

MECHANICAL PROPERTIES OF  
CEMENT BRICK USING  
RICE HUSK ASH (RHA) AS  
CEMENT REPLACEMENT

IZZAT AKMAL BIN RUSLEE

B. ENG(HONS.) CIVIL ENGINEERING

UNIVERSITI MALAYSIA PAHANG



## **SUPERVISOR'S DECLARATION**

I/We\* hereby declare that I/We\* have checked this thesis/project\* and in my/our\* opinion, this thesis/project\* is adequate in terms of scope and quality for the award of the Bachelor Degree of Civil Engineering

---

(Supervisor's Signature)

Full Name : DR. GUL AHMED JOKHIO

Position : Senior Lecturer

Date :

---

(Co-supervisor's Signature)

Full Name :

Position :

Date :



## **STUDENT'S DECLARATION**

I hereby declare that the work in this thesis is based on my original work except for quotations and citations which have been duly acknowledged. I also declare that it has not been previously or concurrently submitted for any other degree at Universiti Malaysia Pahang or any other institutions.

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(Student's Signature)

Full Name : IZZAT AKMAL BIN RUSLEE

ID Number : AA13211

Date :

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## LIST OF SYMBOLS

$\mu\text{mm}$	micro millimetre
MPa	Mega Pascal
$^{\circ}\text{C}$	Degree Celcius

## **LIST OF ABBREVIATIONS**

RHA	Rice Husk Ash
CO <sub>2</sub>	Carbon Dioxide
ASTM	American Society for Testing and Materials
WSW	Wood Sawdust Wastess
LPW	Lime-stone Powder
UPV	Ultrasonic Pulse Velocity
CW	Cotton Wastes
GWP	Glass Wastes Powder
OPC	Ordinary Portland Cement