Stainless Steel Tubes & Pipes

SS Pipe and Tubes, Tube mill, Pipe Mill, Extrusion and Pilgering Process

Stainless Steel is a common name for metal alloys that consist of 10.5% or more Chromium (Cr) and more than 50% Iron (Fe). Stainless steel does not readily corrode, rust or stain with water as ordinary steel does. Stainless steel pipes are used in petrochemicals, fertilizers, dairy industries, power stations, and nuclear plants. Other corrosion-resistant applications as of food processing industry are also significant users. Steel pipes are primarily of two types, seamless and welded.
Seamless pipes and tubes are used in both oil and non-oil sectors in a wide range of applications as line pipes, casing pipes, production tubings, and drill pipes. Oil sector absorbs nearly 60% of seamless pipes, while some 30% are consumed by bearings and boiler manufacturers.

Steel tubes industry is poised for a 30% growth in the wake of a growing demand in the infrastructure construction sector, mainly in scaffolding in buildings.
The sector has grown dramatically in the recent past at a record 20% growth owing to several infrastructure projects lined up by the government and the private sector. The 200 series of stainless steel developed in India has potential in every developing country including value added products like pipes and tubes and kitchen utensils. India also has good facilities for stainless steel long products like bars, wire rods and wires which have good prospects in Europe, USA and South East Asian region.
Stainless steel pipes & tubes are used in petrochemicals, fertilizers, dairy industries power stations and nuclear plants. Other corrosion resistant applications as of food processing industry are also significant users. These pipes are used extensively by Nuclear Fuel Corporation. Steel tubes industry was poised for a 30% growth in the wake of a growing demand in the infrastructure construction sector, mainly in scaffolding in buildings. The sector has grown dramatically in the recent past at a record 20% growth owing to several infrastructure projects lined up by the government and the private sector.
The steel tubes and pipes industry witnessed demand from various domestic industries like real estate, construction, telecom, power, energy, entertainment zones, metros, airports and ports, etc. Key policy-led initiatives such as the urban infrastructure programme under Public Private Partnership also proved to be a shot in the arm.

The market environment for stainless steel tube & pipe is challenging at the moment. Whilst the outlook for the automotive industry and building & construction remains mostly positive,
significant cutbacks can be expected for tube & pipe for industrial applications as a result of very low project activity, especially in the oil & gas industry.

The demand of Stainless steel pipes & tubes is majorly driven by the growing and expanding oil and gas industry, exploration and production of oil and gases and exponentially growing automobile industry in growing economies. The market is anticipated to grow at the back rising demand and unmet opportunities in the developing nations of the world.
Stainless steel production share is more than 4% of the total steel production in India as compared to less than 2.5% globally. There are over 400 grades of stainless steel for the diverse range of end use applications.

In India, the dominant demand is from the utensils and kitchenware application segment, as high as 65%, adding the industrial applications constitute about 35% of the overall demand.
Reasons for buying the 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 its 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.

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The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Stainless Steel Tubes & Pipes by Extrusion and Pilgering Process” provides an insight into the Stainless Steel Tubes & Pipes market in India with focus on applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Stainless Steel Tubes & Pipes project. The report assesses the market sizing and growth of the Indian Stainless Steel Tubes & Pipes 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 Stainless Steel Tubes & Pipes sector in India along with its business prospects. Through this report we have identified Stainless Steel Tubes & Pipes project as a lucrative investment avenue.
Few Indian Major Players are as under

C S T Valinox Ltd.
Choksi Tube Co. Ltd.
Interfit Techno Products Ltd.
Kinjal Metals Ltd.
Neeka Tubes Ltd.
Prakash Steelage Ltd.
Ratnamani Metals & Tubes Ltd.
Suraj Chemtech Ltd.
Tubetec Seamless Ltd.

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## Project at a Glance

### Cost of Project

<table>
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<tr>
<th>Particulars</th>
<th>Existing</th>
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## Project at a Glance

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<th>Probable Market Price</th>
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## Project at a Glance

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<th>Return on Net Worth</th>
<th>Profitability Ratio</th>
<th>Assets Turnover Ratio</th>
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<td>Individual Cumulative Overall</td>
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<tr>
<td></td>
<td>(Number of times)</td>
<td>(Number of times)</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
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<td>17.45%</td>
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## Project at a Glance

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<td>BEP - Maximum Utilisation Year</td>
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<td>Cash BEP (% of Installed Capacity)</td>
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<tr>
<td>Total BEP (% of Installed Capacity)</td>
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<th>IRR, PAYBACK and FACR</th>
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<td>Internal Rate of Return .. ( In %age )</td>
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<tr>
<td>Payback Period of the Project is ( In Years )</td>
<td>2.814 Years</td>
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<tr>
<td>Fixed Assets Coverage Ratio ( No. of times )</td>
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</table>
1. What is Stainless Steel Tubes & Pipes industry?

2. How has the Stainless Steel Tubes & Pipes industry performed so far and how will it perform in the coming years?

3. What is the Project Feasibility of a Stainless Steel Tubes & Pipes Plant?

4. What are the requirements of Working Capital for setting up a Stainless Steel Tubes & Pipes plant?
5. What is the structure of the Stainless Steel Tubes & Pipes Business and who are the key/major players?

6. What is the total project cost for setting up Stainless Steel Tubes & Pipes plant?

7. What are the operating costs for setting up a Stainless Steel Tubes & Pipes plant?

8. What are the machinery and equipment requirements for setting up a Stainless Steel Tubes & Pipes plant?
9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up a Stainless Steel Tubes & Pipes plant?

10. What are the requirements of raw material for setting up a Stainless Steel Tubes & Pipes plant?

11. Who are the Suppliers and Manufacturers of Raw materials for setting up a Stainless Steel Tubes & Pipes plant?

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14. What will be the income and expenditures for a Stainless Steel Tubes & Pipes plant?

15. What are the Projected Balance Sheets of a Stainless Steel Tubes & Pipes plant?

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21. What is the Break-Even Analysis of a Stainless Steel Tubes & Pipes plant?

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   15.3. Plant Capacity
   15.4. Location of Plant
   15.5. Name of Raw Material(S) Consumed With Quantity & Cost

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</tbody>
</table>
• 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
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- 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.
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2. Thorough analysis of the project
3. Economic feasibility study of the Project
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- Bio-fertilizers And Biotechnology
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- 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.
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- 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

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

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