STUDY OF COLD JOINT CONCRETE BY INFRARED THERMOGRAPHY AND ULTRASONIC PULSE VELOCITY

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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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LIST OF SYMBOLS

- μm Micrometre
- % Percentage
- °C Degree Celsius

LIST OF ABBREVIATIONS

Hz	Hertz
lm	Lumen
IRT	Infrared Thermography
kN	Kilo Newton
MPa	Mega Pascal
mm	Millimetre
m	Meter
NDT	Non-Destructive Test
PT	Pulse Thermography
PPT	Pulse Phase Thermography
psi	Pound Per Square Inch
RGB	Red, Green, Blue
ТМ	Thermal Modelling
UPV	Ultrasonic Pulse Velocity
VGA	Video Graphic Array