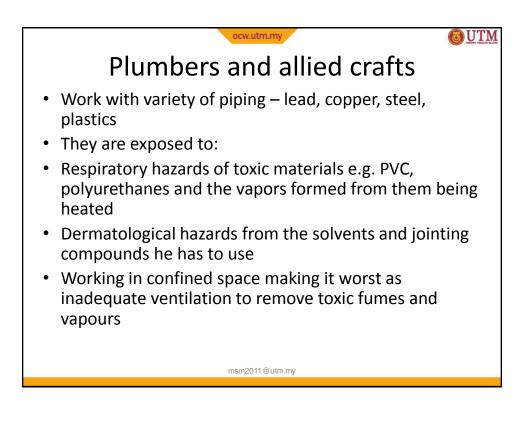
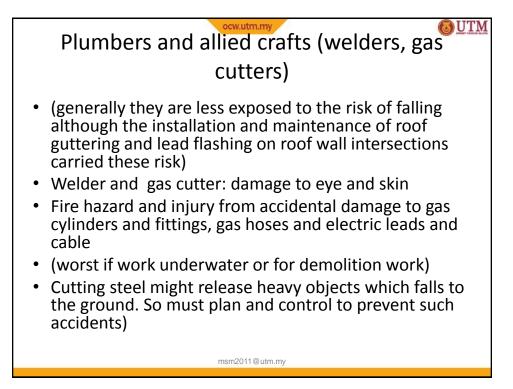


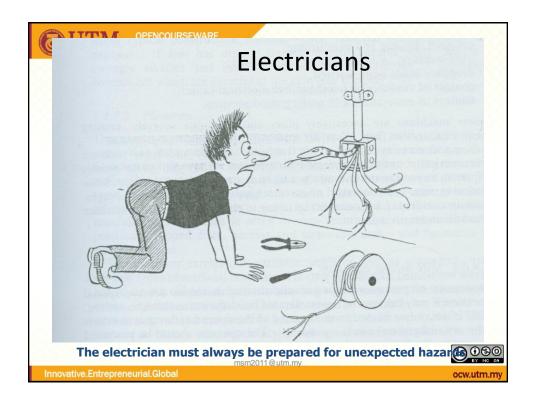


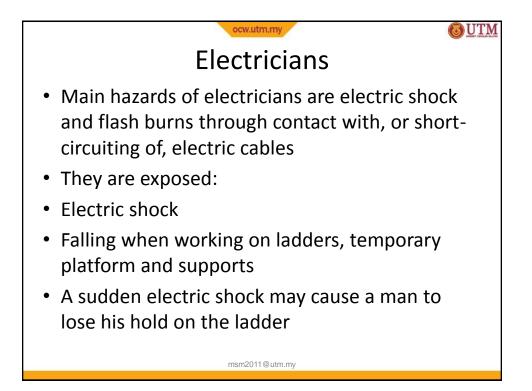
- Eye damage and skin burns when handling rustinhibiting chemicals
- Skin burns and ulcers (if hydrofluoric is used) when using stone, brick and cement cleaners
- Paint strippers
- Inhaling solvent vapours can cause irritation to the eyes, nose, throat, dizziness and stupor

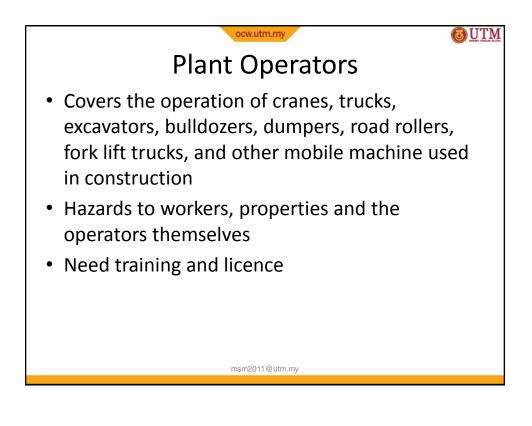
#painters are more exposed to health hazards than most other construction worker from the materials they use

