Safety Awareness Talk
For IA Students
Background

- Hazards and risk exists in Industrial Attachment
- The level of risk depends on the type of industry and nature of work carried out
- Risk can be managed with proper control and good practices adopted => Accident can be prevented
- Everyone has a part to play (Employer & Employee)
Accidents Can Be Avoided

Some could lead to permanent incapacity
What We May Not know......

- Any “accidents” in Singapore may lead to legal prosecutions
- Consequences of “accidents” can also lead to lifelong regrets
Exposed to Asbestos without Training or Protection

Sam, a college student, got a summer job clearing debris at a worksite. His employer did not tell him and the other workers that the debris contained asbestos. The employer also did not provide training on handling asbestos or protective equipment as required by OSHA. As a result, Sam's work exposed him to asbestos, a recognized hazardous material that may lead to cancer and other diseases of the lungs.
Case Sharing

• IA student was performing etching on carbon steel welded samples using Nital Acid (90% Ethanol & 10% Nitric acid)

• In the process of using a cotton ball soaked with acid to swap on the carbon sample, a drop of acid flew into one of his eyes

• Immediately washed his eyes with water

• Experienced discomfort, given MC followed up by review

• He was wearing lab coat but not safety goggles
Common Causes of Accidents

- Employee not trained
- PPE not used or used incorrectly
- Assume able to do it
- Inattentive or Indifference Attitudes
- Taking shortcuts
- Wrong tools for wrong job
- Fatigue
Your Responsibility

Duties of “Employee” under the Workplace Safety & Health Act

• Do not act recklessly or wilfully which endangers yourself or the safety of others

• Do not misuse any equipment or PPE;

• Co-operate with your “Employer” over safety matters;

• Use equipment only when authorised to do so. When not sure, please ASK;

• Use the provided PPE (know how and the limitations)
Personal Protective Equipment

Use the right PPE and use them correctly

Promote Safety, Protect People, Prevent loss
You Should Also …

ASK for safety information when in doubt. May include:

- Risk assessment
- Safe work procedures
- Operating instructions
- Change of PPE when damaged

Notify your attached organisation and NTU for any incident or unusual occurrence.
What is Take 5?

1. Stop and Look
2. Think through the Task
3. Identify Hazards
4. Control + Communicate
5. Do the Task Safely

Promote Safety, Protect People, Prevent Loss
Your safety matters most. Enjoy your IA and do it safely!

Remember:

• Stay focus
• No music or hand phones whilst at work with heavy machinery or dealing with anything hazardous
End of Presentation