

**PROJECT PROFILE**  
**FOR**  
**DOOR, WINDOW AND VENTILATOR**

1. Product Code - ASICC Code No. 71372
2. Month and year of preparation - March 2007
5. Prepared by - Branch small industries  
service institute Dimapur  
Government of India  
Ministry of SSI industries  
estate Dimapur, Nagaland

## 1. Product and its Uses.

For conservation of forest the time has come to make alternatives to wood is more popular. As a right step towards those good doors, windows and ventilators made out of steel section may play an important role. More and more building is coming up to accommodate ever-increasing population in our country as well as for other development activities. It is envisaged that a large amount of timber may be saved if metallic doors windows and ventilations are used they are fire proof, insect proof as well as weather resistant and their life span is much longer than wooden ones.

These items have very good demand potential and can easily be taken up by the skilled artisans.

## 2. Market Potential

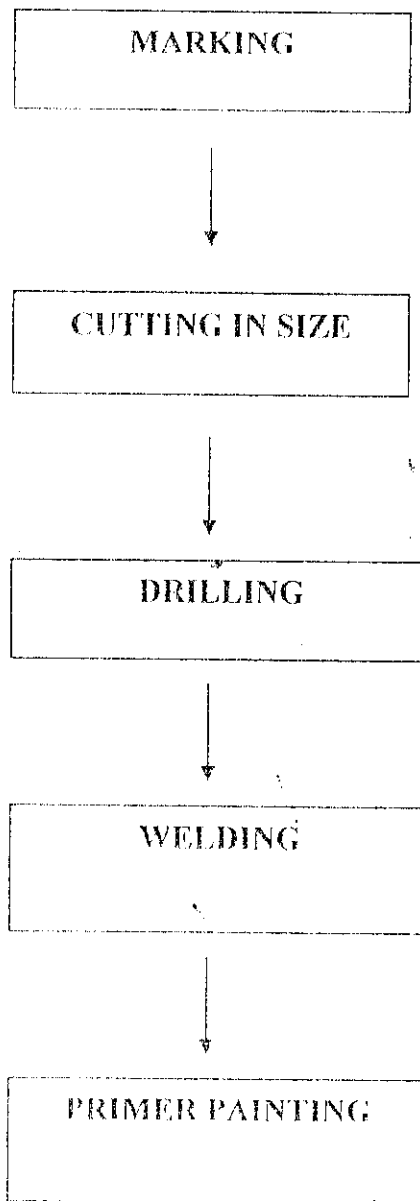
There is a good demand for the items due to increase in building construction industrialization and other development project in our country.

## 3. Basis and Assumption.

- (i) The project profile has been prepared on the basis of single shift of 8 hrs and 75% efficiency.
- (ii) The rental value of the workshop shed been taken at Rs. 3000/- per month.
- (iii) The cost of machinery and equivalent as indicated in the profile refer to a particular make and the prices are approximate those ruling at the time of preparation of this report.
- (iv) The rate of interest has been taken on the basis of 12% per annum.
- (v) The break even point has been worked out on the basis of full capacity utilization.

#### 4. Production Details & Process of Manufacture.

Metallic door, window and ventilation are simple items are made out of different M.S. section i.e. angle Z sec etc. The sections are cut to required length and welded to the required designs of the door & windows as order from customers.



**20. Names and addresses of Suppliers of Raw Materials**

1. M/s Mahata Mammal Chanmaliji & Co.,  
87-88, Kika Street, Bombay – 400004.
2. M/s aggarwal Traders & Engineers,  
129, Abdul Rehman street, Bombay – 400003.
3. M/s Nearest Branch of Steel Authority of India Ltd.

### Implementation Schedule.

	<u>Period.</u>
(i) Selection of site/working shed	1 Month
(ii) Registration with commissioner of industries/DIC	1 Month
(iii) Procurement of machinery and equipment	1 Month
(iv) Arrangement of finance (Term loan and working capital)	3 Month
(v) Selection of market channel	2 weeks
(vi) Recruitment of manpower	1 Month
(vii) Plant erection and electrification	3 Weeks
(viii) Miscellaneous work like power/water etc.	2 Months.

### 6. Financial Aspects.

#### Fixed capital.

Land and building

Rented

Working shed 1220 sq.m

value

Rs. 2000.00

#### List of Machinery and equipment.

(i) Welding transform 200 Amps cap Oil cooled 3 phase 440 V with standard accessories.	2 Nos	14,000.00
(ii) Flexible shaft Grinder 150 mm wheel with motor 3 phase.	1 Nos	3500.00
(iii) 1 1/2 cap Drilling with motor 3 HP 3 phase.	1 Nos	22,000.00
(iv) Hand grinding s/c	1 Nos	2500.00
(v) Hand drilling M/C	1 Nos	2500.00
(vi) Glass and engineering tools	LS	2000.00
(vii) Office equipment	LS	1500.00
(viii) Electrification & installation pre-operative expenses	LS	10,000.00

Rs. 60,000.00

10. Financial Analysis

Cost of production per Annum

Total recurring cost per annum	Rs. 16,80,000.00
Depreciation on machinery and equipment @ 10%	Rs. 6,000.00
Interest on total investment @ 10.5%	Rs. 21,000.00
	-----
Total cost of production	Rs. 17,07,000.00

11. THE REVENUE RECEIPTS

By sale of finished goods such as grills and gates and other steel fabrication 40% margin profit on raw material cost. Rs. 23,52,800.00

12. Net Profit Per Year.

Without any tax Rs. 6,45,800.00

13. Net Profit Ratio 27%

Rate of return on capital 32 %

14. Break -- Even Point.

(% of total production envisaged) within limits.

Sources of Raw materials.

Steel authority of India. Or Local market.

N.B The project may be modified according to the present rate quotation of P.V.C. s and raw materials etc