

**STUDY OF MONITORING OF CONCRETE
STRENGTH DEVELOPMENT USING
INFRARED THERMOGRAPHY (IRT)**

MOHD SHAFIQ BIN MOHD ZIN

B. ENG (HONS.) CIVIL ENGINEERING

UNIVERSITI MALAYSIA PAHANG



SUPERVISOR'S DECLARATION

I hereby declare that I have checked this project and in my opinion, this project is adequate in terms of scope and quality for the award of the degree Bachelor of Engineering (Hons) in Civil Engineering.

Signature : _____

Name of Supervisor : FADZIL BIN MAT YAHAYA

Position : LECTURER

Date :



STUDENT'S DECLARATION

I hereby declare that the work in this report is my own except for quotations and summaries which have been duly acknowledged. The report has not been accepted for any degree and is not concurrently submitted for award of other degree.

Signature : _____

Name : MOHD SHAFIQ BIN MOHD ZIN

ID Number : AA13091

Date :

STUDY OF CONCRETE STRENGTH MONITORING USING
INFRARED THERMOGRAPHY (IRT)

MOHD SHAFIQ BIN MOHD ZIN

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LIST OF SYMBOLS

μm	Micrometre
$^{\circ}\text{C}$	Degree Celsius
%	Percentage

LIST OF ABBREVIATIONS

mm	Millimetre
m	Metre
IRT	Infrared Thermography
2D	Two Dimension
NDT	Non Destructive Method
psi	Pound per Square Inch
LT	Locking Thermography
VT	Vibrothermography
RGB	Red, Green and Blue
MPa	Mega Pascal