## Manufacturing of



# Highway Guard Crash Barrier



(Roll Forming with Metal Beam and Galvanizing Plant)

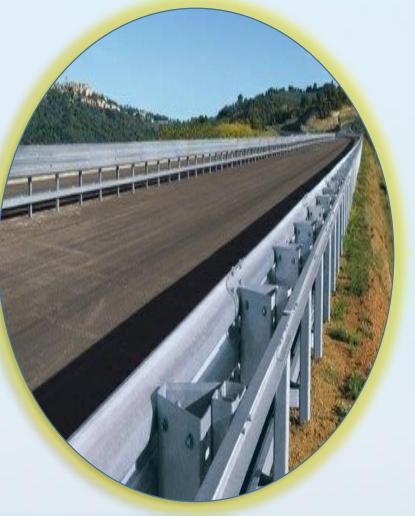
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## **INTRODUCTION**

A Guardrail (also known as a guide rail, crash barrier, safety barrier or roadside barrier) is a passive vehicle-control device to protect motorists and pedestrians from accidents at road works and other hazards. Guardrails are placed along roadsides adjacent to potentially hazardous areas...





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The Basic function of guard rails is to prevent road users, particularly motorised ones, from inadvertently leaving the roadway. They may also be placed in medians between traffic lanes or in conjunction with medians to divide opposing directions of travel on two-way roads.

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They can also be used to channelize traffic into driving in a particular direction within a single lane over an area that would otherwise have multiple moving lanes without such restriction; these types of barriers are used for example on some freeway ramps. Since guard rails are intended to redirect a driver who leaves the roadway back onto a highway...





they must be strong enough to withstand impacts from large vehicles under normal driving conditions. The most common type of guard rail is usually made of steel tubing painted white (usually either called reflective) or galvanized. Many countries require guard rails to meet certain minimum strength standards, which vary considerably depending on the application.







The Use of Crash Barriers as a highway device has made safety them indispensable. Road traffic has been growing at a tremendous rate, particularly in developed countries where government policies have encouraged construction of new roads and highways. The major advantages of installing crash barriers on highways are as follows It...





or object. It acts as a protective barrier against vehicles running off ramps or bridges onto busy roadways below. It restricts access to controlled areas that may be contaminated or hazardous so that they can be cleaned without public exposure while work is being done. In urban areas,





these barricades also prevent dangerous vehicles from striking pedestrians, shoppers or bystanders during unexpected breakdowns.

Related Project: <u>Highway Safety Guardrail (Roll Forming</u> <u>with Metal Beam and Galvanizing Plant</u>)



#### **Benefits of Starting Highway Guard Crash Barrier**



Establishing a traffic barrier By manufacturing business you will be in a sustainable lucrative and business opportunity. Traffic barriers are important as they prevent injury to car owners, pedestrians, bicyclists and other road users dangerous accidents. These have from proven efficient in reducing costly damage that can be caused by crashes in your area.



The Profits Generated from these facilities will make your business lucrative for years to come. If you take advantage of security guard products today, there's no doubt that your highway guard crash barrier manufacturing business will begin flourishing tomorrow. More customers on highways means more profit for new businesses. Get started today!





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#### **Chemical Tank**



#### <u>Melting Furnace</u>





# Market Outlook

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Crash Barrier Manufacturing Business has been growing steadily in the past years, and the growth shows no sign of slowing down as more countries and states make safety on highways their top priority. To put it simply, Crash Barriers are steel or aluminum guardrails installed along highways to protect vehicles from ending up in ditches or against walls that they would crash into when driving at high speeds on highways or interstates, which result in high fatality rates.



With the increase in demand, many new manufacturers decided to enter the market and start manufacturing these crash barriers which can be highly profitable businesses if done right and managed well. During the forecast period, Asia Pacific will have the greatest CAGR. Some of the important elements that are promoting the expansion of Asia Pacific crash barrier systems are the rapidly growing population and the growing demand for safety solutions.

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Furthermore, strict authoritative actions regarding the casual approach to road safety standards are expected to provide lucrative prospects for major businesses to build and install technologically superior crash barriers across a wide range of applications.

