

**THE PROPERTIES OF PAPER FROM KENAF BAST FIBER ACCORDING TO
20 %, 25 % AND 30% ACTIVE ALKALI USING SODA-AQ PULPING**

BY

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TABLE OF CONTENT

CONTENTS	PAGE
ACKNOWLEDGEMENTS	i
TABLE OF CONTENTS	ii
LIST OF TABLES	iv
LIST OF FIGURES	v
LIST OF ABBREVIATIONS	vi
ABSTRACT	vii
ABSTRAK	viii
CHAPTER ONE: INTRODUCTION	
1.1 Raw Material of Pulp and Paper	1
1.2 Problem Statement	2
1.3 Objective	2
CHAPTER TWO: LITERATURE REVIEW	
2.1 <i>Hibiscus cannabinus L</i>	3
2.1.1 History	3
2.1.2 Fiber Morphology	4
2.1.3 Properties of <i>Hibiscus cannabinus L</i>	4
2.1.4 Advantage and Disadvantage of <i>Hibiscus cannabinus L</i>	5
2.2 Chemical Pulping	
2.2.1 Kraft Pulping	6
2.2.2 Sulphite Pulp	7
2.2.3 Soda-AQ Pulping	7

CHAPTER THREE: METHODOLOGY	
3.1 Material	8
3.2 Chemical Preparation for Soda-AQ Pulping	8
3.3 Pulping Process	14
3.5 Trial Sheets Prepared	17
3.6 Paper Making	18
3.7 Testing of Paper	18
3.7.1 Tearing Testing	19
3.7.2 Tensile Testing	20
3.7.3 Bursting Testing	21
3.7.4 Freeness Testing	22
3.7.5 Paper Cutting	23
CHAPTER FOUR: RESULTS AND DISCUSSIONS	
4.1 Paper Properties of Kenaf Bast Fiber	24
4.2 Effect of AA on Tearing Index	25
4.3 Effect of AA on Tensile index	26
4.4 Effect of AA on Bursting index	27
4.5 Effect of AA on Freeness	28
4.6 Effect of AA on Bulk	29
CHAPTER FIVE: CONCLUSION	30
REFERENCES	31
APPENDICES	32

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ABSTRACT

Pulping of Kenaf bast fiber (*Hibiscus cannabinus L*) by Soda –AQ pulping was studied in order to investigate the effect of active alkali levels (20%, 25% and 30% AA) on the freeness of pulp and also paper properties (tensile index, burst index, tear index and bulk). The results shows that the different level active alkali affected the properties of pulp and paper. The 25% of active alkali produce the highest value of Freeness (643ml), tensile index (33.68Nm/g), burst index (0.24MPa) and tear index (23.56 mNm²/g) but the bulk of paper increases with the increases of active alkali.