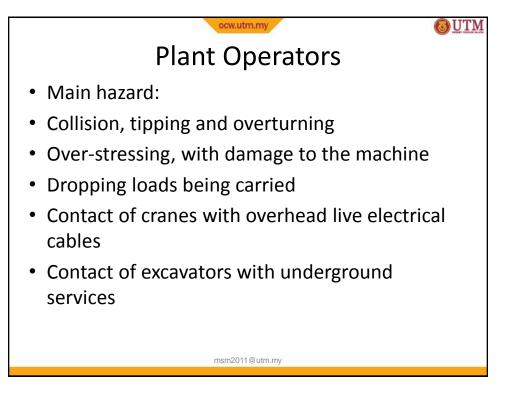


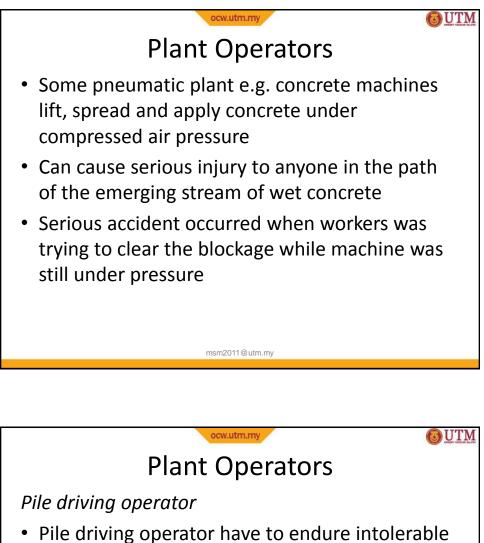






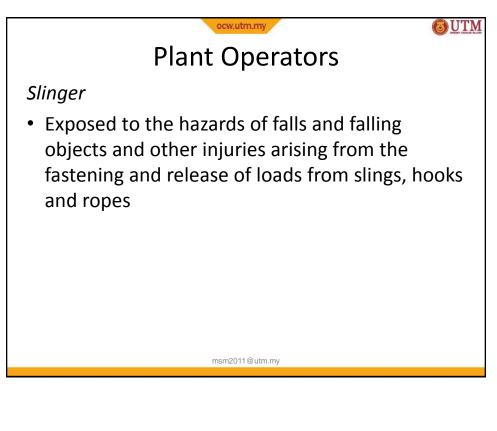


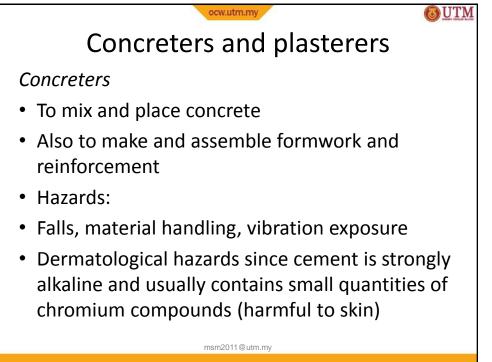


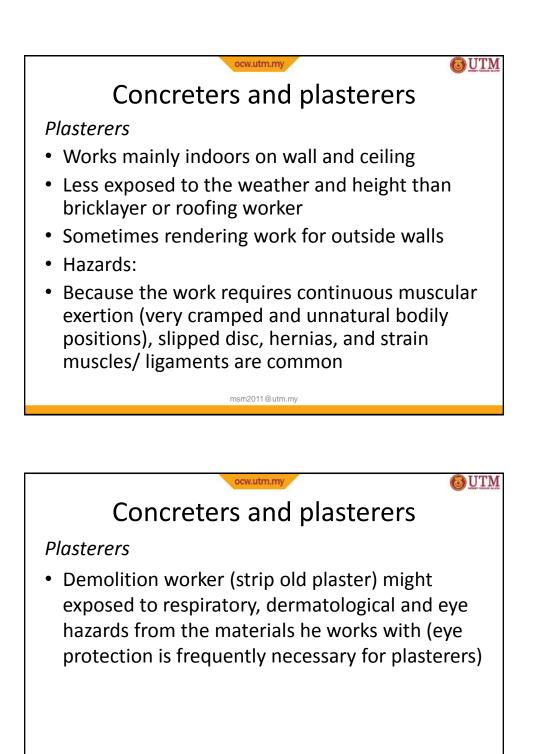


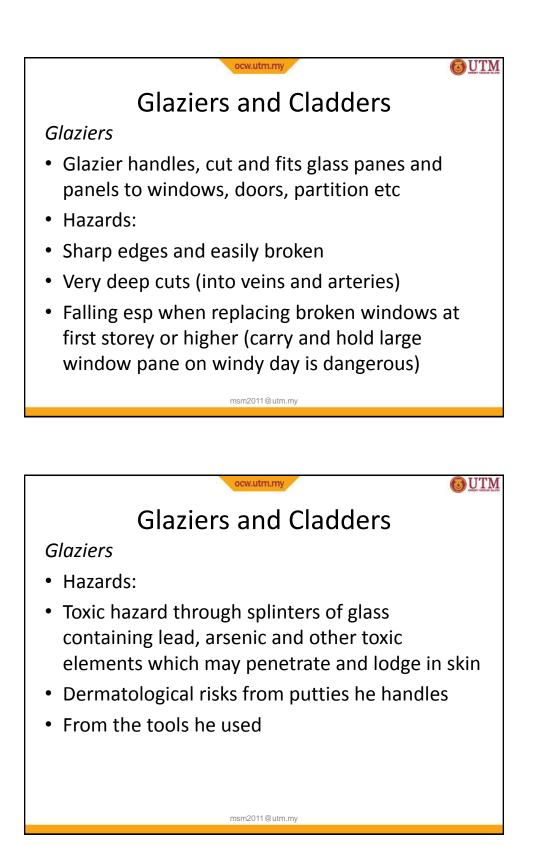
- Noise
 Hazard to the bearing of the operator and also
- Hazard to the hearing of the operator and also to others who are obliged to be in the proximity

