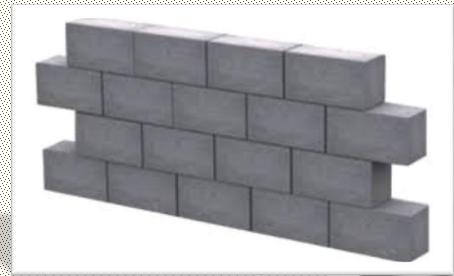
Automatic Fly Ash Brick Making Plant







Introduction

Fly Ash is a burnt residue of pulverized coal (bituminous or sub-bituminous) and is siliceous in nature. In past few decades, R&D efforts were undertaken and it has been proved that this material can be utilized in number of ways in building construction products as well as in civil works with adequate durability.





Major areas of fly ash utilization are Building materials such as Bricks, Blocks, Tiles, etc. Also used in Grouting, Engineered fills for low-lying land spaces for human settlement, use in Road Construction and Construction of ash dykes and embankments.







Fly Ash brick is a product of basic cement clinker materials i.e. FLY ASH, STONE DUST/SAND, LIME, GYPSUM and BONDING AGENT. The mix is so ideally worked out to produce bricks of higher strength with consistency as well as uniformity. The manufacturing process is fully automatic with state of art technology. Though a new age product introduced in the market,



Fly Ash bricks are very well accepted by the organized sectors in heavy industries, high rise buildings, large townships, colonies, etc. because of unique features and merits.

Fly Ash Bricks provides a high level of moisture resistance. It's very economical, cost effective, nil wastage while transporting and handling. Fly Ash Bricks is available in various sizes. These qualitative bricks have high compressive strength and absorb low water. As a whole it is a good project for entrepreneurs to invest.



Few Indian Major Players are as under

- Chhattisgarh Electricity Co. Ltd.
- Gujarat Narmada Flyash Co. Ltd.
- Jindal Steel & Power Ltd.
- Nalwa Steel & Power Ltd.
- Periwal Bricks Ltd.
- Prakash Ceramics Ltd.
- Sand Plast (India) Ltd.
- Tatanagar Bricks Ltd.
- Tuticorin Salt & Marine Chemicals Ltd.



PROJECT AT A GLANCE						(Rs. in lacs)		
COST	F PROJECT		MEANS OF FINANCE					
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total	
Land & Site Development Exp.	0.00	35.00	35.00	Capital	0.00	48.39	48.39	
Buildings	0.00	55.00	55.00	Share Premium	0.00	0.00	0.00	
Plant & Machineries	0.00	40.75	40.75	Other Type Share Capital	0.00	0.00	0.00	
Motor Vehicles	0.00	6.00	6.00	Reserves & Surplus	0.00	0.00	0.00	
Office Automation Equipments	0.00	24.50	24.50	Cash Subsidy	0.00	0.00	0.00	
Technical Knowhow Fees & Exp.	0.00	15.00	15.00	Internal Cash Accruals	0.00	0.00	0.00	
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	145.18	145.18	
Preliminary& Pre-operative Exp	0.00	2.00	2.00	Debentures / Bonds	0.00	0.00	0.00	
Provision for Contingencies	0.00	4.00	4.00	Unsecured Loans/Deposits	0.00	0.00	0.00	
Margin Money - Working Capital	0.00	11.33	11.33					
TOTAL	0.00	193.57	193.57	TOTAL	0.00	193.57	193.57	



Y	'ear	Annı	ıalised	Book Value	Debt	Dividend	Retained Earnings				Payout	Probable Market Price	P/E Ratio	Yield Price/ Book Value
		EPS	CEPS	Per	Share	Per Share	Per S	Share			No.of Times			
		Rs	Rs	Rs	Rs	Rs	%	Rs	%	Rs		%		
	1-2	5.06	8.59	15.06	24.00	0.00	100.00	5.06	0.00	5.06	1.00	0.00		
	2-3	8.11	11.24	23.17	18.00	0.00	100.00	8.11	0.00	8.11	1.00	0.00		
	3-4	11.09	13.87	34.26	12.00	0.00	100.00	11.09	0.00	11.09	1.00	0.00		
	4-5	13.96	16.43	48.22	6.00	0.00	100.00	13.96	0.00	13.96	1.00	0.00		
	5-6	16.69	18.90	64.91	0.00	0.00	100.00	16.69	0.00	16.69	1.00	0.00		



