Production of ERW Pipes

(Black)

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, Plant Layout, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis



Introduction

Electric Resistance Welded (ERW) steel pipes and tubes are used in various engineering purposes, fencing, scaffolding, line pipes etc. ERW steel pipes and tubes are available in various qualities, wall thicknesses, and diameters of the finished pipes. These pipes use the high frequency induction heating (HFI) process to manufacture pipes ranging in nominal diameter from 219 mm (8.58 inch) to 610 mm (24 inch), and in wall thickness.



These pipes are suitable for irrigation and water supply, plumbing, cold storage applications, scaffolding, antenna and telecom towers, water wells etc.

Growing oil and gas demand across the world and the zeal with which oil companies are investing on adding pipeline infrastructure promise higher revenues for Indian steel pipes makers.



A huge pent-up demand for pipes has cropped up over the last few months. For the refining industry, pipes are the most economical way to transport oil and gas.



Seamless tube makers, Jindal Saw ISMT and MSL, are planning to expand their capacities expecting rise in demand - domestic and international. Demand is coming from transportation of oil and gas from discoveries in KG Basin and Rajasthan. Thus, due to demand it is a good project for entrepreneurs to invest.



Market Outlook

The stainless steel welded tube & pipe market is one of the most important segments of the whole stainless steel market. In 2015, it accounted for 13 % of the worldwide stainless steel flat products and 10 % of the total stainless steel market.



India's crude steel production grew by 9.4 per cent year-on-year to at 8.1Million Tonnes (MT) in August 2016. During April-August 2016, crude steel production in the country grew by 7 per cent year-on-year to 39.98 MT.



Over April-August 2016, steel imports fell 34.5 per cent year-on-year to 3.01 MT, while steel exports rose 23.6 per cent year-on-year to 2.38 MT.

Steel consumption in the country is expected to grow 5.3 per cent year-on-year to 85.8 MT during FY2016-17, led by growth in the construction and capital goods sector.



Steel Pipes

| Demand : Past and | d Future |
|-------------------|------------------|
| Year | (Rs. in Billion) |
| 1990-91 | 65.25 |
| 2000-01 | 148.35 |
| 2001-02 | 160.60 |
| 2002-03 | 190.00 |
| 2003-04 | 235.75 |
| 2004-05 | 258.00 |
| 2005-06 | 284.15 |
| 2006-07 | 335.70 |
| 2007-08 | 369.00 |
| 2008-09 | 387.45 |
| 2009-10 | 415.00 |
| 2010-11 | 445.00 |
| 2011-12 | 475.25 |
| 2012-13 | 515.30 |
| 2013-14 | 386.00 |
| 2014-15 | 463.00 |
| 2015-16 | 560.00 |
| 2016-17 | 650.70 |
| 2017-18 | 800.00 |
| 2018-19 | 945.00 |
| 2019-20 | 1152.00 |
| 2024-25 | 2075.00 |



Few Indian Major Players are as under

- A N S Steel Tubes Ltd.
- Jindal Saw
- Welspun Gujrat
- Tata Steel
- ISMT
- Mahalaxmi Seamless
- BHEL
- Bhushan Steel



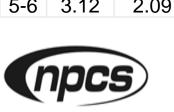
| COST O | F PROJE | СТ | MEANS OF FINANCE | | | | | | |
|-----------------------------------|----------|----------|------------------|--------------------------------|----------|--------------|---------|--|--|
| Particulars | Existing | Proposed | Total | Particulars | Existing | Propose d | Total | | |
| Land & Site | | | | | | | | | |
| Development Exp. | 0.00 | 30.00 | 30.00 | Capital | 0.00 | 782.32 | 782.32 | | |
| Buildings | 0.00 | 620.40 | 620.40 | Share Premium | 0.00 | 0.00 | 0.00 | | |
| Plant & Machineries | 0.00 | 1636.55 | | Other Type Share Capital | 0.00 | 0.00 | 0.00 | | |
| Motor Vehicles | 0.00 | 40.00 | 40.00 | Reserves & Surplus | 0.00 | 0.00 | 0.00 | | |
| Office Automation Equipments | 0.00 | 344.50 | 344.50 | Cash Subsidy | 0.00 | 0.00 | 0.00 | | |
| Technical Knowhow Fees & Exp. | 0.00 | 100.00 | | Internal Cash Accruals | 0.00 | 0.00 | 0.00 | | |
| Franchise & Other Deposits | 0.00 | 0.00 | | Long/Medium Term Borrowings | 0.00 | 2346.96 | 2346.96 | | |
| Preliminary& Pre- operative Exp | 0.00 | 10.00 | | Debentures / Bonds | 0.00 | 0.00 | 0.00 | | |
| Provision for Contingencies | 0.00 | 150.00 | | Unsecured Loans/Deposits | 0.00 | 0.00 | 0.00 | | |
| Margin Money - Working Capital | 0.00 | | | | | | | | |
| TOTAL | 0.00 | 3129.28 | 3129.28 | TOTAL | 0.00 | 3129.28 | 3129.28 | | |