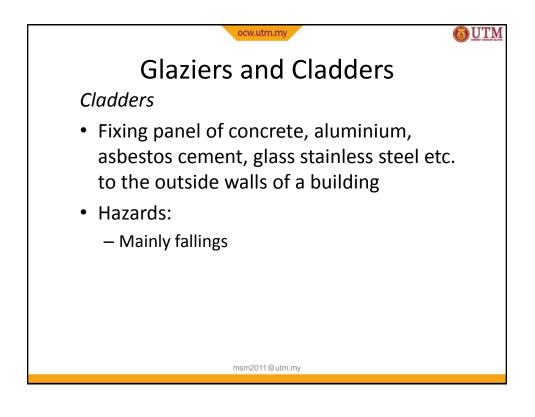
• Should be protected by ear muffs

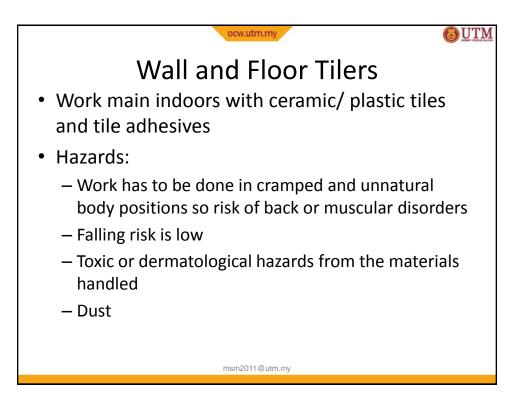


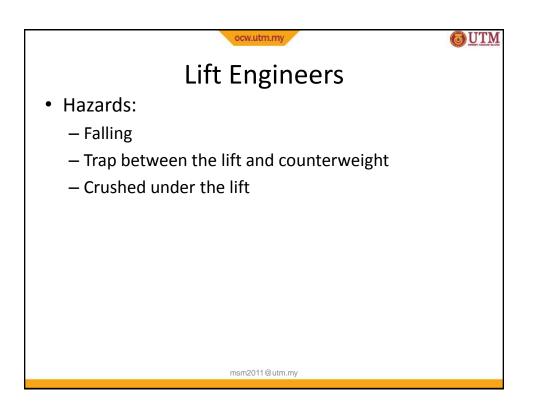


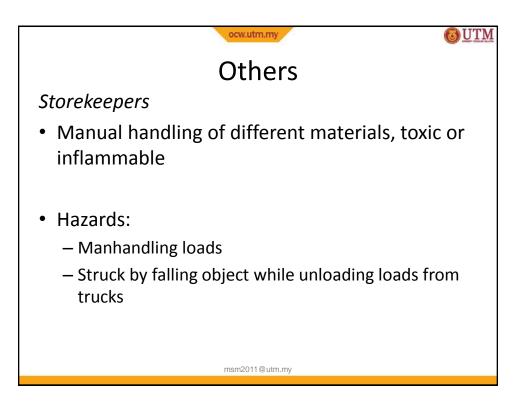


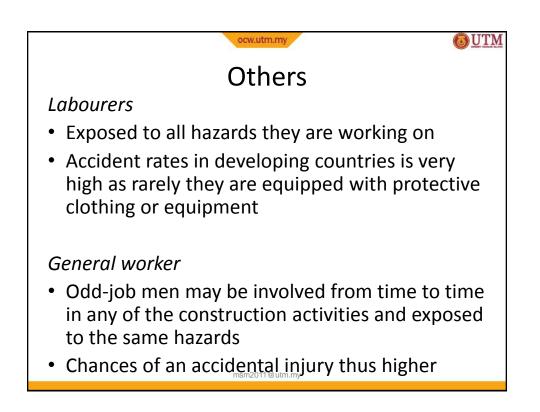




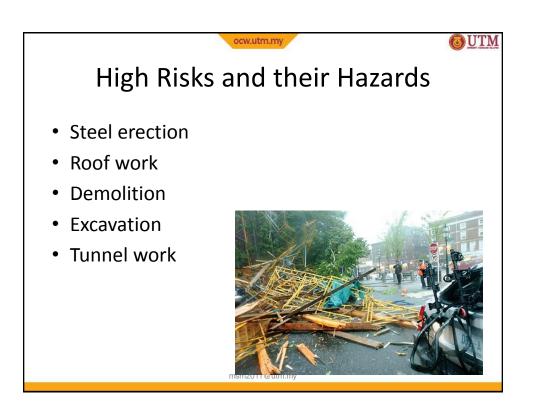




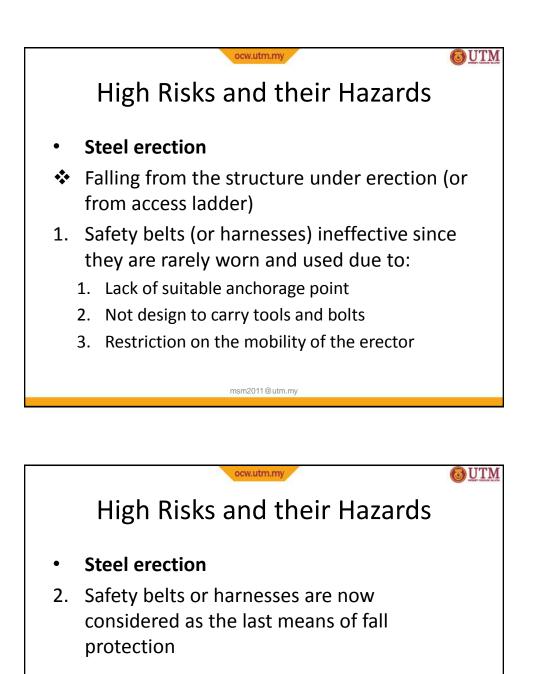


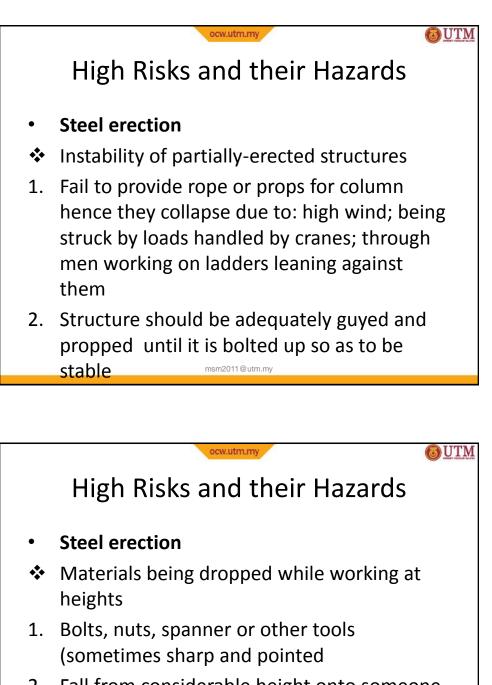




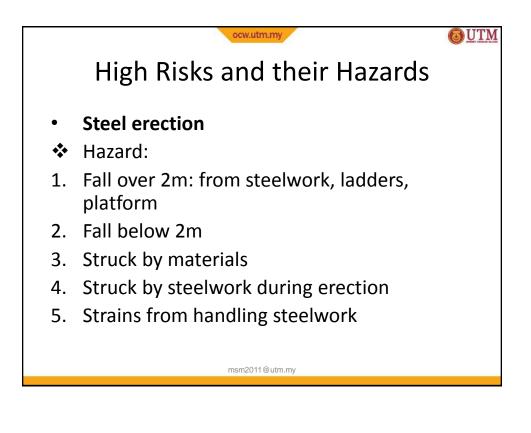




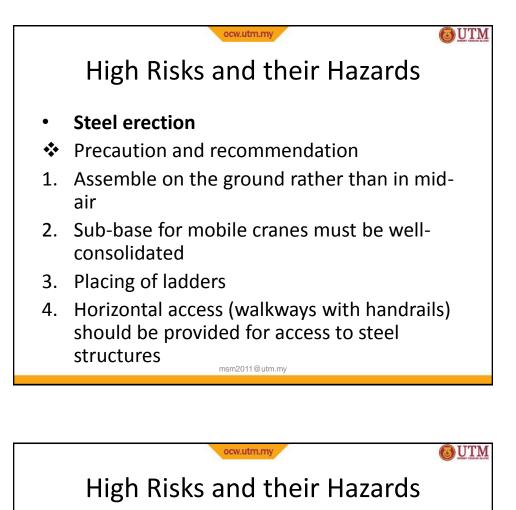


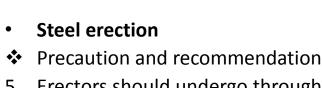


