Production of Automobile Hoses

(AC Hose, Fuel Hose, Hydraulic

Hose, Petrol Pump Hose) and





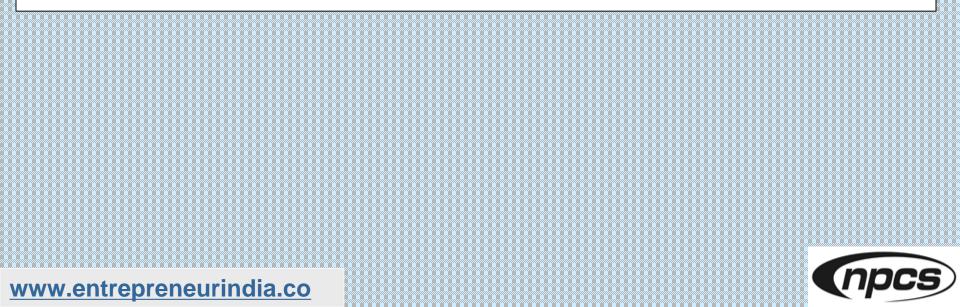
Introduction

Air Conditioning Hoses designed for automotive are made of different types of high quality rubber and have a BARRIER construction (thin layer of polyamide in internal layer that minimise Freon permeation). Hoses according to SAE J2064 standards. Typical for automotive are DN 8, 10, 13 and 16 mm with textile reinforcement in standard (thick wall) or LW (thinned wall) version. Hoses in DN 22, 28 or 35 mm with steel braid are used in bigger systems (e.g. in buses and coaches). Working pressure to 35 bar, working temperature from -40°C to +135°C. For industrial refrigeration systems special types of thermoplastic hoses (with polyamide internal layer) are used.



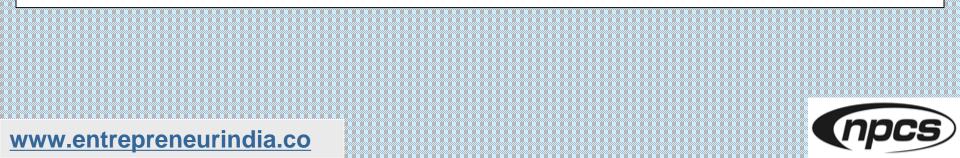
A hose is a flexible hollow tube designed to carry fluids from one location to another. Hoses are also sometimes called pipes (the word pipe usually refers to a rigid tube, whereas a hose is usually a flexible one), or more generally tubing. The shape of a hose is usually cylindrical (having a circular cross section).

Hose design is based on a combination of application and performance. Common factors are size, pressure rating, weight, length, straight hose or coilhose, and chemical compatibility.



Automotive Fuel Hoses typically have a premium inner layer to provide permeation resistance, and a thicker cover layer to provide a cost-effective hose that can meet high temperature requirements. Some fuel hoses have to withstand relatively high temperatures because they route through the engine compartments.

Hydraulic Hose is specifically designed to convey hydraulic fluid to or among hydraulic components, valves, actuators, and tools. It is typically flexible, often reinforced and usually constructed with several layers of reinforcement since hydraulic systems frequently operate at high or very high pressures.



Hydraulic hose is used in a wide variety of industrial hydraulic systems. Dimensions, performance specifications, materials, and features are all important parameters to consider when searching for hydraulic hose.

Tyre (or tire) is a circular and ring like part of a vehicle which comes in contact with ground. Tyres are fitted on rims and are filled with compressed air. Since their invention, natural rubber is the most widely used material in manufacturing of tyres. However, modern tyres also employ materials like synthetic rubber, fabric, steel wires, carbon black and some more compounds. Tyres find place in wide range of locomotives, from bicycles to aeroplanes.



