

**PRODUCTION AND EXPORT MARKET OF MEDIUM DENSITY FIBER
BOARD IN PENINSULAR MALAYSIA.**

By

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**Final Project Paper Submitted in Partial Fulfillment for the
Diploma in Wood Industries, Faculty of Applied Science
University Technology Mara**

November 2000

ACKNOWLEDGEMENTS

As the author, I would to convey a very grateful appreciation to Allah the god of the universe. I also would like to acknowledge my gratitude to all the authors listed in the bibliography for ideas, inspiration and guidance. My special thanks is dedicated to the lecturer of this subject (*Final Project Paper –WTE 375*), Assoc. Prof. Dr. Jamaludin Kasim, also known as ‘Dr. J’ or ‘Dr. Jem’ among the wood industry student at UiTM Pahang (Universiti Teknologi MARA), to Assoc. Prof. Dr. Suhaimi Muhammed (the lecturer of WTE 265) known as ‘Dr. S’ among his student for his invalvasce assistance, caourage and cooperation as my adviser and last but not least to all my friends who have give me support and assitance towards the completion of this Final Project Paper. May the Allah blessings and favour of be upon all of you.

TABLE OF CONTENT

	Page
ACKNOWLEDGEMENT	iii
LIST OF FIGURES	vi
LIST OF TABLE	vii
LIST OF OBBREVIATIONS	viii
ABSTRACT	ix
ABSTRAK	x
 CHAPTER	
1. INTRODUCTION	1
2. THE MDF MANUFACTURING	4
2.1 Raw material.	
2.1(a) Fiber preparation.	
2.1(b) Resin binder addition	
2.1(c) Forming.	
2.1(d) Pressing .	
3. PROPERTIES AND USES OF MDF	9
3.1 Furniture related properties.	
3.1(a) Internal bond.	
3.1(b) Screw holding.	
3.1(c) Modulus elasticity	
3.1(d) Dimensional stability.	
3.1(e) Water soak.	
3.1(f) Thickness tolerance.	
3.1(g) Grift content.	
3.1(h) V313 treatment.	
3.1(i) Formaldehyde measurement.	
3.2 Fiber building boards.	
3.2(a) Appearance.	
3.2(b) Strength properties.	
3.2(c) Durability.	
3.2(d) Other properties.	
3.2(e) Uses.	

4. MDF PERFORMANCE LEVEL.....	17
5. MDF SPECIALITIES.....	18
5.1 Improve moisture.	
5.2 Flamme retardent MDF.	
5.3 Insect/termite resistant MDF.	
5.4 MDF with higher strength.	
6. RESULT AND DISCUSSION.....	21
6.1 Raw material.	
6.2 Manufacture of MDF.	
6.2(a) Chip washing.	
6.2(b) Fiber preparation.	
6.2(c) Fiber drying.	
6.2(d) Mat forming.	
6.2(e) Pre-compression.	
6.2(f) Hot pressing.	
6.2(g) Board finishing.	
6.2(h) Heat energy generation.	
6.2(i) Process control.	
6.3 Export.	
6.4 Future.	
REFERENCES.....	46
APPENDICES.....	47
VITA.....	55

CHAPTER 1.

INTRODUCTION.

The field of wood based panel materials has changed remarkably since 1950. New particle types, new adhesives, adhesives improvement, equipment development, process control development, an invention (including computers), as well as innovations the used of wood based materials have created a whole new world of wood based panels or materials in 1991. These materials are now better known as “composite”. The composite include not only panels, but also molded products, lumber, large timbers, components and materials made with combinations of wood and other materials.

This paper discusses the new technologies in the wood based panels composites secto especially medium density fiber board. The title of the paper was changed the literately from wood based panels to composites. This was done so that molded and lumber composite materials would be included because they are already important products and will become even more important in the future. Because of the size of the industry today, it is impossible to discuss the subject completely. Consequently, there will be missions of what some will consider as very important developments.

“Composites” is a word easily misunderstood. In this discussion, composites are defined as materials that have the commodity that have the commonality of being glued or bonded together. Thus, glue, resin, or another binder, is an important part of petroleum and natural gas, are expensive and they will become more expensive as oil prices increase. A contributing factor to developing countries problems with glues and