

HIRARC FORM

Faculty/School/Unit/Laboratory/Workshop:	Makmal Kartografi dan GIS 2	Conducted by: (Name, Designation, Signature)	Shaharin bin Mohamad Penolong Jurutera							
Work Process:		Conducted Date:	From: 01 Nov 2020	Until: 31 Dis 2020						
Location/Block:	Aras 1, Blok C02	Reviewed by: (Name, Designation, Signature)								
Approved by: (Name, Designation, Signature)	Encik Azman bin Ariffin Penyelaras Makmal	Review Date:								
Approval Date :		Next Review Date:								
1. HAZARD IDENTIFICATION			2. RISK ANALYSIS				3. RISK CONTROL			
No.	Activities (Routine / Non-Routine)	Actual and Potential Hazards	Which can Cause Potential Consequences / Risk Effects	Existing Control Measures	Likelihood (A)	Severity (B)	Risk Level (A) x (B)	Legal & Other Requirements	Additional / Recommended Control Measures	Person In Charge (Due Date / Status)
1	Pintu 'EXIT' tiada di makmal	Tidak menepati OSHA	Bahaya bila berlaku kebakaran	Tiada	2	5	10		Tambah pintu 'EXIT' di makmal	Staf makmal
2	Tiada EXHAUST FAN di Bilik Staf	Tidak menepati OSHA	Bahaya untuk kesihatan	Tiada	3	3	9		Pasang EXHAUST FAN	Staf makmal

Likelihood (A)

- 5 - Most Likely (The most likely result of the hazard / event being realized)
- 4 - Possible (Has a good chance of occurring and is not unusual)
- 3 - Conceivable (Might be occur at sometime in future)
- 2 - Remote (Has not been known to occur after many years)
- 1 - Inconceivable (Is practically impossible and has never occurred)

Severity (B)

- 5 - Catastrophic (Numerous fatalities, irrecoverable property damage and productivity)
- 4 - Fatal (Approximately one single fatality major property damage if hazard is realized)
- 3 - Serious (Non-fatal injury, permanent disability)
- 2 - Minor (Disabling but not permanent injury)
- 1 - Negligible (Minor abrasions, bruises, cuts, first aid type injury)

Hierarchy of Control

- 1 - Elimination
- 2 - Substitution
- 3 - Isolation
- 4 - Engineering Control
- 5 - Administration Control
- 6 - Personal Protective Equipment (PPE)

Risk Level

- 1-4 (Low)
- 5-12 (Medium)
- 15-25 (High)

Legal & Other Requirements

- L1 - Occupational Safety and Health Act 1994 (Act 514)
- L2 - Factories and Machinery Act 1967 (Act 139)
- L3 - Atomic Energy Licensing Act 1984 (Act 304)
- L4 - Biosafety Act 2007 (Act 678)
- L5 - Electricity Supply Act 1990 (Act 447)
- L6 - Fire Service Act 1988 (Act 341)
- L7 - Others Act & Regulation (Specify)
- L8 - NIL (Not In List)