- 2. Fall from considerable height onto someone below
- 3. Even safety helmet caused injury

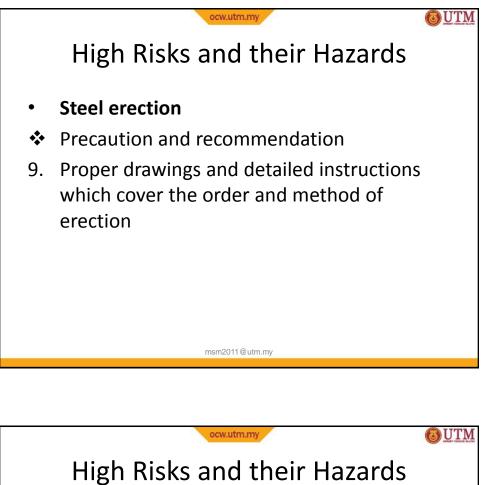


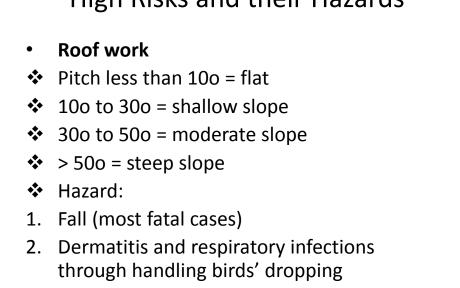


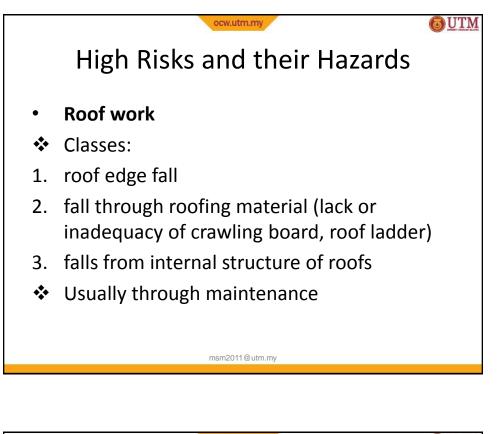


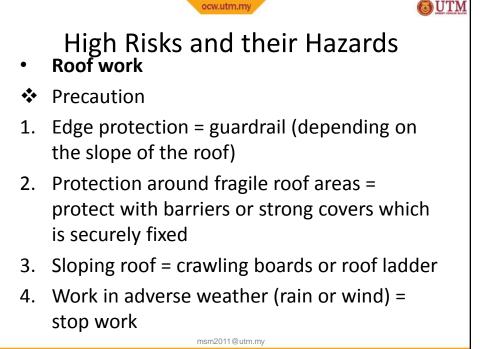


- Erectors should undergo through preselection (medical examination, training and certification)
- 6. Teamwork and effective communication
- 7. Safety helmet and safety boots
- 8. Steel erection should not be carried out in unsuitable weather or bad light (ice or snow)