Year		D. S. C. R.		Debt / - Deposits Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio	
	Individual	Cumulativ e	Overall					GPM	PBT	PAT	Net Contribu tion	P/V Ratio			
6 6 6 6 6	(Nu	mber of time	es)	(Number	of times)	%	%	%	%	%		%			
Initial				3.00	3.00										
	4.00	4.00		4.50	4.50	0.47		10.050/	0.440/	0.000/	100 57	10.000/	4.04	2.22	
1-2	1.28	1.28		1.59	1.59	2.17		18.05%	9.14%	6.23%	189.57	48.22%	1.81	0.93	
2-3	1.61	1.44		0.78	0.78	1.21		20.50%	13.17%	8.56%	219.87	47.94%	1.94	1.26	
3-4	2.00	1.61	1.99	0.35	0.35	0.68		22.16%	16.02%	10.24%	251.25	47.93%	1.95	1.69	
4-5	2.45	1.79		0.12	0.12	0.39		23.29%	18.05%	11.45%	282.63	47.93%	1.87	2.20	
5-6	3.00	1.99		0.00	0.00	0.22		24.03%	19.49%	12.33%	314.01	47.93%	1.75	3.93	



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Fixed Assets Coverage Ratio (No. of times)

BEP	
BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	55.87%
Total BEP (% of Installed Capacity)	59.27%
IRR, PAYBACK and FACR	
Internal Rate of Return (In %age)	25.86%
Payback Period of the Project is (In Years)	2 Years 4 Months



5.903

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Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on Automatic Fly Ash Brick Making Plant

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- We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad



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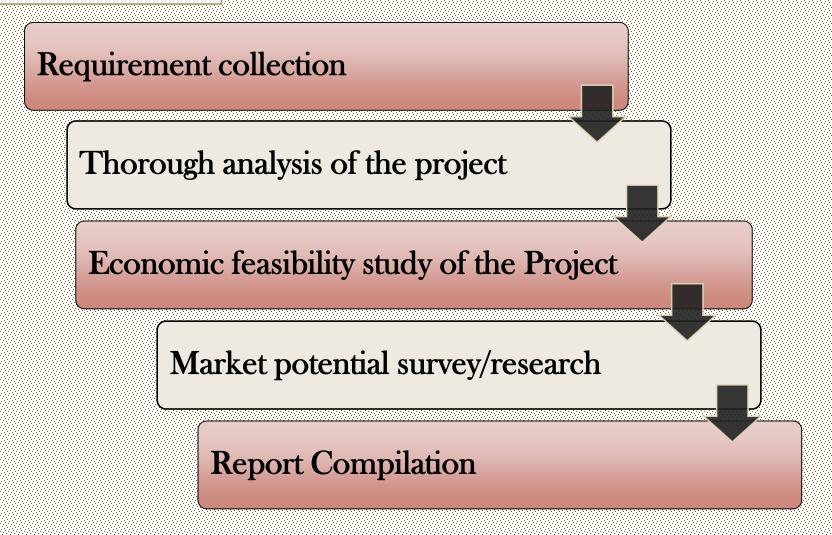


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- Individual Entrepreneurs
- \circ NRI's
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- Non-profit Organizations, NBFC's
- Educational Institutions
- Embassies & Consulates
- Consultancies
- Industry / trade associations



Sectors We Cover

- O Ayurvedic And Herbal Medicines, Herbal Cosmetics
- Alcoholic And Non Alcoholic Beverages, Drinks
- O Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin
- Activated Carbon & Activated Charcoal
- O 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
- O 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
- O Fibre Glass & Float Glass
- Fast Moving Consumer Goods
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- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
- Fertilizers & Biofertilizers
- O 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
- O 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.



- O Paints, Pigments, Varnish & Lacquer
- O 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

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- O 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
- O 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



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- Textiles And Readymade Garments
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