Applications of Hoses

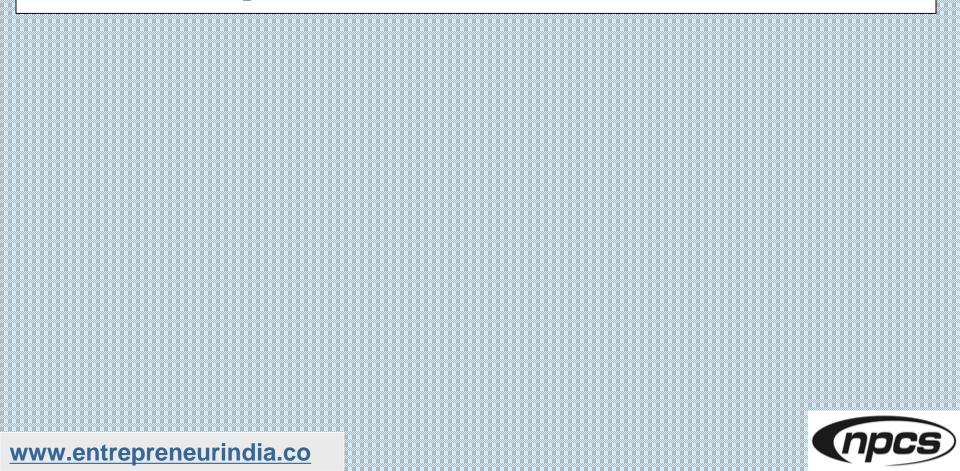
Hoses can be used in water or other liquid environments or to convey air or other gases. Hoses are used to carry fluids through air or fluid environments, and they are typically used with clamps, spigots, flanges, and nozzles to control fluid flow.

Specific applications include the following:

- A garden hose is used to water plants in a garden or lawn, or to convey water to a sprinkler for the same purpose.
- A Tough Hose is used to water crops in agriculture for drip irrigation



- A fire hose is used by firefighters to convey water to the site of a fire.
- Air hoses are used in underwater diving to carry air from a surface compressor or from air tanks.



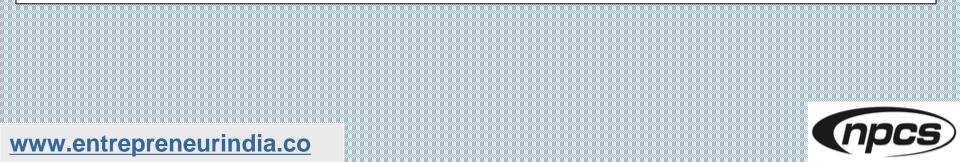
<u>Market Outlook</u>

The global automotive rubber hoses market is expected to grow at a CAGR of 4.2% to \$11.36 billion in revenue by 2020 on growing sales in emerging markets, a revival in developed market and regulatory pressure towards higher fuel economy. The global automotive rubber hoses market accounted for \$9.25 billion in 2015. Emerging markets such as China, India, Mexico, Thailand and Indonesia have become the key market for automotive industry over the past five years.



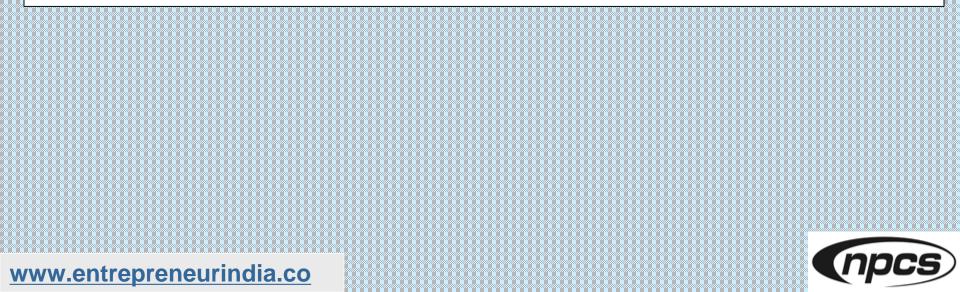


The global hoses market is expected to grow at a substantial growth rate in the near future owing to the increased demand hoses particularly from agricultural and industrial for applications. In hoses are extensively used in gardens for watering gardens or lawns or convey water to sprinklers. Hoses are also used for firefighting applications for water delivery. In automotive applications hoses are used in lubrication, cooling and hydraulic applications. Also hoses are used to carry fuel. Hydraulic circuits are an important part of heavy machinery where most of the force applied is with the help of hydraulic pressure. Hoses can be made of plastic or rubbers.



The demand for rubber hoses are anticipated to increase due to increase in industrial activity and the demand for plastic hoses are expected to grow on account of growing construction activities across the globe.

