

**EFFECT OF DIFFERENCES ACTIVE ALKALI TO THE  
PROPERTIES OF PAPER BY USING SEMI-SODA PULPING**

By

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## TABLE OF CONTENTS

	Page
APPROVAL SHEET.....	ii
DEDICATION.....	iii
ACKNOWLEDGEMENT.....	iv
LIST OF TABLES.....	vi
LIST OF FIGURES.....	vii
LIST OF PLATES.....	ix
ABSTRACT.....	x
ABSTRAK.....	ix

### CHAPTER

<b>I</b>	<b>INTRODUCTION.....</b>	<b>1</b>
	1.1 Problem Statement.....	2
	1.2 Objective.....	2
<b>II</b>	<b>LITERATURE REVIEW.....</b>	<b>3</b>
	2.1 Specification of Kelempayan.....	3
	2.2 Fiber Bonding.....	4
	2.2.1 Effect of Surface Tension on Fiber Bonding.....	5
	2.2.2 Effect of Lignin on Fiber Bonding.....	6
	2.3 Semichemical Pulping Process.....	6
	2.3.1 Semichemical Sulfite.....	7
	2.3.2 Semichemical Kraft.....	8
	2.4 Strength Properties of Paper.....	9
	2.4.1 Factors That Affect Tensile Strength.....	9
	2.4.2 Factors That Affect Bursting Strength.....	10
	2.4.3 Factors That Affect Tearing Strength.....	10
<b>III</b>	<b>MATERIALS AND METHODS.....</b>	<b>12</b>
	3.1 Raw Material.....	12
	3.1.1 Preparing Stock.....	12
	3.1.2 Cooking (Semi-Soda Pulping).....	12
	3.2 Refining and Beating.....	13
	3.3 Trial Paper.....	14
	3.4 Actual Paper.....	15
	3.5 Paper Testing.....	16
	3.5.1 Tearing Resistance.....	16

	3.5.2 Tensile Strength.....	17
	3.5.3 Bursting Strength.....	18
	3.6 Flow Chart of Semi-Soda Pulping.....	20
<b>IV</b>	<b>RESULTS AND DISCUSSION.....</b>	<b>21</b>
	4.1 Yield.....	21
	4.2 Freeness.....	22
	4.3 Bulk.....	23
	4.4 Tearing Index.....	24
	4.5 Tensile Index.....	25
	4.6 Bursting Index.....	26
<b>V</b>	<b>CONCLUSION.....</b>	<b>27</b>
	<b>BIBLIOGRAPHY.....</b>	<b>28</b>
	<b>APPENDIX.....</b>	<b>29</b>
	<b>VITA.....</b>	<b>30</b>

## **ABSTRACT**

### **EFFECTS OF DIFFERENCES ACTIVE ALKALI TO THE PROPERTIES OF PAPER BY USING SEMI-SODA PULPING**

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The study of this project paper is on the Kelempayan spp. (*Neolamarkia cadamba*) from Rubiaceae, which is to find the properties of paper and its suitability by using Semi-Soda Pulping process with differences of active alkaline that is 8%, 10% and 12%. The results of paper properties by using Semi-Soda Pulping indicate that 10% is better than 8% and 12%. It is because the tearing resistant, tensile strength and bursting strength is increase during testing paper. However, the 12% produce the lower percentage of yield than 8% and 12% of Semi-Soda Pulping.