Land & Building | |
| Site Development Expenses | |

- **Plant & Machinery.....5**
 - Indigenous Machineries**
 - Other Machineries (Miscellaneous, Laboratory etc.)**

- **Other Fixed Assets.....6**
 - Furniture & Fixtures**
 - Pre-operative and Preliminary Expenses**
 - Technical Knowhow**
 - Provision of Contingencies**

- **Working Capital Requirement Per Month.....7**
 - Raw Material**
 - Packing Material**
 - Lab & ETP Chemical Cost**
 - Consumable Store**

- **Overheads Required Per Month and Per Annum.....8**
 Utilities & Overheads (Power, Water and Fuel Expenses etc.)
 Royalty and Other Charges
 Selling and Distribution Expenses

- **Salary and Wages9**

- **Turnover Per Annum10**

- **Share Capital.....11**
 Equity Capital
 Preference Share Capital

- **Annexure 1 :: Cost of Project and Means of Finance**
- **Annexure 2 :: Profitability and Net Cash Accruals**
 - **Revenue/Income/Realisation**
 - **Expenses/Cost of Products/Services/Items**
 - **Gross Profit**
 - **Financial Charges**
 - **Total Cost of Sales**
 - **Net Profit After Taxes**
 - **Net Cash Accruals**

- **Annexure 3 :: Assessment of Working Capital requirements**

- **Current Assets**
- **Gross Working Capital**
- **Current Liabilities**
- **Net Working Capital**
- **Working Note for Calculation of Work-in-process**

- **Annexure 4 :: Sources and Disposition of Funds**

- **Annexure 5 :: Projected Balance Sheets**

- **ROI (Average of Fixed Assets)**
- **RONW (Average of Share Capital)**
- **ROI (Average of Total Assets)**

- **Annexure 6 :: Profitability Ratios**

- **D.S.C.R**
- **Earnings Per Share (EPS)**
- **Debt Equity Ratio**

• **Annexure 7 :: Break-Even Analysis**

- **Variable Cost & Expenses**
- **Semi-Variable/Semi-Fixed Expenses**
- **Profit Volume Ratio (PVR)**
- **Fixed Expenses / Cost**
- **B.E.P**

- **Annexure 8 to 11 :: Sensitivity Analysis-Price/Volume**

- **Resultant N.P.B.T**
- **Resultant D.S.C.R**
- **Resultant PV Ratio**
- **Resultant DER**
- **Resultant ROI**
- **Resultant BEP**

- **Annexure 12 :: Shareholding Pattern and Stake Status**

- **Equity Capital**

- **Preference Share Capital**

- **Annexure 13 :: Quantitative Details-Output/Sales/Stocks**

- **Determined Capacity P.A of Products/Services**

- **Achievable Efficiency/Yield % of Products/Services/Items**

- **Net Usable Load/Capacity of Products/Services/Items**

- **Expected Sales/ Revenue/ Income of Products/ Services/ Items**

- **Annexure 14** :: **Product wise Domestic Sales Realisation**
- **Annexure 15** :: **Total Raw Material Cost**
- **Annexure 16** :: **Raw Material Cost per unit**
- **Annexure 17** :: **Total Lab & ETP Chemical Cost**
- **Annexure 18** :: **Consumables, Store etc.**
- **Annexure 19** :: **Packing Material Cost**
- **Annexure 20** :: **Packing Material Cost Per Unit**

- **Annexure 21** :: **Employees Expenses**
- **Annexure 22** :: **Fuel Expenses**
- **Annexure 23** :: **Power/Electricity Expenses**
- **Annexure 24** :: **Royalty & Other Charges**
- **Annexure 25** :: **Repairs & Maintenance Expenses**
- **Annexure 26** :: **Other Manufacturing Expenses**
- **Annexure 27** :: **Administration Expenses**
- **Annexure 28** :: **Selling Expenses**

- **Annexure 29 :: Depreciation Charges – as per Books (Total)**
- **Annexure 30 :: Depreciation Charges – as per Books (P & M)**
- **Annexure 31 :: Depreciation Charges - as per IT Act WDV (Total)**
- **Annexure 32 :: Depreciation Charges - as per IT Act WDV (P & M)**
- **Annexure 33 :: Interest and Repayment - Term Loans**
- **Annexure 34 :: Tax on Profits**
- **Annexure 35 :: Projected Pay-Back Period and IRR**

Reasons for Buying our Report:

- **This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **This report provides vital information on the product like it's characteristics and segmentation**
- **This report helps you market and place the product correctly by identifying the target customer group of the product**

- **This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**

Our Approach:

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**

Scope of the Report

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Aluminium Cans for Beer and Beverage.” provides an insight into Aluminium Cans for Beer and Beverage market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Aluminium Cans for Beer and Beverage project. The report assesses the market sizing and growth of the Indian Aluminium Cans for Beer and Beverage Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Aluminium Cans for Beer and Beverage sector in India along with its business prospects. Through this report we have identified Aluminium Cans for Beer and Beverage project as a lucrative investment avenue.