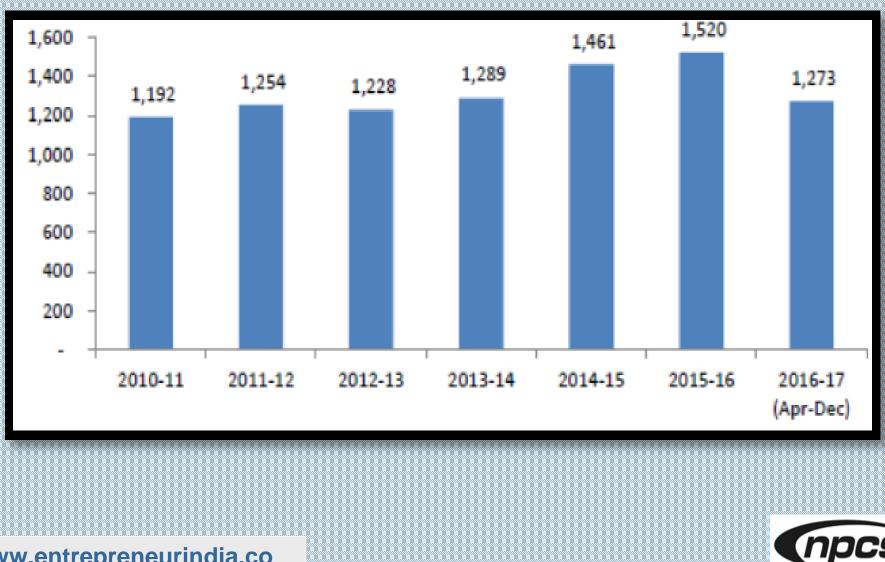
The demand for hydraulic rubber hoses has been so far dominated by the construction industry. By the end of 2022, the construction industry is expected to provide 26% of the overall demand for hydraulic rubber hoses.



The demand for hydraulic rubber hoses is increasing considerably in the industries of construction, agriculture, and automotive. These industries are quickly realizing the advantages that the flexibility of hydraulic rubber hose can provide over conventional pipes made of metal or plastics. Additional advantages such as lower weight in low and mediumpressure applications, better sound absorption, and rust resistance put hydraulic rubber hose ahead of all other pipes for most users. The advantages of hydraulic rubber hoses also put it in favor of industries that are facing the crunch of staggering production demands.

Automotive rubber hose for 2015 and to project its expected demand till 2020.

Production of Tyre (Lakh units)



Tyre demand is directly proportional to the automobiles demand. Therefore, demand swings in the automobiles have an impact on the demand for tyres. India's annual automobiles production registered a sluggish growth of 2.6% y-o-y in 2015-16.

Indian Tyre Industry has grown rapidly in last decades. Today it is about Rs. 9000 crore industry. The fortune of the tyre industry depends on the agricultural and industrial performance of the economy, the transportation needs and the production of vehicles.

The size of Indian tyre industry is estimated at about Rs.14250 crore comprising 43 players with an aggregate installed capacity of over 655 lacks tyre. The 10 large tyre companies account for over 95% of the total production. The Indian tyre industry has witnessed a CAGR of 7.7 per cent over the last decade. The demand and growth for the tyre industry depends on primary factors like overall GDP growth, agricultural as well as industrial production and growth in vehicle-demand. It also depends on the on secondary factors like infrastructure development and prevailing interest rates.





The export market for India has been predominantly to the USA that accounts for nearly 30% of exports from the country. Apart from that India exporting tyre in more than 50 countries. The Indian tyre industry revenues grew at a moderate 3.4% YoY during Q3FY2017.

The global tyre market reached figures worth more than 2.9 Billion units in 2016, growing at a CAGR of around 4.5% during the last seven years. This market can be broken into two sectors - the OEM and the replacement market. The demand from the OEM tyre market is dependent upon the sales of new vehicles and is thus prone to a high degree of cyclicality. Demand in the replacement tyre market depends upon the usage patterns and the replacement cycles of existing tyres.



Machinery Photographs



RUBBER KNEADER



RUBBER CUTTER



OPEN MIXING MILL



RUBBER EXTRUDER (EXTRUDER DIE)

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TYRE TREAD COOLING EQUIPMENT







