UNIVERSITI PUTRA MALAYSIA
BERILMU BERBAKTI

Department of Civil Engineering
FACULTY OF ENGINEERING
LABORATORY SAFETY FORM

A Designation

1.	Postgraduate	PhD/Post Doc.	☐	Master With Thesis	☐
2.	Master Structure C (Without Thesis)	Laboratory	☐	Research Project	☐
3.	Undergraduate	Laboratory	☐	Research Project	☐
4.	Research Assistant				☐
5.	Laboratory Name	_____			

B Declaration

1. I have read and understood The Laboratory Safety Handbook & Civil Eng. Laboratory Safety Notes ☐
2. I have completed The Risk Assessment of my research ☐
3. I have received basic training in the use of these equipment: ☐

Testing Equipment	Date	Specimen Preparation Equipment	Date

Notes: 1. The training is required before the personnel begin the laboratory work
2. The training includes:
a. Safety equipment
b. Equipment Practices
c. Emergency Procedures, Equipment, First Aid Kits
d. Waste Disposal

4. **"I hereby declare that I will be responsible for all incidents. The Department of Civil Engineering shall not deem liable for any accidents occur due to safety negligence."** ☐

5. Work Area _____ Period of Study:from _____ to _____
6. Prepared by: Name _____
Matrix No.: _____
H/P No.: _____
Email Address: _____ Sign & Date:_____
7. Checked by: *(sign, stamp & date)*
Supervisor: _____
8. Approved by: *(sign, stamp & date)*

Asst. Engineer: _____

Head of Laboratory: _____

DSO/Science Officer.: _____

Issue No. : 02
Effective Date : 17/11/2014

Construction Materials Laboratory

No.	List of Testing Equipment	List of Sample Preparation Equipment
1	Compression Test Machine	Mixer
2	Flexural Test Machine	Cutting Machine
3	Tensile Test Machine	Coring Machine
4	Splitting Test Machine	
5	Splitter Machine	
6	Permeation Testing Equipment	
7	Water Penetration Machine	
8	Oxygen Permeability Apparatus	
9	Durability Testing Equipment	
10	Carbonation chamber and testing procedure	
11	RCPT apparatus	
12	Cement Testing Equipmet	
13	Calorimetry Apparatus	

Hydraulics Laboratory

No.	List of Testing Equipment	List of Sample Preparation Equipment
1	Open Channel Flume	Cutting Machine
2	Wave Generator	Driller
3	Rainfall-Runoff Apparatus	
4	Pumps	
5	Velocity Meter	

Public Health Laboratory

No.	List of Testing Equipment	List of Sample Preparation Equipment
1	Chemical Oxygen Demand,	
2	Acid Digestion	
3	Total Ammonia Nitrogen	
4	Biochemical Oxygen Demand	
5	Perform Enumeration of bacteria	
6	Determination of Alkalinity	
7	Oil and Grease Test	
8	Total Organic Carbon Test	

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