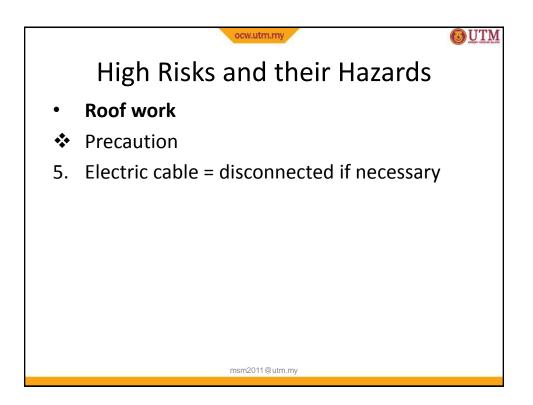


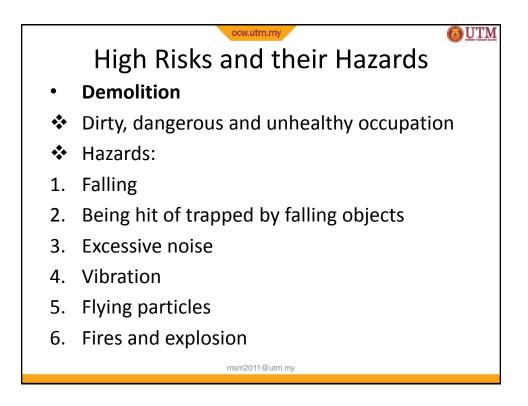


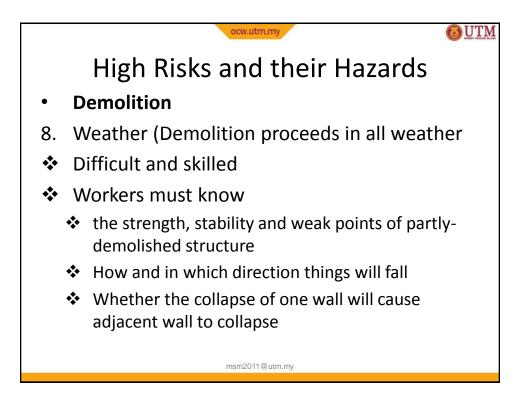


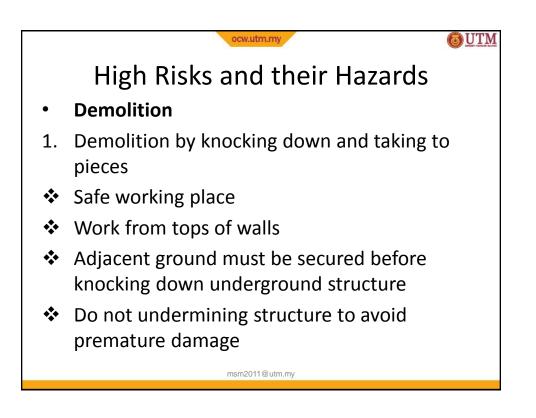


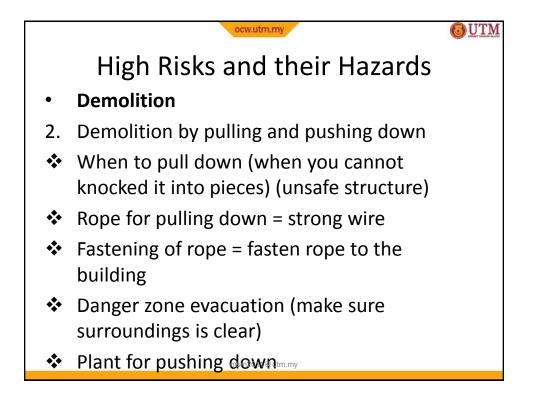


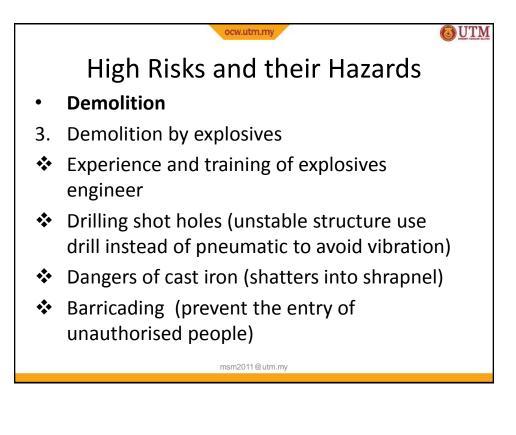


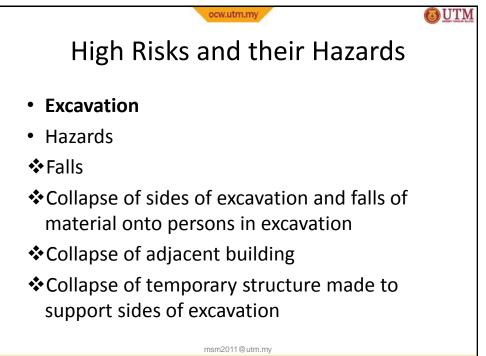


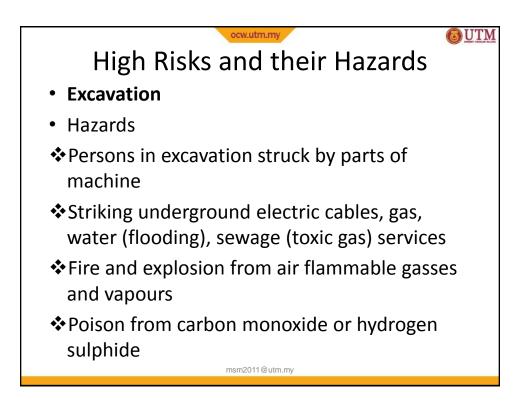


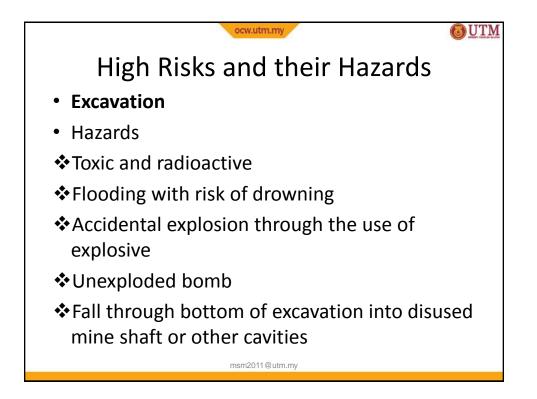


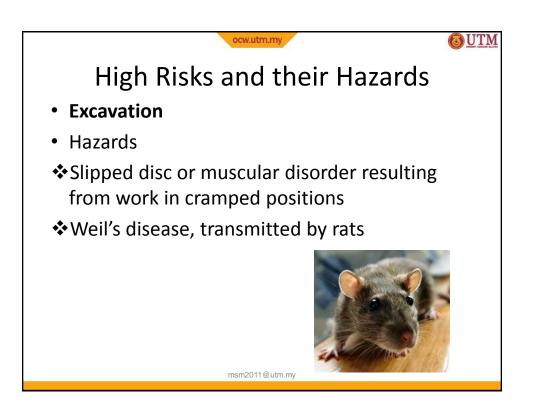


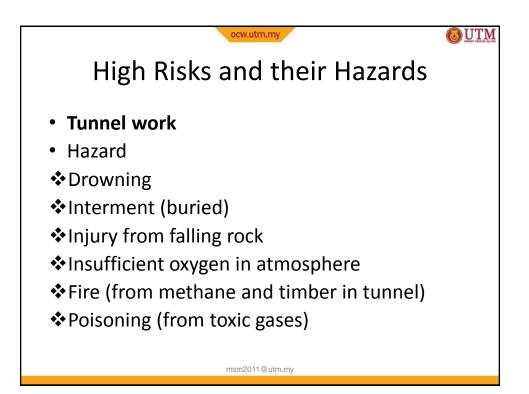


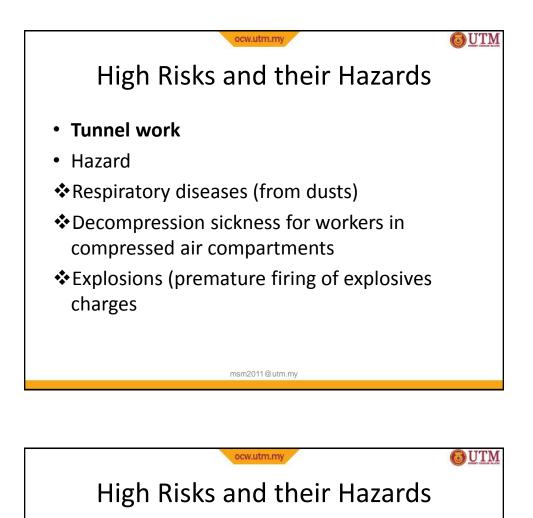












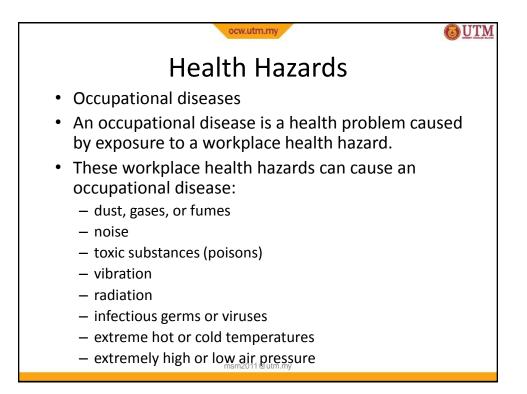
- Tunnel work
- Hazard
- Excessive noise, leading to hearing loss
- Vibration (handheld pneumatic rock drills)

msm2011@utm.mv

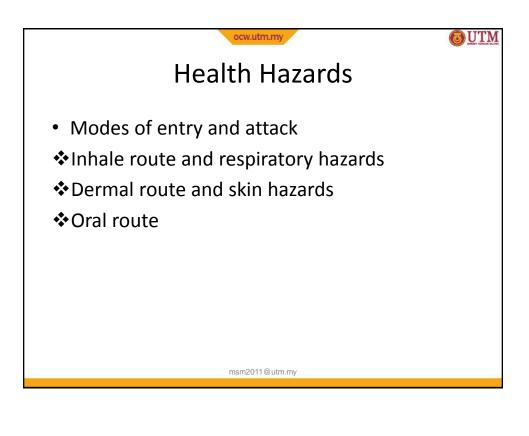
- Bursitis (knee)
- Bronchitis and pneumonia