HORIZONTAL CUTTING MACHINE

CYCLE TYRE BUILDING MACHINE



TYRE CURING PRESS









AIR COMPRESSION

WATER PUMP





POST CURE INFLATOR MACHINE TYRE WRAPPING MACHINE PLY ADHESION TEST MACHINE









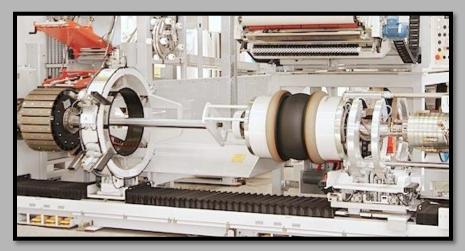
DEMATTIA FLEX CRACKING TEST MACHINE

OZONE CRACK TEST MACHINE

WALASPLASTOMETER TEST MACHINE



INDOOR TYRE TESTING MACHINE (DRUM TEST)



SEGMENTAL TYRE BUILDING EXPANDABLE DRUM







MOLD CLEANING MACHINE



AIR MOLDING MOLD

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VULCANIZING PRESS



Few Indian Major Players are as under

Echlin India Ltd.

Lakshmi Auto Components Ltd.

Minda TG Rubber Pvt. Ltd.

Poly Hose India (Rubber) Pvt. Ltd.

Ace Tyres Ltd.

Apollo Tyres Ltd.

Balkrishna Industries Ltd.

Bridgestone India Pvt. Ltd.

Ceat Ltd.



PROJECT AT A GLANCE

(`in lacs)

COST O	F PROJE	СТ	MEANS	MEANS OF FINANCE					
						Propose			
Particulars	Existing	Proposed	Total	Particulars	Existing	d	Total		
Land & Site Development									
Exp.	0.00	530.00	530.00	Capital	0.00	748.61	748.61		
Buildings	0.00	846.00	846.00	Share Premium	0.00	0.00	0.00		
				Other Type Share					
Plant & Machineries	0.00	1019.50	1019.50	Capital	0.00	0.00	0.00		
Motor Vehicles	0.00	25.00	25.00	Reserves & Surplus	0.00	0.00	0.00		
Office Automation									
Equipments	0.00	246.00	246.00	Cash Subsidy	0.00	0.00	0.00		
Technical Knowhow Fees									
& Exp.	0.00	60.00	60.00	Internal Cash Accruals	0.00	0.00	0.00		
Franchise & Other				Long/Medium Term					
Deposits	0.00	0.00	0.00	Borrowings	0.00	2245.83	2245.83		
Preliminary& Pre-operative									
Exp	0.00	10.00	10.00	Debentures / Bonds	0.00	0.00	0.00		
Provision for				Unsecured					
Contingencies	0.00	102.00	102.00	Loans/Deposits	0.00	0.00	0.00		
Margin Money - Working									
Capital	0.00	155.95	155.95	2 •					
TOTAL	0.00	2994.45	2994.45	TOTAL	0.00	2994.45	2994.45		
	/								