Tags

#DetailedProjectReport #businessconsultant #BusinessPlan
#feasibilityReport #NPCS #industrialproject #entrepreneurindia
#startupbusiness #startupbusinessideas #businessesstart #startupideas
#AluminiumCans #Aluminium #Packaging #beveragecans
#Beveragesindustry #aluminiumbusiness #aluminiumindustry
#aluminiumproduction #BeverageCanManufacturing
#aluminiumpackaging #BeerCans

NIIR PROJECT CONSULTANCY SERVICES (NPCS)

can provide Detailed Project Report on

Aluminium Cans for Beer
and Beverage

See more

Project Reports & Profiles

BOOKS



www.entrepreneurindia.co

Visit us at

www.entrepreneurindia.co

www.niir.org



www.entrepreneurindia.co

**Take a look at
Niir Project Consultancy Services
on #Street View**

<https://goo.gl/VstWkd>

*Locate us on
Google Maps*

<https://goo.gl/maps/BKkUtq9gevT2>

OUR CLIENTS

Our inexhaustible Client list includes public-sector companies, Corporate Houses, Government undertaking, individual entrepreneurs, NRI, Foreign investors, non-profit organizations and educational institutions from all parts of the World. The list is just a glimpse of our esteemed & satisfied Clients.

Click here to take a look
<https://goo.gl/G3ICjV>



Select and Choose the Right Business Startup for You

(Instant Online Project Identification and Selection)

Finding the right startup business is one of the most popular subject today. Starting a business is no easy endeavor, but the time, effort, and challenges can be worth it if you succeed. To give yourself the best chance to be successful, take your time to carefully find the right business for you. We, at NPCS, endeavor to make business selection a simple and convenient step for any entrepreneur/startup. Our expert team, by capitalizing on its dexterity and decade's long experience in the field, has created a list of profitable ventures for entrepreneurs who wish to diversify or venture. The list so mentioned is updated regularly to give you a regular dose of new emerging opportunities.

Visit: <https://www.entrepreneurindia.co/project-identification>



Download Complete List of Project Reports:

▪ Detailed Project Reports

Visit:- <https://www.entrepreneurindia.co/complete-project-list>

NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.



And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,



Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects.....[Read more](#)



Contact us

NIIR PROJECT CONSULTANCY SERVICES

106-E, Kamla Nagar, Opp. Mall ST,
New Delhi-110007, India.

Email: npcs.ei@gmail.com , info@entrepreneurindia.co

Tel: +91-11-23843955, 23845654, 23845886

Mobile: +91-9097075054, 8800733955

Fax: +91-11-23845886

Website : www.entrepreneurindia.co , www.niir.org

Take a look at ***NIIR PROJECT CONSULTANCY SERVICES*** on #StreetView

<https://goo.gl/VstWkd>



NiIR PROJECT CONSULTANCY SERVICES

AN ISO 9001: 2015 CERTIFIED COMPANY



www.entrepreneurindia.co

Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*



We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.



We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.



What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Business Plan*
- *Technology Books and Directory*
- *Industry Trend*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*

How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*



Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Who do we Serve?

- Public-sector Companies
- Corporates
- Government Undertakings
- Individual Entrepreneurs
- NRI's
- Foreign Investors
- Non-profit Organizations, NBFC's
- Educational Institutions
- Embassies & Consulates
- Consultancies
- Industry / trade associations

Sectors We Cover

- Ayurvedic And Herbal Medicines, Herbal Cosmetics
- Alcoholic And Non Alcoholic Beverages, Drinks
- Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin
- Activated Carbon & Activated Charcoal
- Aluminium And Aluminium Extrusion Profiles & Sections,
- Bio-fertilizers And Biotechnology
- Breakfast Snacks And Cereal Food
- Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling

Sectors We Cover *Conti...*

- Bamboo And Cane Based Projects
- Building Materials And Construction Projects
- Biodegradable & Bioplastic Based Projects
- Chemicals (Organic And Inorganic)
- Confectionery, Bakery/Baking And Other Food
- Cereal Processing
- Coconut And Coconut Based Products
- Cold Storage For Fruits & Vegetables
- Coal & Coal Byproduct

