

*A PROJECT FEASIBILITY STUDY ON THE MANUFACTURE
OF HEAT INSULATOR PLYWOOD MADE FROM IPA*

Feasibility Study

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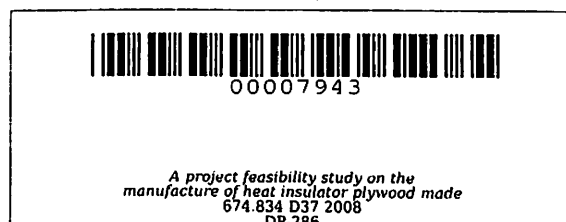
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HEAT INSULATOR PLYWOOD MADE FROM IPA**

A Feasibility Study
Submitted to the Faculty of the
Cavite State University
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RYAN CORONACION DELA CRUZ
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EXECUTIVE SUMMARY

This study primarily aimed to find out if production of heat insulator plywood made from “Ipa” is a feasible project. This also aimed to find out the profitability of the plywood manufacturing industry. Specifically, the project aimed to determine the possible problems to be encountered in putting up the business and the solutions to overcome these problems; identify the factors that might affect the business; to determine the most appropriate system and technology in manufacturing plywood, and identify the components needed in putting up this kind of business.

This study concentrated in the plywood corporations in Cavite City, Trece Martires City, General Trias, Indang, Naic, Bacoor, Dasmariñas, Tagaytay City, Mendez, and Silang being the target market of the company.

NAYR Company will produce heat insulator plywood for ceiling purposes. This product will surpass its competitors in terms of quality and price. The raw materials that will be used in manufacturing plywood are ipa and urea formaldehyde.

The study covered five aspects such as marketing, technical, organization and management, financial, and socio-economic. In the marketing aspect, establishments that sell ceiling materials and the households were chosen as the target market. The marketing programs and strategies were developed to ensure that the company would penetrate the present market. In the technical aspect, quality products will be the top priority of the company and will adapt a total quality system to ensure the highest quality of its products and achieve the highest efficiency and utilization of its manpower and machineries. With regards to the organization aspect, the company will be registered under the name NAYR

Company, an enterprise that will engage in plywood manufacturing. In order to provide quality products and satisfaction to its customers, the company will hire highly competent and skilled employees. By using the measures of liquidity, solvency and profitability, the business is expected to generate income. In terms of its socio-economic aspect, the company will provide a lot of benefits once it is implemented. It will generate different socio-economic activities to support the projects of the local government and also give opportunities for unemployed people and interested investors.

The researcher recommends the manufacture of heat insulator plywood made from ipa since it was found feasible and viable provided that it will be managed and financed effectively.

TABLE OF CONTENTS

	Page
BIOGRAPHICAL DATA	iii
ACKNOWLEDGEMENT	iv
EXECUTIVE SUMMARY	vi
LIST OF TABLES	xiii
LIST OF APPENDIX TABLES	xiv
LIST OF APPENDIX FIGURES	xx
LIST OF APPENDICES	xxi
INTRODUCTION	1
Statement of the Problem	2
Objectives of the Study	4
Significance of the Study	4
Scope and Limitations	5
DEFINITION OF TERMS	5
METHODOLOGY	7
Sources of Data	7
Primary data	7
Secondary data	8
Research Instrument	8

Treatment of Data	8
Time and Place of the Study	8
REVIEW OF RELATED LITERATURE	12
MARKETING ASPECT	15
Product Description	16
Target Market	16
Historical Number of Households in Target Market	17
Projected Number of Households in Target Market	17
Demand Analysis	17
Projected Number of Households to be Established	18
Projected Annual Demand per Household	18
Supply Analysis	18
Summary of Projected Annual Sales per Locality	19
Demand and Supply Analysis	20
Projected Demand Gap	20
Projected Market Share	21
Price Study	21
Factors Affecting the Market	22
Marketing Strategies	23
TECHNICAL ASPECT	24
The Product	24