Year	Annu	alised	Book Value	Debt	Divide nd	Retained Earnings		Payou t	Probab le Market Price		Yield Price/ Book Value
	EPS	CEPS	Per Share		Per Share	Per Share				No.of Times	
	```	``	```	``	``	%	\`	%	``		%
1- 2	5.55	9.35	15 55	24.00	0.00	100.0 0	5.55	0.00	5.55	1.00	0.00
2	5.55	9.55	10.00	24.00	0.00	100.0	5.55	0.00	5.55	1.00	0.00
2-3	8.39	11.70	23.94	18.00	0.00	0	8.39	0.00	8.39	1.00	0.00
						100.0					
3-4	11.19	14.08	35.13	12.00	0.00	0	11.19	0.00	11.19	1.00	0.00
4-5	13.91	16.44	49.04	6.00	0.00	100.0 0	13.91	0.00	13.91	1.00	0.00
						100.0					
5-6	16.53	18.75	65.57	0.00	0.00	0	16.53	0.00	16.53	1.00	0.00
		、									
<b>(</b> n	pcs	)						ww	w.entre	preneu	<u>irindia.co</u>

Year		D. S. C. R	•	-	Equity as- Equity	Net Wort	n on		Profitability Ratio				Assets Turnov er Ratio	Curre nt Ratio
		Cumulati ve	Overa II					GPM	PBT	PAT	Net Contri bution			
	(Number of times)		(Number of times)		%	%	%	%	%		%		2 2 2 2 2	
Initia I	,		,	3.00	3.00									2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1- 2	1.36	1.36		1.54	1.54	2.09		18.42 %	10.46%	7.31%	2510. 45	44.16 %	1.61	0.96
2-3	1.66	1.50		0.75	0.75	1.16		20.79 %	14.40%	9.47%	2880. 68	43.43 %	1.74	1.33
3-4	2.02	1.66	2.02	0.34	0.34	0.66		22.40 %	17.20%	11.05 %	3291. 06	43.42 %	1.76	1.77
4-5	2.46	1.84		0.12	0.12	0.37		23.50 %	19.20%	12.21 %	3701. 44	43.41 %	1.70	2.29
5-6	2.98	2.02		0.00	0.00	0.21		24.23 %	20.65%		4111. 82	43.40 %	1.60	4.09



BEP	**************************
BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	48.19%
Total BEP (% of Installed Capacity)	52.22%
IRR, PAYBACK and FACR	
Internal Rate of Return (In %age)	26.84%
Payback Period of the Project is (In Years)	2 Years 3 Months
Fixed Assets Coverage Ratio (No. of times)	5.307
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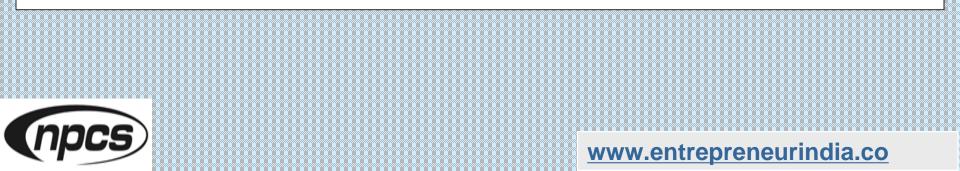
## **Major Queries/Questions Answered in the Report?**

- 1. What is Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production industry ?
- 2. How has the Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production industry performed so far and how will it perform in the coming years ?
- 3. What is the Project Feasibility of Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production Plant ?
- 4. What are the requirements of Working Capital for setting up Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant ?



5. What is the structure of the Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production Business and who are the key/major players ?

- 6. What is the total project cost for setting up Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant ?
- 7. What are the operating costs for setting up Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant ?
- 8. What are the machinery and equipment requirements for setting up Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant ?



9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant?

- 10. What are the requirements of raw material for setting up Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant ?
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant?
- 12. What is the Manufacturing Process of Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres?



13. What is the total size of land required for setting up Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant ?

- 14. What will be the income and expenditures for Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant ?
- 15. What are the Projected Balance Sheets of Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant ?
- 16. What are the requirement of utilities and overheads for setting up Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant?
