DENSITY VARIATION IN ARAUCARIA (A.hunsteinii)

By

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TABLE OF CONTENT

TITLE	PAGE
TITLE PROJECT	i
APPROVAL SHEET	ii
DEDICATION	
ACKNOWLEDGEMENTS	iv
LIST OF TABLES	vii
LIST OF FIGURES	viii
LIST OF ABBREVATIONS	ix
ABSTRACT	x
ABSTRAK	xi

CHAPTER

1.0	INTRODUCTION	
2.0	LITERITURE REVIEW	
	2.1 General characteristic	
	2.2 Physical properties of araucaria	
	2.3 Mechanical properties of araucaria4	
	2.4 Uses	
	2.5 Importance of density	

3.0	MATERIAL AND METHODS
	3.1 Material preparation
	3.2 Density measurement
4.0	RESULTS AND DISCUSSIONS
	4.1 Effects of height level9
	4.2 Effects of distance from pith11
5.0	CONCLUSION

REFERENCES	
APPENDICES	15
VITA	

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ABSTRACT

Density of Araucaria (*Araucaria hunsteinii*) were ascertained based on eight parts of tree there are base (10% to 30%), middle was 40% to 60% and top was 70% to 80% of clear bole height which is base describe as Diameter of Breast Height (DBH). The sources of Araucaria woods were selected from Kemasul Forest Reserve at Maran. The timbers of Araucaria are from lightweight softwood group and normally can found at mountain forest. We are studied about the density of Araucaria and the effect of height levels. Beside that we also studies about the effect of distance between heartwood, middle and sapwood. From the research, there are different values between the height levels of tree and between the distances of disc. The effects of that may be due to the species, environmental effect, anatomical properties and the chemical properties of the tree. So, as a conclusion we should doing detail research about Araucaria, which is, can increase more uses in wood industrial.