

SIMULATION OF FOUR STROKE FREE PISTON DIESEL  
ENGINE

HAFNIZAR BIN MUHAMAD SHAHARUDDIN

UNIVERSITI MALAYSIA PAHANG

# SIMULATION OF FOUR STROKE FREE PISTON DIESEL ENGINE

HAFNIZAR BIN MUHAMAD SHAHARUDDIN

A report submitted in partial fulfillment of the  
requirements for the award of the  
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University Malaysia Pahang

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### SUPERVISOR DECLARATION

I hereby declare that I have read this thesis and in my opinion this thesis is sufficient in terms of scope and quality for the award of the degree of Bachelor of Mechanical Engineering.

Signature : .....

Supervisor : Prof Madya Dr. ROSLI B ABU BAKAR

Position : Lecturer/Supervisor

Date : 10 November 2008

Signature : .....

Co-Supervisor : Mr INDRA RANU KUSUMA

Position : Co-Supervisor

Date : 10 November 2008

Signature : .....

Name of Panel :

Position :

Date :

## STUDENT DECLARATION

I declare that this entitle “*simulation of four stroke free piston diesel engine*” is the result of my own research expect as cited in the references. The thesis has not been accepted for any degree and is not concurrently submitted in candidature of any other degree.

Signature: .....

Name : Hafnizar bin Muhamad Shaharuddin

Date : 10 November 2008

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**LIST OF SYMBOLS**

Hp	-	Horse power
g	-	Gravity
V	-	Velocity
M	-	Mass
T	-	Torque
F	-	Force
b	-	Distance from rotor to load cell
P	-	Brake power
N	-	Engine speed

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