

THE DETECTION OF CONCRETE DEFECTS
USING INFRARED THERMOGRAPHY

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SUPERVISOR'S DECLARATION

I hereby declare that I have checked this thesis and in my opinion, this thesis is adequate in terms of scope and quality for the award of the Bachelor Degree of Civil Engineering.

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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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THERMOGRAPHY

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TABLE OF CONTENT

DECLARATION	
TITLE PAGE	
ACKNOWLEDGEMENTS	ii
ABSTRAK	iii
ABSTRACT	iii
TABLE OF CONTENT	v
LIST OF TABLES	ix
TABLE OF FIGURES	xi
CHAPTER 1 INTRODUCTION	1
1.1 BACKGROUND	1
1.2 PROBLEM STATEMENT	3
1.3 OBJECTIVE OF RESEARCH	3
1.4 SCOPE OF WORK	3
1.5 EXPECTED OUTCOMES	4
1.6 SIGNIFICANT OF STUDY	5
CHAPTER 2 LITERATURE REVIEW	6
2.1 HONEYCOMB IN CONCRETE	6
2.2 CRACKS IN CONCRETE	7

2.2.1	CRACKING DUE DRYING SHRINKAGE	8
2.2.2	CRACKING DUE THERMAL MOVEMENTS	8
2.2.3	DETECTION OF CRACK IN CONCRETE	9
2.3	NON DESTRUCTIVE TEST	10
2.3.1	REBOUND HAMMER TEST	11
2.3.2	ULTRASONIC PULSE VELOCITY	12
2.3.3	INFRARED THERMOGRAPHY	13
2.3.3.1	ACTIVE AND PASSIVE THERMOGRAPHY	14
2.3.3.2	THEORETICAL CONSIDERATION	15
2.3.3.3	ADVANTAGES OF THERMOGRAPHY	17
CHAPTER 3 RESEARCH METHODOLOGY		19
3.1	INTRODUCTION	19
3.2	EXPERIMENTAL PROCEDURE	20
3.3	MATERIALS PREPARATION	21
3.3.1	CONCRETE MANUFACTURING	21
3.3.2	CEMENT	22
3.3.3	WATER IN CONCRETE	23
3.3.4	REINFORCEMENTS BARS	23
3.3.5	AGGREGATE	24
3.4	RESEARCH METHODOLOGY	25

3.4.1	INFRARED THERMOGRAPHY CAMERA	25
3.5	EXPERIMENTAL DESIGN	27
3.6	ANALYSIS OF DATA	28
3.6.1	IRT CALCULATION SYSTEM	28
CHAPTER 4 RESULT AND DISSCUSION		29
4.1	INTRODUCTION	29
4.2	INFRARED THERMOGRAPHY IMAGE	30
4.2.1	INFRARED THERMOGRAPHY IMAGE FOR CUBES	30
4.2.2	IRT IMAGE FOR BEAMS	34
4.3	SOFTWARE ANALYSIS	39
4.4	RESULT AND DISCUSSION FOR CUBES SAMPLES	40
4.4.1	VALUE FROM CUBES' IRT IMAGE	40
4.4.2	DISCUSSION FOR CUBE RESULTS	44
4.5	RESULT AND DISCUSSION FOR BEAMS SAMPLES	46
4.5.1	VALUE FROM BEAMS' IRT IMAGE	46
4.5.2	DISCUSSION FOR CUBE RESULTS	56
4.6	IRT IMAGE FOR EXISTED STRUCTURE	59
CHAPTER 5 CONCLUSION AND RECOMMENDATION		60
5.1	CONCLUSION	60
5.2	RECOMMENDATION	61

LIST OF TABLES

Table 2.1: The electromagnetic spectrum	16
Table 3.1: Percentage of sand in each sample	27
Table 4.1: IRT Image when time is zero (sample 1)	30
Table 4.2: IRT Image after one hour (sample 2)	31
Table 4.3: IRT Image after two hours (sample 3)	32
Table 4.4: IRT Image after three hour (sample 4)	33
Table 4.5: IRT Image before and after flexural test (sample 1)	34
Table 4.6: IRT Image before and after flexural test (sample 2)	35
Table 4.7: IRT Image before and after flexural test (sample 3)	36
Table 4.8: IRT Image before and after flexural test (sample 4)	37
Table 4.9: IRT Image before and after flexural test (sample 5)	38
Table 4.10: Result from IRT image sample 1	40
Table 4.11: Analysed IRT image sample1	41
Table 4.12: Result from IRT image sample 2	41
Table 4.13: Analysed IRT image sample 2	42
Table 4.14: Result from IRT image sample 3	42
Table 4.15: Analysed IRT image sample 3	43
Table 4.16: Result from IRT image sample 4	43
Table 4.17: Analysed IRT image sample 4	44
Table 4.18: Result from IRT image (sample 1)	46
Table 4.19: IRT Image before and after flexural test (sample 1)	47
Table 4.20: Result from IRT image (sample 2)	48

Table 4.21: IRT Image before and after flexural test (sample 2)	49
Table 4.22: Result from IRT image (sample 3)	50
Table 4.23: IRT Image before and after flexural test (sample 3)	51
Table 4.24: Result from IRT image (sample 4)	52
Table 4.25: IRT Image before and after flexural test (sample 4)	53
Table 4.26: Result from IRT image (sample 5)	54
Table 4.27: IRT Image before and after flexural test (sample 5)	55

TABLE OF FIGURES

Figure 1.1: Procedure of work	4
Figure 2.1: Typical appearance of drying shrinkage cracking	8
Figure 2.2: Thermal cracks in slabs	9
Figure 3.2: Experimental procedure	20
Figure 3.3: Constituents of concrete mixture	22
Figure 3.3: IRT camera fixed on tripod	28
Figure 4.1: IMAGEJ colour threshold	39
Figure 4.2: HUE detection for cube	39
Figure 4.3: HUE detection for beam	40
Figure 4.4: Percentage of sand vs area of red colour for each sample	45
Figure 4.5: Red area, % of sand and time after oven relationship	45
Figure 4.6: Sample 1 heated by oven	56
Figure 4.7: Sample 2 heated by oven	56
Figure 4.8: Sample 3 heated by sun	57
Figure 4.9: Sample 4 heated by sun	57
Figure 4.10: Sample 5 heated by sun	58
Figure 4.11: IRT for existed structure	59
Figure 4.12: Normal Image for existed structure	59

LIST OF ABBREVIATION

IRT	Infrared Thermography
NDT	Non-destructive test
UPV	Ultrasonic pulse velocity
RC	Reinforced concrete
PT	Pulsed thermography
HSB	Hue, Saturation and Brightness