Manufacturing Process	25
Manufacturing Capacity	27
Plant Size and Production Schedule	27
Machinery and Equipment	28
Factory Tools and Utensils	29
Auxiliary Machinery and Equipment	30
Factory Furniture and Fixture	30
Office Equipment	30
Office Furniture and Fixture	30
Other Expenses	31
Land Size	31
Plant Layout	31
Office Layout	31
Plant Location	32
Estimated Building Cost	32
Land Improvement	33
Suppliers	33
Monthly and Annual Budget	34
Utilities	34
Alternatives	35
Land Biota	35
Waste Disposal	36
Production Cost	37

Labor Requirements	37
ORGANIZATION AND MANAGEMENT ASPECT	39
Mission Statement	39
Vision Statement	39
Product Name	39
Form of Business Ownership	39
Organizational Structures and Functions	41
Organizational Policies	50
Benefits Plan	51
Requirements, Selection, Hiring	52
Termination and Disciplinary Actions	53
Mode of Dressing	54
Mode of Communication	54
Production Policies	55
Compensation Plan	57
FINANCIAL ASPECT	58
Major Assumptions	58
Total Project Cost	60
Sources of Funds	61
Pre-Operating Cash Flow Statement	61
Financial Ratio Analysis	61
Measures of Liquidity	62
Measures of Ability to Sell Inventory and Collect Receivables	63

Inventory Turnover in a Manufacturing Company	64
Measures of Long Term Solvency	65
Measures of Profitability	66
Measures of Investment Proficiency	68
Measures of Operating Efficiency	68
Measures of Economic Profitability	69
SOCIO-ECONOMIC ASPECT	70
Contribution to the Economy	70
New Business Opportunity	70
Source of Employment	71
Government Revenue	71
CONCLUSION AND RECOMMENDATION	72
Conclusion	72
Recommendation	72
BIBLIOGRAPHY	74

LIST OF TABLES

Table		Page
1.1	Historical annual supply from 2002 - 2006	19
1.2	Projected annual supply from 2008 – 2012	20
1.3	Direct and indirect materials	21
1.4	Summary of competition	22
2.1	Comparison between commercial boards and heat insulator plywood	25
2.2	Estimated building construction cost	32
2.3	List of suppliers	33
2.4	Monthly and annual budget	34

LIST OF APPENDIX TABLES

Appendix Table		Page
1	Historical number of households in the target localities	76
2	Projected number of households in the target localities	77
3	Projected number of household to be established	78
4	Projected annual demand per household	79
5	Summary of projected annual sales per locality	80
6	Projected demand gap	81
7	Projected market share	81
8	Projected selling price	82
9	Projected gross sales	82
10	Summary of projected marketing expenses from 2008 to 2012	83
11	Projected production schedule from 2008 to 2012	83
12	Factory machineries and equipment	84
13	Tools	84
14	Auxiliary machinery and equipment	85
15	Factory furniture and fixtures	85
16	Office equipment	86
17	Office furniture and fixtures	86

18	Factory rating analysis	87
19	Computation of factory rating analysis	88
20	Estimated cost of land improvements	89
21	Basic properties of H.I. plywood	89
22	Projected monthly salary of employees	90
23	Projected annual salary of employees	91
24	Projected 13 th month pay of employees	92
25	Projected monthly SSS contribution	93
26	Projected annual SSS contribution	94
27	Projected monthly PhilHealth contribution	95
28	Projected annual PhilHealth contribution	96
29	Projected monthly PAG-IBIG contribution	97
30	Projected annual PAG-IBIG contribution	98
31	Total project cost	99
32	Sources of funds	100
33	Pre-operating cash flow statement	101
34	Projected gross sales	102
35	Projected sales discount and net sales	102
36	Projected cash sales and sales on account	103
37	Projected bad debts expense	103
38	Projected accumulated allowance for doubtful accounts	104
39	Projected collection from sales	104
40	Projected accounts receivable – end	105

41	Summary of annual administrative expense	105
42	Summary of annual indirect labor expense	106
43	Summary of annual direct labor expense	106
44	Depreciation expense of company truck	107
45	Book value/accumulated depreciation of company truck	107
46	Depreciation expense of factory machineries and equipment.....	108
47	Book value/accumulated depreciation of factory machineries.....	108
48	Depreciation expense of auxiliary machineries and equipment	109
49	Book value/accumulated depreciation of auxiliary machineries and equipment	109
50	Depreciation expense of factory furniture and fixture	110
51	Book value/accumulated depreciation of factory furniture and fixture	110
52	Depreciation expense of office equipment	111
53	Book value/accumulated depreciation of office equipment	111
54	Depreciation expense of office furniture and fixtures	112
55	Book value/accumulated depreciation of office furniture and fixtures	112
56	Depreciation expense of factory tools and utensils	113
57	Book value/accumulated depreciation of factory tools and utensils	113
58	Depreciation expense of factory building	114

