

**CENTRE OF STUDIES FOR BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING AND
SURVEYING
UNIVERSITI TEKNOLOGI MARA, SHAH ALAM**

**EFFECT OF NOISE DURING REFURBISHMENT WORK TO
SURROUNDING**

**MOHD YUSRI BIN ISMAIL
(2010861956)**

**Academic Project submitted in partial fulfilment of the
requirements
for the degree of
Bachelor of Building Surveying (Hons)
Centre of Studies for Building Surveying
Faculty of Architecture, Planning & Surveying**

December 2013

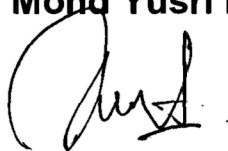
CENTRE OF STUDIES FOR BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING AND
SURVEYING
UNIVERSITI TEKNOLOGI MARA, SHAH ALAM

EFFECT OF NOISE DURING REFURBISHMENT WORK TO
SURROUNDING

“I hereby declare that this academic project is the result of my own research except for the quotation and summary which have been acknowledged”

Student's Name : Mohd Yusri Bin Ismail

Signature :



UITM No. : 2010861956

Date : January 27th 2014

**CENTRE OF STUDIES FOR BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING AND
SURVEYING
UNIVERSITI TEKNOLOGI MARA**

**ACADEMIC PROJECT
BSB 658**

CONFIRMATION OF ACADEMIC PROJECT AMENDMENTS

**This is to confirm that the student has amended his/her
academic project as directed and therefore allowed to compile**

Marks	Grade
50	C

Student's Name : Mohd Yusri Bin Ismail

UITM No. : 2010861956

Title : Effect Of Noise During

Refurbishment Work To Surrounding

Supervisor's Name : Dr. Shahrul Yani Binti Said

Signature : 

Date : January 27th 2014

ABSTRACT

This research has been made of study on the effect of noise during refurbishment work to the surrounding. The research also has a three objective to complete it. The purpose and objectives of the study are to identify, whether the use of equipment during refurbishment works cause noise pollution. To identify the equipment that produces noise and give recommendation of how to minimize the effect of noise during refurbishment works. This research, data collection will be collect based on the qualitative and quantitative data. Qualitative data have two category are primary data and secondary data. The primary data have include the interview and observation. Thus, secondary data have books, journal, articles and internet. Then, quantitative data have questionnaire, pilot study, sample population and survey instrument. This research also use pilot study to gather of data collection. Pilot study is questionnaire will be pre-test on a small population in each case studies before they reach the full sample. A pilot study can be helps the researcher to identify the questions derives the right information, phrases that confuse or test whether there are any words or determine if the instruction are clear for the participants and offend the respondent. Amount of 30 questionnaire was be use for pilot study before distribution actually it.

TABLE OF CONTENTS

CONTENTS	PAGES
ABSTRACT	i
ACKNOWLEDGEMENT	ii
LIST OF FIGURE	iii
LIST OF TABLE	iv
CHAPTER 1	1
INTRODUCTION	1
1.0 Introduction	1
1.1 Background of Study	2
1.2 Problems Statement	4
1.3 Objective of Study	5
1.4 Scope of study / significant of study	5
1.5 Research Design / Methodology of Study	6
1.5.1 Data Collection	6
1.5.2 Analysis data	7
1.5.3 Finding/conclusion	8
1.5.4 Conclusion of chapter	8
CHAPTER 2	10
LITERATURE REVIEW	10
2.0 Introduction	10
2.1 Introduction of sound	11
2.2 Characteristic of sound	12
2.2.1 Sound Levels and Human Response	15
2.3 Definitions of noise	16
2.4 Measurement of noise	17
2.5 Effects of noise	18
2.5.1 Communication	19
2.5.2 Hearing impairment	20
2.5.3 Health	20
2.5.4 Performance	21