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www.niir.org COST O	F PROJE	СТ	MEANS	npcs			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	
Land & Site							
Development Exp.	0.00	300.00	300.00	Capital	0.00	743.37	743.37
Buildings	0.00	670.00	670.00	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	904.78		Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	18.00	18.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	181.50	181.50	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	50.00		Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other				Long/Medium Term			
Deposits	0.00	0.00	0.00	Borrowings	0.00	2230.11	2230.11
Preliminary& Pre- operative Exp	0.00	10.00	10.00	Debentures / Bonds	0.00	0.00	0.00
Provision for				Unsecured			
Contingencies	0.00	85.48	85.48	Loans/Deposits	0.00	0.00	0.00
Margin Money -							
Working Capital	0.00	753.71	753.71				
TOTAL	0.00	2973.48	2973.48	TOTAL www.entrepreneurindia.co	0.00	2973.48	2973.48

Year	Annu	Annualised		Debt	Dividend	Retained Earnings		Payout	Payout Probable Market Price		Yield Price/ Book Value	
	EPS	CEPS			Per Share	Per Share				No.of Times		
			•			%	•	%			%	
1-2	7.04	10.26	17.04	24.00	0.00	100.00	7.04	0.00	7.04	1.00	0.00	
2-3	9.54	12.35	26.58	18.00	0.00	100.00	9.54	0.00	9.54	1.00	0.00	
3-4	12.11	14.56	38.69	12.00	0.00	100.00	12.11	0.00	12.11	1.00	0.00	
4-5	14.64	16.77	53.33	6.00	0.00	100.00	14.64	0.00	14.64	1.00	0.00	
5-6	17.10	18.97	70.42	0.00	0.00	100.00	17.10	0.00	17.10	1.00	0.00	
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Year	r D. S. C. R.			Debt / - Deposits Debt	Equity as- Equity	Net	Return on Net Worth		Profit	Assets Turnover Ratio	Current Ratio			
	Individual	Cumulativ	e Overall					GPM	PBT	PAT	Net Contrib ution	P/V Ratio		
	(Number of times)		(Number	of times)	%	%	%	%	%		%			
	·		·		·									
Initial				3.00	3.00									
1-2	1.49	1.49		1.41	1.41	3.91		5.56%	3.43%	2.32%	2304.36	1 <b>0.24</b> %	3.64	1.17
2-3	1.78	1.63		0.68	0.68	2.51		6.01%	4.14%	2.70%	2608.87	<b>9.94</b> %	3.80	1.27
3-4	2.13	1.78	2.13	0.31	0.31	1.75		6.32%	4.68%	3.00%	2979.67	9.93%	3.81	1.38
4-5	2.54	1.95		0.11	0.11	1.29		6.52%	5.07%	3.22%	3350.47	9.93%	3.73	1.50
5-6	3.03	2.13		0.00	0.00	0.99		6.66%	5.36%	<b>3.39</b> %	3721.27	<b>9.92</b> %	3.61	1.76



- 1. What is Highway Guard Crash Barrier, Traffic barriers Manufacturing industry ?
- 2. How has the Highway Guard Crash Barrier, Traffic barriers Manufacturing industry performed so far and how will it perform in the coming years ?
- 3. What is the Project Feasibility of Highway Guard Crash Barrier, Traffic barriers Manufacturing Plant ?
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#RollForming #Metal #Metalbeam #HighwayGuardCrashBarrier #ManufacturingofHighwayGuardCrashBarrier #ProductionofHighwaySafetyGuardrail #DetailedProjectReport #BusinessIdeas #StartupBusinessIdea #EntrepreneurIndia #NPCSProjects #BusinessConsultant #ProjectReport #Startup #BusinessOpportunity #BusinessPlan