59	Book value/accumulated depreciation of factory building	114
60	Summary of depreciation expenses	115
61	Amortization/organization cost	115
62	Book value / accumulated amortization of organization cost	116
63	Utilities expense – electricity and water	116
64	Utilities expense – gas and fuel	116
65	Utilities expense – telephone	117
66	Summary of annual utilities expense and distribution	117
67	Projected marketing and promotions expense	117
68	Projected office supplies expense	118
69	Projected janitorial supplies expense	118
70	Projected uniforms expense	119
71	Projected insurance expense	119
72	Projected miscellaneous expense	120
73	Projected repair and maintenance expense	120
74	Projected taxes, licenses and permit expense	121
75	Projected representation expense	121
76	Projected cost of direct materials per kilo average	122
77	Raw material to be used – Ipa	122
78	Raw material to be used – Urea Formaldehyde	123
79	Summary of raw materials used	123
80	Summary of raw materials inventory	124

81	Summary of raw materials purchases	124
82	Payment of purchase	124
83	Cash disbursement for purchase	125
84	Accounts payable – trade	125
85	Projected computation of factory overhead	126
86	Projected cost of goods manufactured	127
87	Finished goods inventory	127
88	Cost of goods sold	127
89	Projected operating expense	128
90	Projected income statement	129
91	Income tax payment schedule	129
92	Cash disbursement for income	130
93	Income tax payable	130
94	Cash flow statement	131
95	Projected balance sheet	132
96	Working capital	134
97	Current ratio	134
98	Quick ratio	135
99	Receivable turnover	135
100	Number of days sales in receivables	136
101	Inventory turnover	136
102	Number of days sales in inventory	137
103	Finished goods turnover	137

104	Raw materials inventory turnover	138
105	Equity ratio	138
106	Debt ratio	139
107	Equity – debt ratio	139
108	Debt – equity ratio	140
109	Gross margin rate	140
110	Profit margin rate	141
111	Return of investment	141
112	Return on total assets	142
113	Return on owner’s equity	142
114	Operating expense ratio	143
115	Ratio of return on sales	143
116	Fixed assets turnover	144
117	Asset turnover rate	144
118	Annual cash inflow	145
119	Payback period	145
120	Break even analysis	146
121	Break even volume	146

LIST OF APPENDIX FIGURES

Appendix Figure	Page
1 Market share from demand gap (2008)	148
2 Market share from demand gap (2009)	148
3 Market share from demand gap (2010)	149
4 Market share from demand gap (2011)	149
5 Market share from demand gap (2012)	150
6 Dryer machine	150
7 Mixer machine	151
8 Mat forming machine	151
9 Hot press machine	152
10 Cutting machine	152
11 Forklift	153
12 Process diagram	154
13 Organizational chart	155

LIST OF APPENDICES

Appendix	Page
A Sample of survey questionnaires	157
B SSS contributions	158
C PhilHealth contributions	159
D Articles of incorporation	160
E By-laws of the company	173
F Memorandum of agreement	182
J Map of Cavite province	186
K Map of Trece Martires City	187
L Plant layout	188
M Floor plan	189
N Resume	190
O Permits	193

A PROJECT FEASIBILITY STUDY ON THE MANUFACTURE OF HEAT INSULATOR PLYWOOD FROM IPA ^{1/}

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INTRODUCTION

Overview

The inefficient utilization of timber and agricultural resource wastes is still a major concern in the country. After harvesting of the rice grains, only the ice plant owners benefit its waste which is the "Ipa". They use it in the ice plant to prevent the ice from melting quickly. And after that, they just dispose it, adding more wastes to the environment.

One of the solutions to minimize this waste is the development of wood industries which utilize waste materials. To take advantage of this new product, builders and furniture makers should be acquainted with its distinct features and should know its proper use.