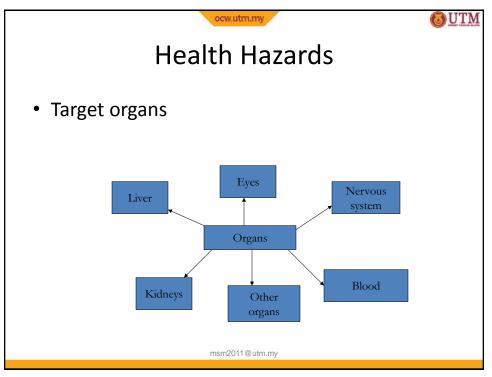




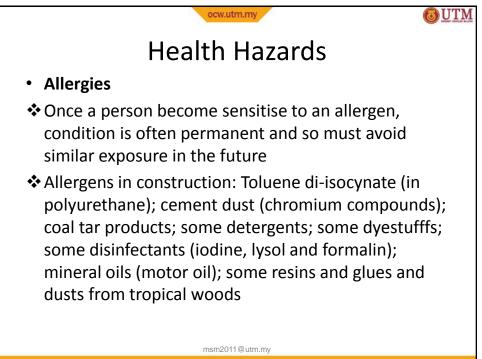


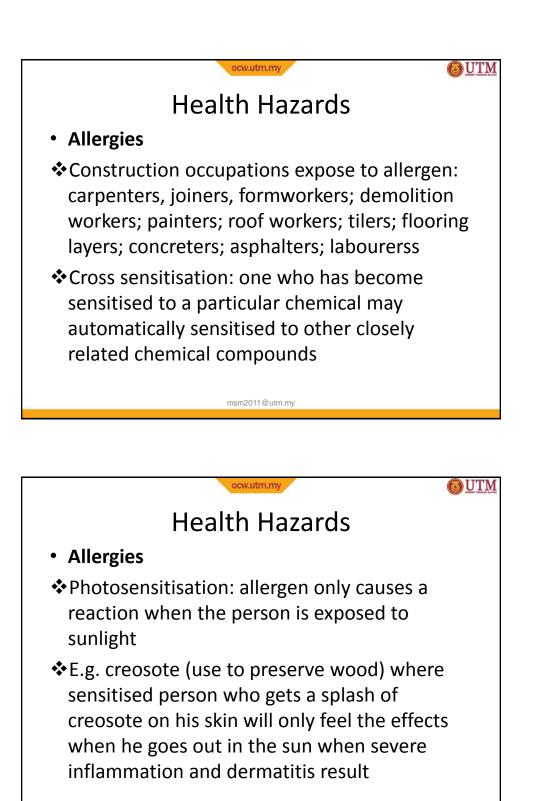




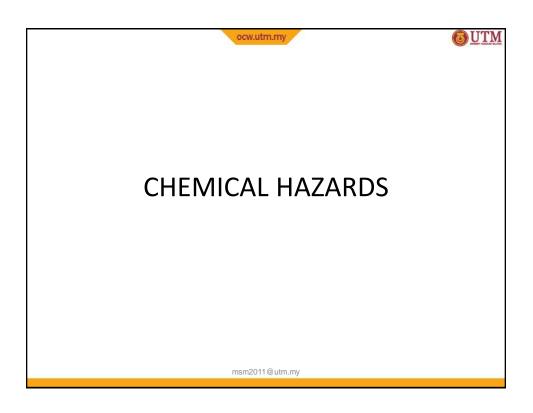


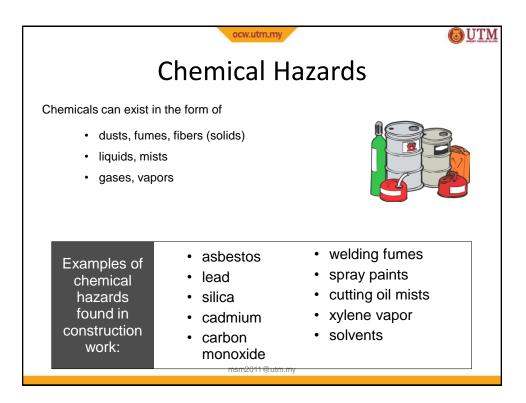


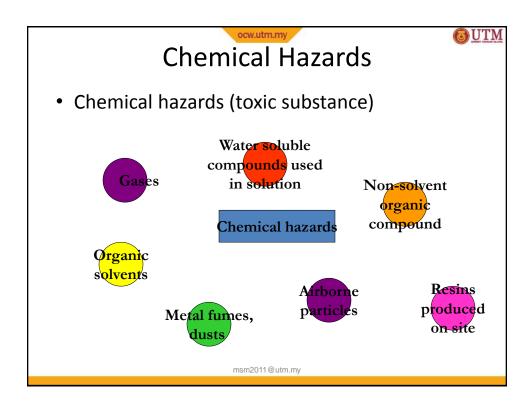


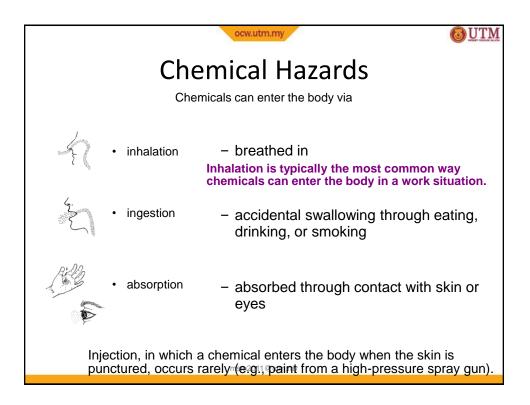


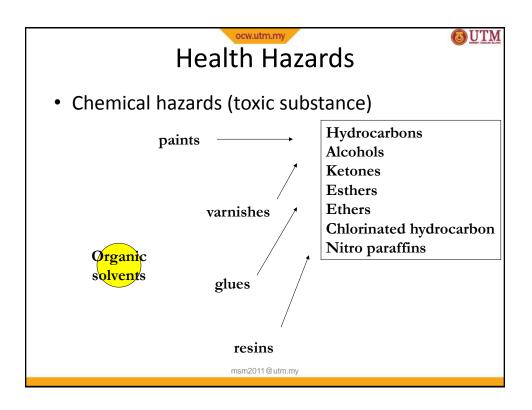
msm2011@utm.mv

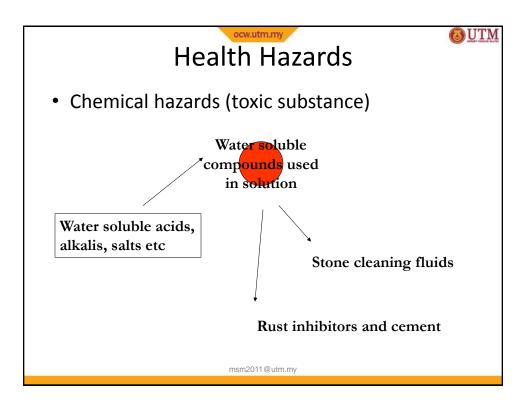


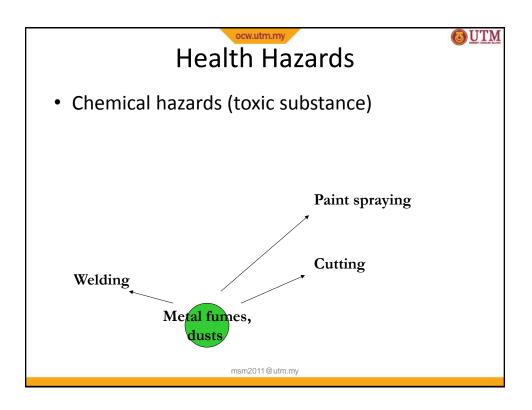