Sectors We Cover *Cont...*

- Copper & Copper Based Projects
- Dairy/Milk Processing
- Disinfectants, Pesticides, Insecticides, Mosquito Repellents,
- Electrical, Electronic And Computer based Projects
- Essential Oils, Oils & Fats And Allied
- Engineering Goods
- Fibre Glass & Float Glass
- Fast Moving Consumer Goods
- Food, Bakery, Agro Processing

Sectors We Cover *Cont...*

- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
- Fertilizers & Biofertilizers
- Ginger & Ginger Based Projects
- Herbs And Medicinal Cultivation And Jatropha (Biofuel)
- Hotel & Hospitability Projects
- Hospital Based Projects
- Herbal Based Projects
- Inks, Stationery And Export Industries

Sectors We Cover

Cont...

- Infrastructure Projects
- Jute & Jute Based Products
- Leather And Leather Based Projects
- Leisure & Entertainment Based Projects
- Livestock Farming Of Birds & Animals
- Minerals And Minerals
- Maize Processing(Wet Milling) & Maize Based Projects
- Medical Plastics, Disposables Plastic Syringe, Blood Bags
- Organic Farming, Neem Products Etc.

Sectors We Cover *Cont...*

- Paints, Pigments, Varnish & Lacquer
- Paper And Paper Board, Paper Recycling Projects
- Printing Inks
- Packaging Based Projects
- Perfumes, Cosmetics And Flavours
- Power Generation Based Projects & Renewable Energy Based Projects
- Pharmaceuticals And Drugs
- Plantations, Farming And Cultivations
- Plastic Film, Plastic Waste And Plastic Compounds
- Plastic, PVC, PET, HDPE, LDPE Etc.

Sectors We Cover *Cont...*

- Potato And Potato Based Projects
- Printing And Packaging
- Real Estate, Leisure And Hospitality
- Rubber And Rubber Products
- Soaps And Detergents
- Stationary Products
- Spices And Snacks Food
- Steel & Steel Products
- Textile Auxiliary And Chemicals

Sectors We Cover *Cont...*

- Township & Residential Complex
- Textiles And Readymade Garments
- Waste Management & Recycling
- Wood & Wood Products
- Water Industry(Packaged Drinking Water & Mineral Water)
- Wire & Cable



MARKET RESEARCH REPORTS

Objective

- ⌘ To get a detailed scenario of the industry along with its structure and classification
- ⌘ To provide a comprehensive analysis of the industry by covering aspects like:
 - ⌘ Growth drivers of the industry
 - ⌘ Latest market trends
 - ⌘ Insights on regulatory framework
 - ⌘ SWOT Analysis
 - ⌘ Demand-Supply Situation
 - ⌘ Foreign Trade
 - ⌘ Porters 5 Forces Analysis