- 17. What is the Built up Area Requirement and cost for setting up Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production Business?



- 18. What are the Personnel (Manpower) Requirements for setting up Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production Business?
- 19. What are Statistics of Import & Export for Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres ?
- 20. What is the time required to break-even of Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production Plant?
- 21. What is the Break-Even Analysis of Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant?
- 22. What are the Project financials of Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant?



23. What are the Profitability Ratios of Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant?

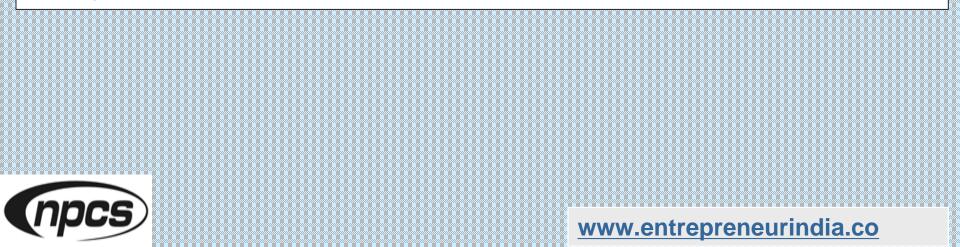
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- 25. What are the Projected Pay-Back Period and IRR of Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant?
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27. What are the Market Opportunities for setting up Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres Production plant?

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	Equity Capital Preference Share Capital
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- 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

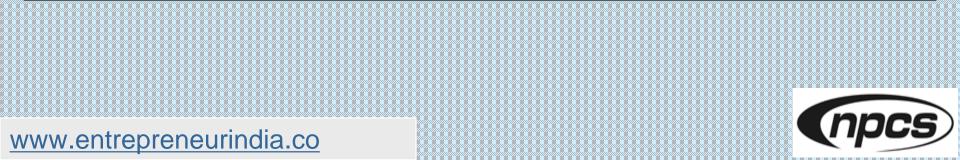
### • Annexure 7 :: Break-Even Analysis

- 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	::	<b>Total Raw Material Cost</b>
	• Annexure 16	::	Raw Material Cost per unit
	• Annexure 17	::	<b>Total Lab &amp; ETP Chemical Cost</b>
	• Annexure 18	::	Consumables, Store etc.
	• Annexure 19	::	Packing Material Cost
	• Annexure 20	::	Packing Material Cost Per Unit
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• Annexure 21	::	Employees Expenses	
• Annexure 22	::	Fuel Expenses	
• Annexure 23	::	<b>Power/Electricity Expenses</b>	
• Annexure 24		<b>Royalty &amp; Other Charges</b>	
• Annexure 25	::	<b>Repairs &amp; Maintenance</b>	
Expenses			
• Annexure 26	::	<b>Other Manufacturing Expenses</b>	
• Annexure 27	::	<b>Administration Expenses</b>	
• 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



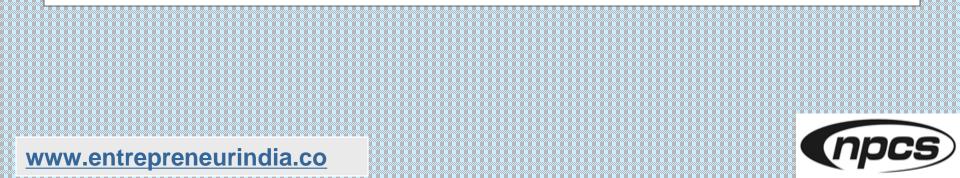
• This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials

• 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





# **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**

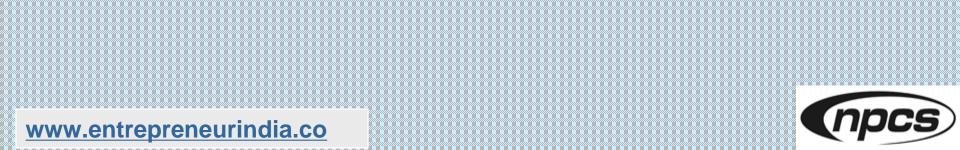
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The report titled "Market Survey cum Detailed Techno Economic Feasibility Report on Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Production of Tyres" provides an insight into the Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres project. The report assesses the market sizing and growth of the Indian Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres 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 Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres sector in India along with its business prospects. Through this report we have identified Automobile Hoses (AC Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres project as a lucrative investment avenue.

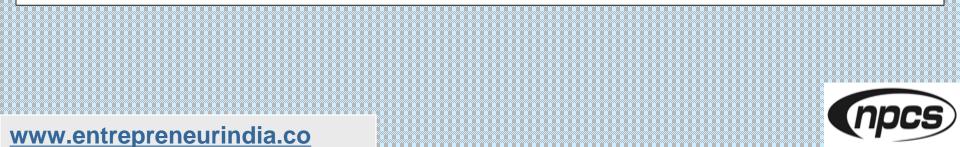