| 4.7 | 1000 | The same of | OL TEN | 100 | A WOOD | 70.00 | - 10 | | | | | | |
|------|------------|-------------|---------------|-------|--------------|-------|--------------|--------|---------------------------------|--------------|----------------------------|----------------|--|
| Year | Annualised | | Book Value | Debt | Dividen d | | ined ings | Payout | Probabl e Market Price | P/E Ratio | Yield Price/ Book Value | | |
| | EPS CEPS | | EPS CEPS | | Per S | Share | Per Share | Per S | Share | | | No.of Times | |
| | ` | ` | ` | ` | ` | % | ` | % | ` | | % | | |
| | | | | | | 100.0 | | | | | | | |
| 1-2 | 4.73 | 9.60 | 14.73 | 24.00 | 0.00 | 0 | 4.73 | 0.00 | 4.73 | 1.00 | 0.00 | | |
| | | | | | | 100.0 | | | | | | | |
| 2-3 | 7.80 | 12.02 | 22.53 | 18.00 | 0.00 | 0 | 7.80 | 0.00 | 7.80 | 1.00 | 0.00 | | |
| | | | | | | 100.0 | | | | | | | |
| 3-4 | 10.88 | 14.54 | 33.41 | 12.00 | 0.00 | 0 | 10.88 | 0.00 | 10.88 | 1.00 | 0.00 | | |
| 4- | | | | | | 100.0 | | | | | | | |
| 5 | 13.93 | 17.10 | 47.33 | 6.00 | 0.00 | 0 | 13.93 | 0.00 | 13.93 | 1.00 | 0.00 | | |
| 5- | | | | | | 100.0 | | | | | | | |
| 6 | 16.92 | 19.68 | 64.25 | 0.00 | 0.00 | 0 | 16.92 | 0.00 | 16.92 | 1.00 | 0.00 | | |



| 1. 10 | N. 1. W | 0.00 | | 400.00 | F #V-000 | - 46 | | | | | | | | |
|-------------|----------------|----------------|-------------|--------|-------------------------|------|------|------------|---------|------------|-------------------------|------------|---------------------------------|------|
| Year | r D. S. C. R. | | | - | Equity as- Equity | Net | n on | | Profita | bility F | Ratio | | Assets Turnov er Ratio | |
| | Individ ual | Cumula tive | Overa II | | | | | GPM | PBT | PAT | Net Contri bution | | | |
| | (Num | nber of tir | nes) | ` | ber of es) | % | % | % | % | % | | % | | |
| Initia I | | | | 3.00 | 3.00 | | | | | | | | | |
| 1- 2 | 1.39 | 1.39 | | 1.63 | 1.63 | 2.30 | | 12.05 % | 6.87% | 5.27% | 3115. 87 | 44.39 % | 1.89 | 1.01 |
| 2-3 | 1.70 | 1.54 | | 0.80 | 0.80 | 1.30 | | 14.97 % | 11.02% | 7.45% | 3635. 11 | 44.38 % | 2.06 | 1.35 |
| 3-4 | 2.08 | 1.70 | 2.09 | 0.36 | 0.36 | 0.75 | | 17.01 % | 14.02% | 9.09% | 4154. 41 | 44.38 % | 2.08 | 1.78 |
| 4-5 | 2.55 | 1.89 | | 0.13 | 0.13 | 0.43 | | 18.48 % | 16.23% | | 4673. 71 | 44.38 % | 2.01 | 2.26 |
| 5-6 | 3.12 | 2.09 | | 0.00 | 0.00 | 0.25 | | 19.54 % | 17.88% | 11.31 % | 5193. 01 | 44.38 % | 1.88 | 3.86 |