Objective

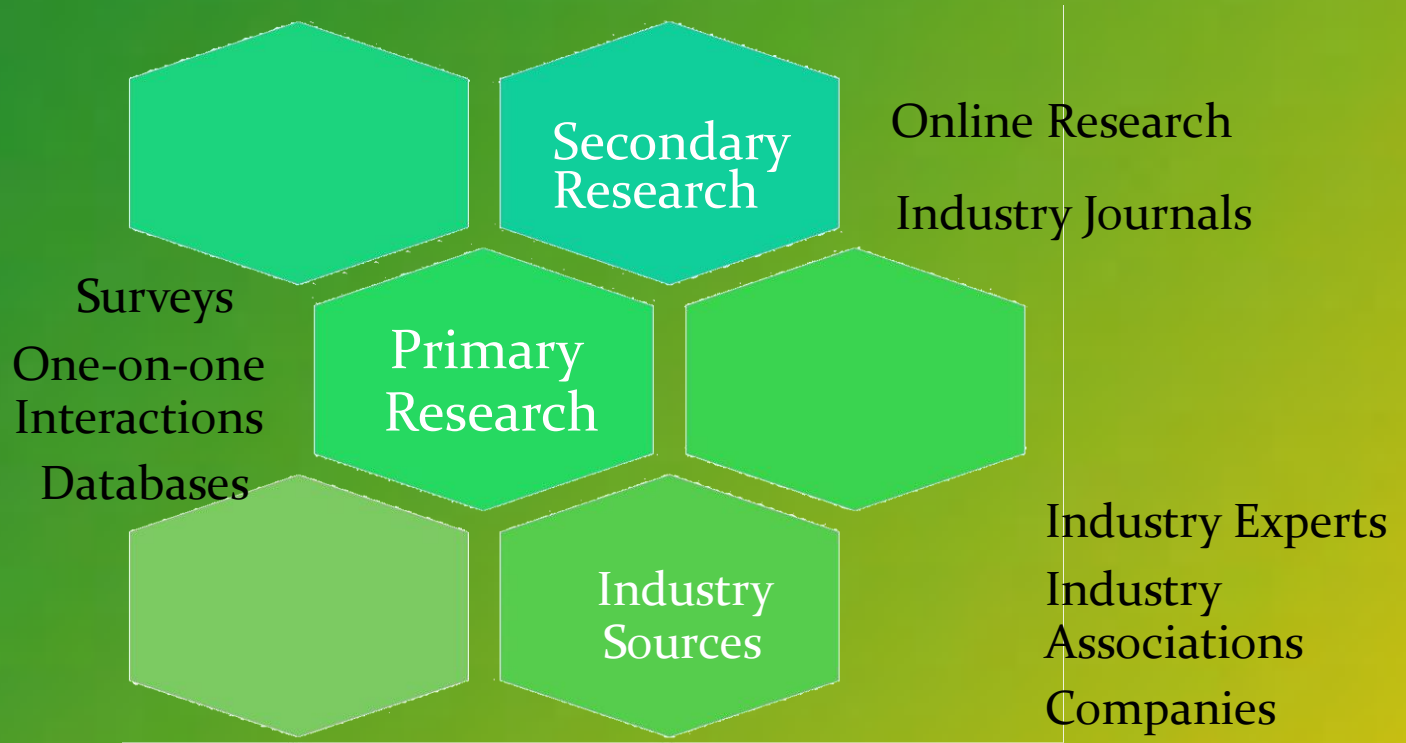
- ∞ To provide forecasts of key parameters which helps to anticipate the industry performance
- ∞ To help chart growth trajectory of a business by detailing the factors that affect the industry growth
- ∞ To help an entrepreneur/manager in keeping abreast with the changes in the industry
- ∞ To evaluate the competitive landscape of the industry by detailing:
 - ∞ Key players with their market shares
 - ∞ Financial comparison of present players

Clientele

- ∞Venturist/Capitalists
- ∞Entrepreneur/Companies
- ∞Industry Researchers
- ∞Investment Funds
- ∞Foreign Investors, NRI's
- ∞Project Consultants/Chartered Accountants
- ∞Banks
- ∞Corporates

[Click here for list](#)

Data Sources



Scope & Coverage



Our Team

- ⌘ Our research team comprises of experts from various financial fields:
- ⌘ MBA's
- ⌘ Industry Researchers
- ⌘ Financial Planners
- ⌘ Research veterans with decades of experience

Structure of the Report

- 1. Overview
- 2. Market Analysis
 - 2.1 Growth Drivers
 - 2.2 Emerging Trends in the Industry
 - 2.3 Regulatory Framework
 - 2.4 SWOT Analysis
 - 2.5 Herfindahl–Hirschman Index (HHI)
- 3. Market Forecasts
- 4. Key Players

Structure of the Report

Cont

- ⌘5. Key Financials and Analysis
 - ⌘5.1 Contact Information
 - ⌘5.2 Key Financials
 - ⌘5.3 Financial comparison
- ⌘6. Industry Size & Outlook



Take a look at *NIIR PROJECT CONSULTANCY SERVICES* on
#Street View

<https://goo.gl/VstWkd>

Contact us

NIIR PROJECT CONSULTANCY SERVICES

106-E, Kamla Nagar, Opp. Mall ST,
New Delhi-110007, India.

Email: npcs.ei@gmail.com , info@entrepreneurindia.co

Tel: +91-11-23843955, 23845654, 23845886

Mobile: +91-9097075054, 8800733955

Fax: +91-11-23845886

Website : www.entrepreneurindia.co , www.niir.org

Take a look at ***NIIR PROJECT CONSULTANCY SERVICES*** on #StreetView

<https://goo.gl/VstWkd>



Follow us

➤ <https://www.linkedin.com/company/niir-project-consultancy-services>

➤ <https://www.facebook.com/NIIR.ORG>

➤ <https://www.youtube.com/user/NIIRproject>

➤ https://twitter.com/npcs_in

➤ <https://www.pinterest.com/npcsindia/>



THANK YOU

For more information, visit us at:

www.niir.org

www.entrepreneurindia.co