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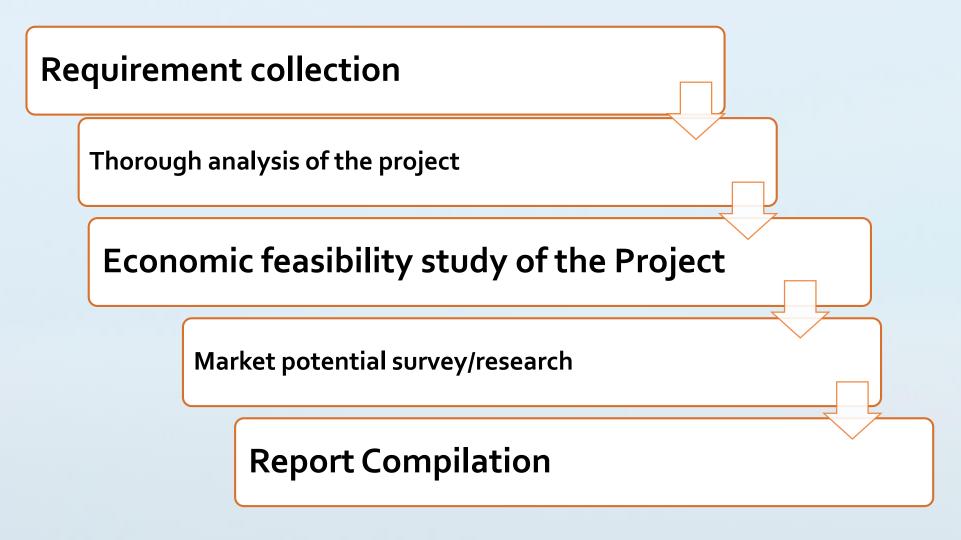


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- o Soaps And Detergents
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- Spices And Snacks Food
- Steel & Steel Products
- o Textile Auxiliary And Chemicals
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  - Growth drivers of the industry
  - Latest market trends
  - Insights on regulatory framework
  - SWOT Analysis
  - Demand-Supply Situation
  - Foreign Trade
  - Porters 5 Forces Analysis
- 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



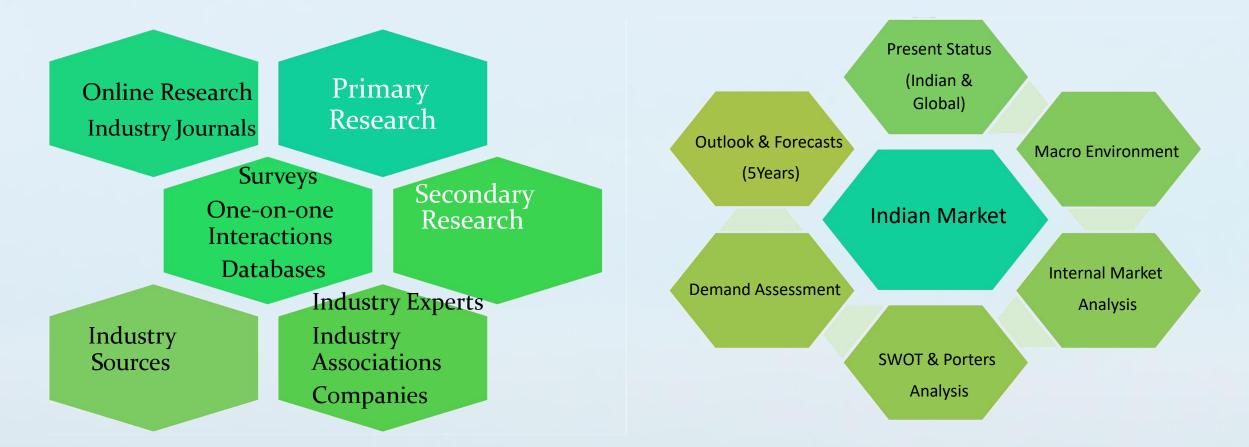


- Venturist/Capitalists
- Entrepreneur/Companies
- Industry Researchers
- Investment Funds
- Foreign Investors, NRI's
- Project Consultants/Chartered Accountants
- Banks
- Corporates

#### **Click here for list**











Our research team comprises of experts from various financial fields:
MBA's
Industry Researchers
Financial Planners

 $\otimes Research$  veterans with decades of experience







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