| BEP | |
|---|--------------------------|
| BEP - Maximum Utilisation Year | 5 |
| Cash BEP (% of Installed Capacity) | 55.55% |
| Total BEP (% of Installed Capacity) | 59.72% |
| IRR, PAYBACK and FACR | |
| Internal Rate of Return (In %age) | 28.31% |
| Payback Period of the Project is (In Years) | 2 Years 3 Months |
| Fixed Assets Coverage Ratio (No. of times) | 7.687 |
| | |
| V IPCS | www.entrepreneurindia.co |

Major Queries/Questions Answered in the Report?

- 1. What is ERW Pipes (Black) Manufacturing industry?
- 2. How has the ERW Pipes (Black) Manufacturing industry performed so far and how will it perform in the coming years?
- 3. What is the Project Feasibility of ERW Pipes (Black) Manufacturing Plant?
- 4. What are the requirements of Working Capital for setting up ERW Pipes (Black) Manufacturing plant?



- 5. What is the structure of the ERW Pipes (Black)
 Manufacturing Business and who are the
 key/major players?
- 6. What is the total project cost for setting up ERW Pipes (Black) Manufacturing plant?
- 7. What are the operating costs for setting up a ERW Pipes (Black) Manufacturing plant?
- 8. What are the machinery and equipment requirements for setting up ERW Pipes (Black) Manufacturing plant?



- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up ERW Pipes (Black) Manufacturing plant?
- 10. What are the requirements of raw material for setting up ERW Pipes (Black) Manufacturing plant?
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up ERW Pipes (Black) Manufacturing plant?
- 12. What is the Manufacturing Process of ERW Pipes (Black)?



- 13. What is the total size of land required for setting up ERW Pipes (Black) Manufacturing plant?
- 14. What will be the income and expenditures for ERW Pipes (Black) Manufacturing plant?
- 15. What are the Projected Balance Sheets of ERW Pipes (Black) Manufacturing plant?
- 16. What are the requirement of utilities and overheads for setting up ERW Pipes (Black) Manufacturing plant?
- 17. What is the Built up Area Requirement and cost for setting up ERW Pipes (Black) Manufacturing Business?



- 18. What are the Personnel (Manpower) Requirements for setting up ERW Pipes (Black) Manufacturing Business?
- 19. What are Statistics of Import & Export for ERW Pipes (Black)?
- 20. What is the time required to break-even of ERW Pipes (Black) Manufacturing plant?
- 21. What is the Break-Even Analysis of ERW Pipes (Black) Manufacturing plant?
- 22. What are the Project financials of ERW Pipes (Black) Manufacturing plant?



- 23. What are the Profitability Ratios of ERW Pipes (Black) Manufacturing plant?
- 24. What is the Sensitivity Analysis-Price/Volume of ERW Pipes (Black) Manufacturing plant?
- 25. What are the Projected Pay-Back Period and IRR of ERW Pipes (Black) Manufacturing plant?
- 26. What is the Process Flow Sheet Diagram of ERW Pipes (Black) Manufacturing project?



27. What are the Market Opportunities for setting up ERW Pipes (Black) Manufacturing plant?

- 28. What is the Market Study and Assessment for setting up ERW Pipes (Black) Manufacturing plant?
- 29. What is the Plant Layout for setting up ERW Pipes (Black) Manufacturing Business?







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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 ERW Pipes (Black)" provides an insight into the ERW Pipes (Black) market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of ERW Pipes (Black) project. The report assesses the market sizing and growth of the Indian ERW Pipes (Black) 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 ERW Pipes (Black). sector in India along with its business prospects. Through this report we have identified ERW Pipes (Black) project as a lucrative investment avenue.