### Tags

AC Hose Production, Petrol Dispensing Hose, Air Conditioning Hose, Automotive A/C Hose Manufacturing, Hose Production, Production of Hydraulic Hoses, Rubber Hose Manufacturing Process, Hose Manufacturing, Automobile Hose Manufacture, How to Make Hydraulic Hose, Production of Fuel Hose, Automotive Fuel Hose Production, Hose Manufacturing Plant, Hydraulic Hoses Production, Production of Hydraulic Hose, Hydraulic Hose Manufacturing Process, Hose Manufacturing Plant, Hydraulic Hose Assembly, Hydraulic Hose Manufacture, Petroleum Hose Manufacture, Petrol Pump Hoses, Tire Manufacturing, Tyre Manufacturing Process, How Tyres are Made, Manufacturing of Tyres, Tyre Industry in India, Tire Production, Tyre Manufacturing Company in India, Tire Remanufacturing Plant, Manufacture of Tyres, Tyre Manufacturing Unit, Indian Tyre Manufacturing Industry, How to Start Tire Manufacturing Business, Tyre Manufacturing Plant, How to Start AC Hose Manufacturing Business, Air Conditioner Hose Manufacture, Hose Production Plant, AC Hose Production project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Tyre Manufacturing Based Small Scale Industries Projects, Project profile on small scale industries, How to Start AC Hose Production Industry in India,



AC Hose Production Projects, New project profile on Hydraulic Hose Manufacturing industries, Project Report on Automotive Fuel Hose Production Industry, Detailed Project Report on Tyre Manufacturing, Project Report on Petrol Pump Hoses Production, Pre-Investment Feasibility Study on Hydraulic Hose Manufacturing, Techno-Economic feasibility study on Automotive Fuel Hose Production, Feasibility report on Petrol Pump Hoses Production, Free Project Profile on Tyre Manufacturing, Project profile on Hydraulic Hose Manufacturing, Download free project profile on Automotive Fuel Hose 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 AC Hose Production, Startup Project, Startup ideas, Project for startups, Startup project plan, Business start-up, Business Plan for a 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 Report



Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on **Production of Automobile Hoses (AC** Hose, Fuel Hose, Hydraulic Hose, Petrol Pump Hose) and Tyres.

## See more

https://goo.gl/iqEGdq https://goo.gl/QCjnu6 https://goo.gl/LBjJ3g





## Take a look at Niir Project Consultancy Services on #Street View https://goo.gl/VstWkd

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## **OUR CLIENTS**

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

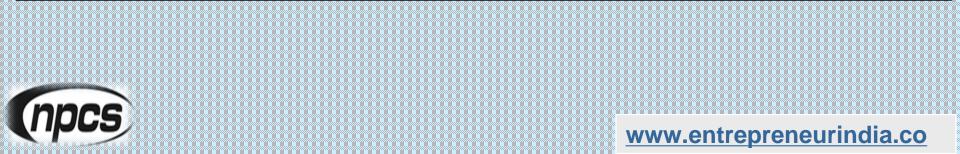
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### **Free Instant Online Project**

## **Identification and Selection Service**

Our Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return% (ROR) and Break Even Point % (BEP). You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites......<u>Read more</u>



## **Download Complete List of Project**

## **Reports:**

### Detailed Project Reports

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......<u>Read more</u>

## Contact us

## **NIIR PROJECT CONSULTANCY SERVICES**

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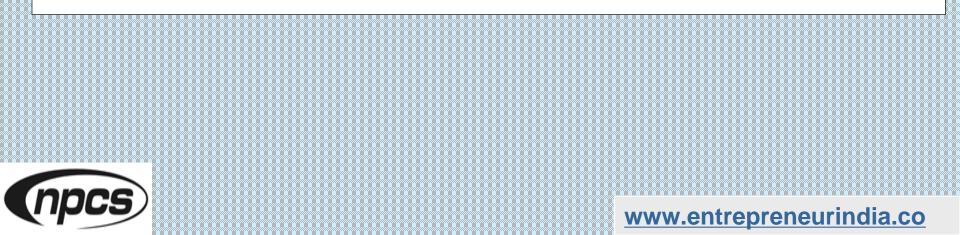




## Who are we?

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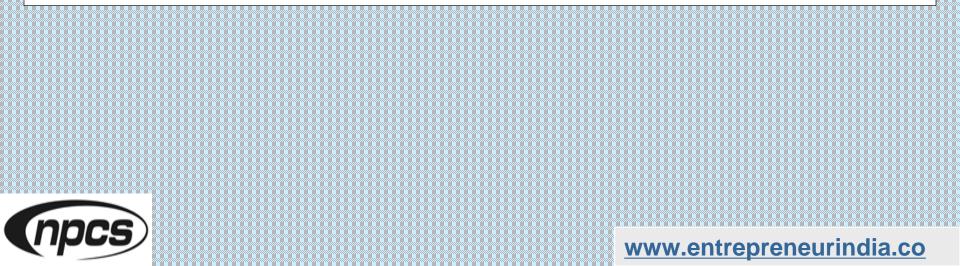
- One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services
  - We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad



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
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- Laboratory Testing Services
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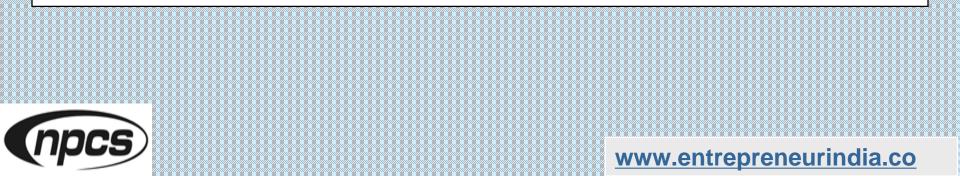
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## How are we different ?

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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
- 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**



Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

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### **Report Compilation**



# **Contact us**

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