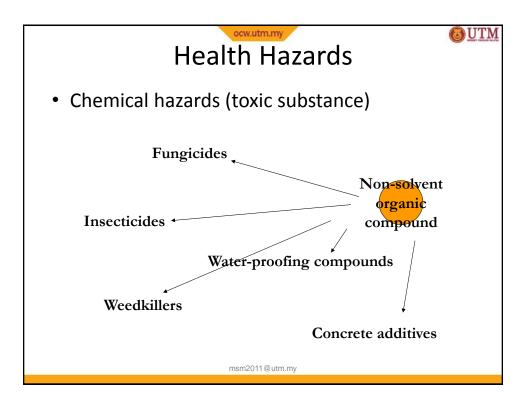


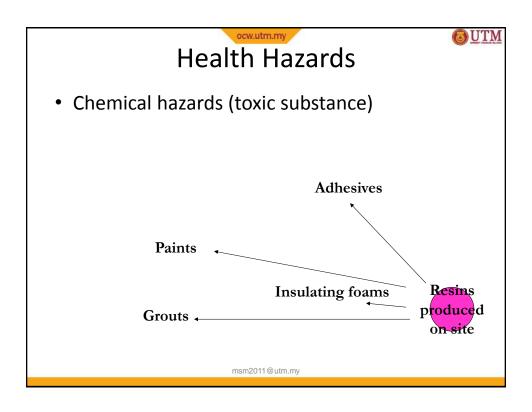


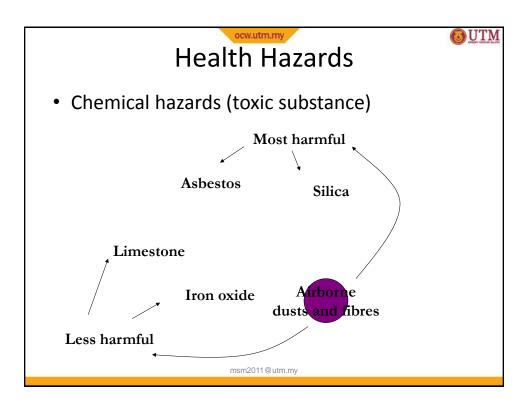


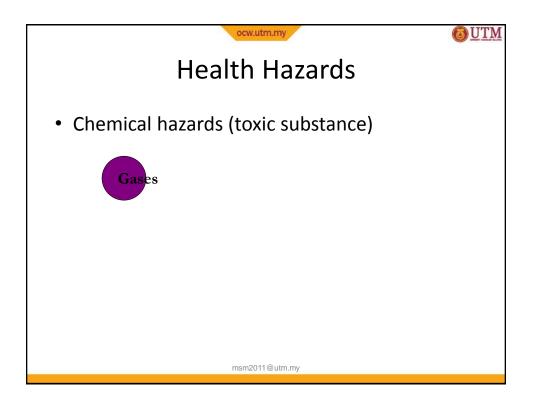


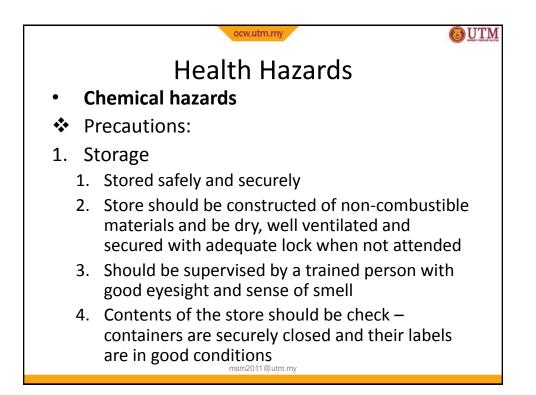


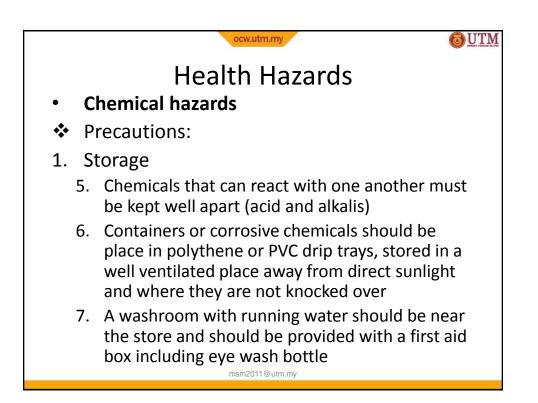


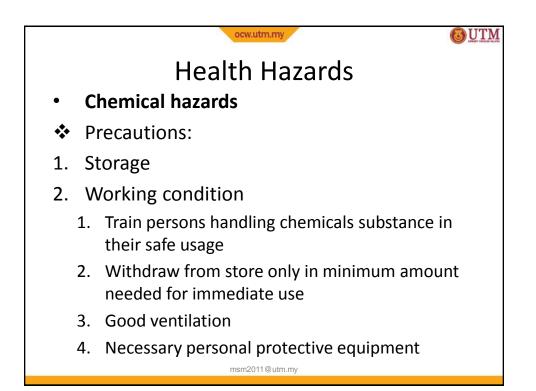


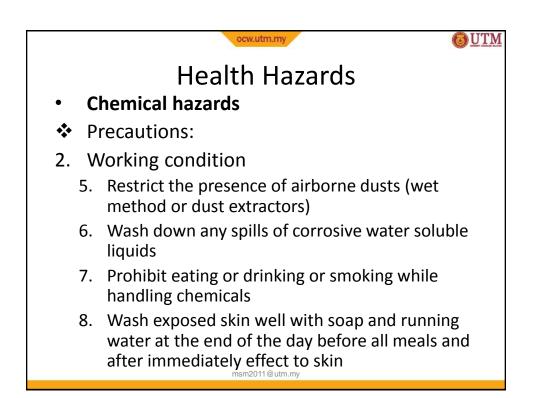


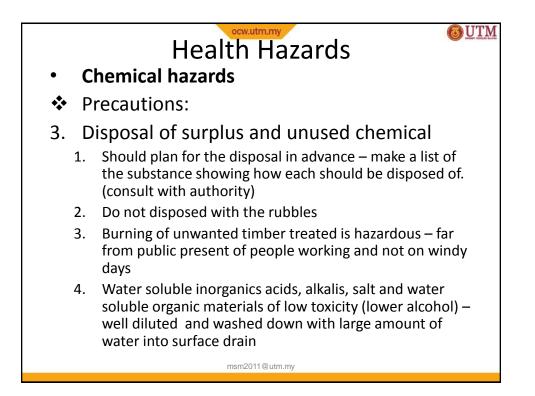


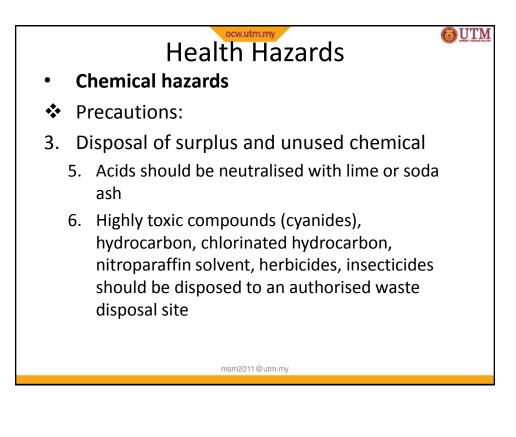


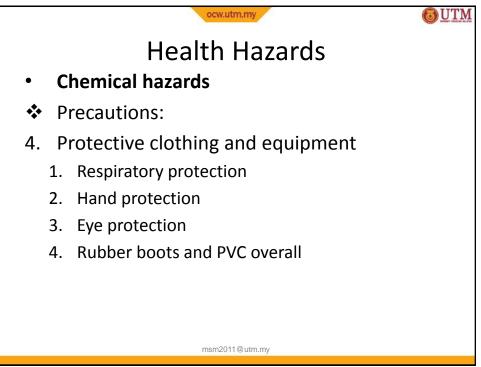