Tags

Steel Pipe Industry in India, Indian Pipe Industry, ERW Pipe Manufacturing Project Report, Steel Pipes Industry in India, Stainless Steel Pipe Manufacturing Project Report, ERW Pipe Manufacturing, Electric Resistance Welding Pipes Manufacturing Process, Pipe Manufacturing Process, How Pipe is Manufactured, Production Process of ERW Pipes (Black), Production of ERW Pipes (Black), Manufacturing Process ERW Pipes (Black), Manufacturing Process and Products of ERW Pipes, Steel Welded Steel Pipe Manufacturing Process, ERW Steel Pipes Manufacturing Plant, Methods for Manufacturing of ERW Pipes, ERW Pipe Manufacturing Process, Manufacture of ERW Pipes, ERW Pipe Production, ERW Pipes Production Process, Process for Producing ERW Pipes, Method for Production of ERW Pipe, Preparation for Manufacturing ERW Pipe, Electric Resistance Welding Pipes Production Line, Commercial Production of ERW Pipe, ERW Pipes Manufacture, Methods of Manufacturing Steel Pipe, ERW Pipe Manufacturing Plant, Pipe Manufacturing, ERW Pipe and Profile Production Lines, Project Report on ERW Steel Pipes Manufacturing, Pipe Manufacturing Project Report, ERW Pipe Production Plant, How to Start ERW Pipe Manufacturing Business, Business Plan for Manufacturing Electric Resistance Welding Pipes, ERW Pipe Plant and Project, Building Materials and Construction, Process of ERW Pipe Manufacture, Equipment and Material for Manufacturing ERW Pipe, Investment Opportunities in Manufacturing Electric Resistance Welding Pipes, Pipe Manufacturing Process for Welded Pipe (ERW), Manufacturing Plant for ERW Pipes, ERW Pipes (Black) Manufacturing Project Ideas, Projects on Small Scale Industries, Small Scale Industries Projects Ideas,



Tags

ERW Pipes Production Based Small Scale Industries Projects, Project Profile on Small Scale Industries, How to Start Electric Resistance Welding Pipes Production Industry in India, ERW Pipes Manufacturing Projects, New Project Profile on ERW Pipes Production Industries, Project Report on ERW Pipes Production Industry, Detailed Project Report on ERW Pipes Production, Project Report on ERW Pipes (Black) Production, Pre-Investment Feasibility Study on ERW Pipes Production, Techno-Economic Feasibility Study on ERW Pipes (Black) Manufacturing, Feasibility Report on ERW Pipes Production, Free Project Profile on ERW Pipes (Black) Production, Project Profile on Electric Resistance Welding Pipes Manufacturing, Download Free Project Profile on ERW Pipes Production, Industrial Project Report, Project Consultant, Project Consultancy, Npcs, Niir, Process Technology Books, Business Consultancy, Business Consultant, Project Identification and Selection, Preparation of Project Profiles, Startup, Business Guidance, Business Guidance to Clients, Startup Project for Electric Resistance Welding Pipes (Black) Manufacturing, Startup Project, Startup Ideas, Project for Startups, Startup Project Plan, Business Start-Up, Business Plan for Startup Business, Great Opportunity for Startup, Small Start-Up Business Project, Project Report for Bank Loan, Project Report for Bank Finance, Project Report Format for Bank Loan in Excel, Excel Format of Project Report and CMA Data, Project Report Bank Loan Excel, Detailed Project Plan Reports



Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on

Production of ERW Pipes (Black)

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



Sectors We Cover

- O Ayurvedic And Herbal Medicines, Herbal Cosmetics
- O 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
- O Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling



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



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



- 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
- O Inks, Stationery And Export Industries



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



- O Paints, Pigments, Varnish & Lacquer
- Paper And Paper Board, Paper Recycling Projects
- Printing Inks
- Packaging Based Projects
- Perfumes, Cosmetics And Flavours
- O Power Generation Based Projects & Renewable Energy Based

Projects

- Pharmaceuticals And Drugs
- Plantations, Farming And Cultivations
- O Plastic Film, Plastic Waste And Plastic Compounds
- O Plastic, PVC, PET, HDPE, LDPE Etc.



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



- 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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