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|  | Malaysian Journal of Bioengineering and Technology |  |
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# **This is the Manuscript Title** **(Times New Roman, 16pt)**

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| **ARTICLE INFO** |  | **ABSTRACT** |
|  |  | Please write an abstract of 150 – 250 words (Times New Roman, 11pt)). |
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## Introduction (Times New Roman, 16pt)

### 1.1 Second-level header (Times New Roman, 12pt)

#### 1.1.1 Third-level header (Times New Roman, 11pt)

General text should be written in **TIMES NEW ROMAN, text size 11pt, single spacing** throughout the manuscript. Please do not modify the margin and layout of the template provided.

All publications cited in the text should be presented in a list of references following the text of the manuscript. In the text refer to references by a number in square brackets on the line [1], and the full reference should be given in a numerical list at the end of the paper.

# Materials and Methods (Times New Roman, 16pt)

### 2.1 Second-level header

#### 2.1.1 Unit

All measurements and data should be given in SI units, or if SI units do not exist, in an internationally accepted unit. Abbreviations and acronyms should only be used for unwieldy terms and names which occur frequently in the manuscript. Equations and formulae should be typewritten wherever possible. Equations should be numbered consecutively with Arabic numerals in parentheses on the right-hand side of the page.

(1)

# Results and Discussions (Times New Roman, 16pt)

### 3.1 Second-level header

#### 3.1.1 Figure captions

#### Ensure that each illustration has a caption. Supply captions separately, not attached to the figure. A caption should comprise a brief title (**not** on the figure itself) and a description of the illustration. Keep text in the illustrations themselves to a minimum but explain all symbols and abbreviations used as shown in **Fig. 1**.



**Fig. 1**: Stress vs strain (Times new roman, 10pt)

3.1.2 Tables

Please submit tables as editable text and not as images. Tables can be placed either next to the relevant text in the article, or on separate page(s) at the end as shown in **Table 1**. Number tables consecutively in accordance with their appearance in the text and place any table notes below the table body. Please avoid using vertical rules and shading in table cells.

**Table 1**: Measured density and moisture content of the manufactured wood composites. (Times new roman, 11pt)

|  |  |  |  |
| --- | --- | --- | --- |
| **Panel type** | **Target density**  **(g/cm3)** | **Measured density**  **(g/cm3)** | **Moisture content,**  **%** |
| GMOS | 0.60 | 0.57 (0.04)a | 8.67 (0.18)a |
| 0.70 | 0.66 (0.11)b | 5.44 (0.17)b |
| 0.80 | 0.75 (0.11)c | 5.87 (0.08)c |
| UF | 0.60 | 0.56 (0.03)a | 4.59 (0.11)a |
| 0.70 | 0.68 (0.04)b | 4.50 (0.01)a |
| 0.80 | 0.78 (0.13)c | 4.07 (0.10)b |

\*different letters in the same column and the same type of binder showed significant differences at ɑ value of 0.05

# Conclusions (Times New Roman, 16pt)

Write your single-paragraph conclusion here.

# REFERENCES

References should be given in the following form:

1. Fish JC, Lee S W. Delamination of tapered composite structures. Engineering Fracture Mechanics, 1989;34(1):43-54.
2. Tsai SW, Hahn HT. Introduction to Composite Materials. Westport: Technomic, 1980.
3. Bradley WL. Relationship of matrix toughness to interlaminar fracture toughness. In: Friedrich K, editor. Application of Fracture Mechanics to Composite Materials. Amsterdam: Elsevier, 1989. p.159-187.
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5. Amini MHM, Hashim R, Hiziroglu S, Sulaiman NS, Sulaiman O. Properties of particleboard made from rubberwood using modified starch as binder. Composites Part B: Engineering. 2013;50:259-64.