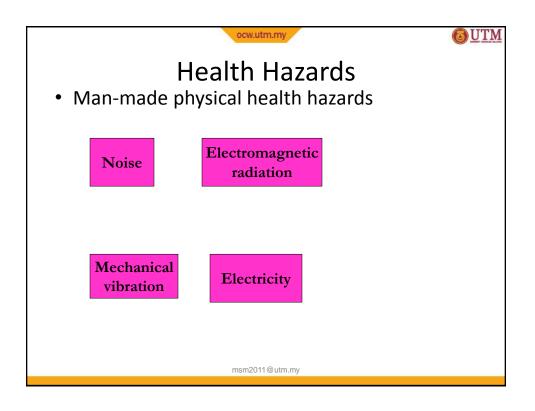


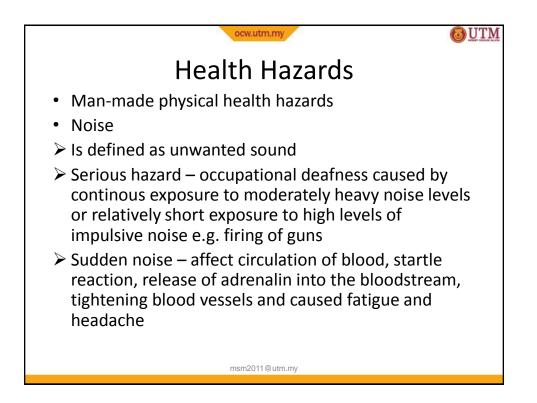


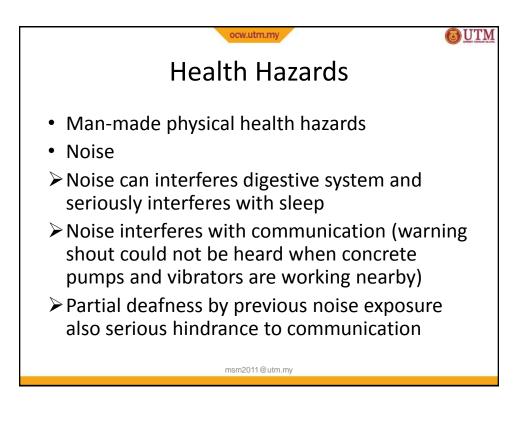


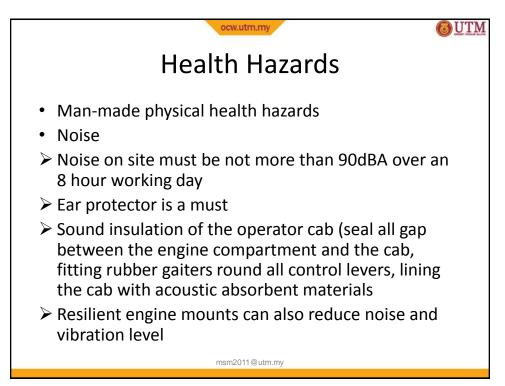




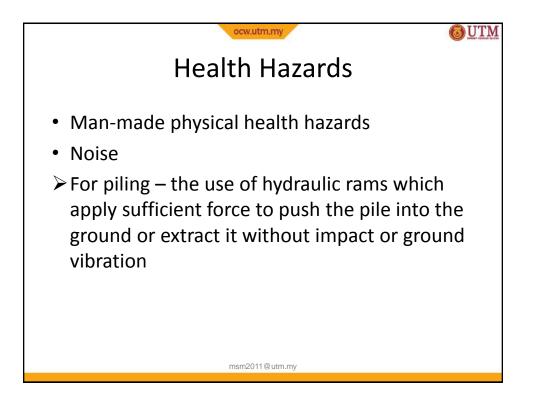




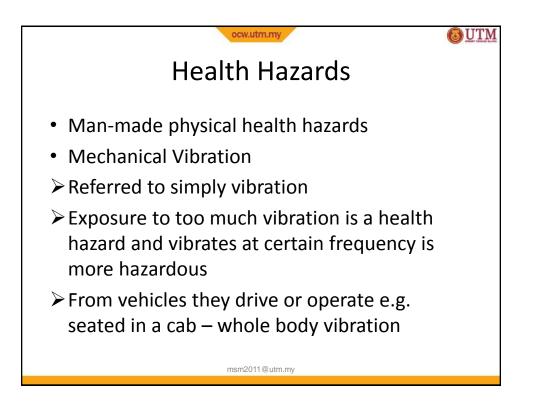


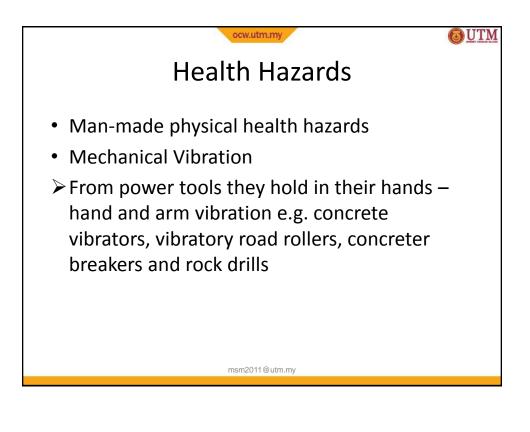


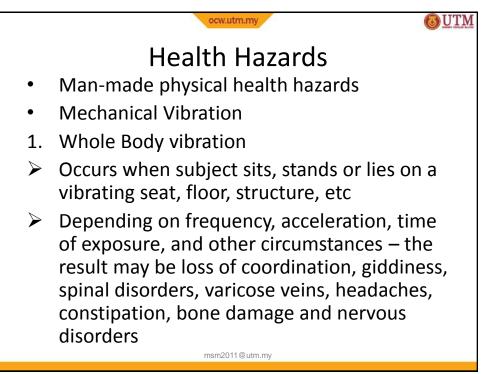


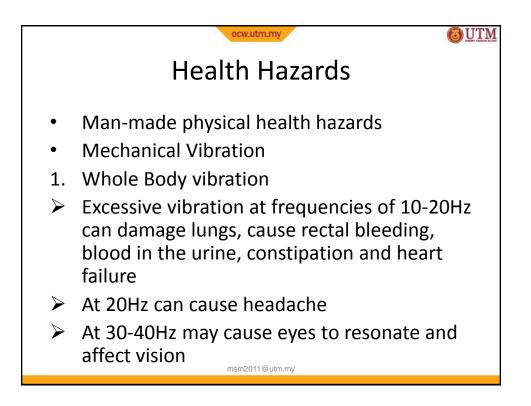


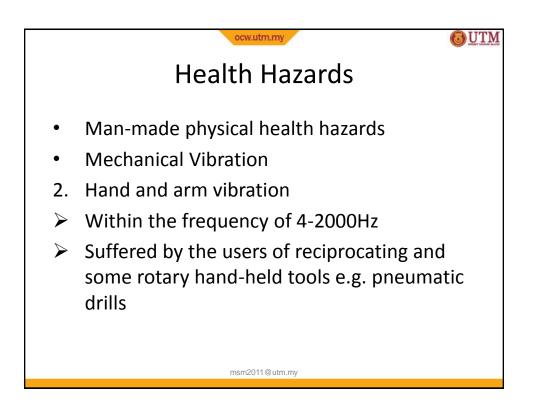


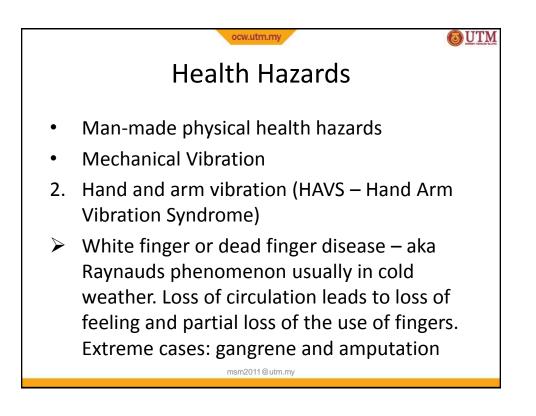


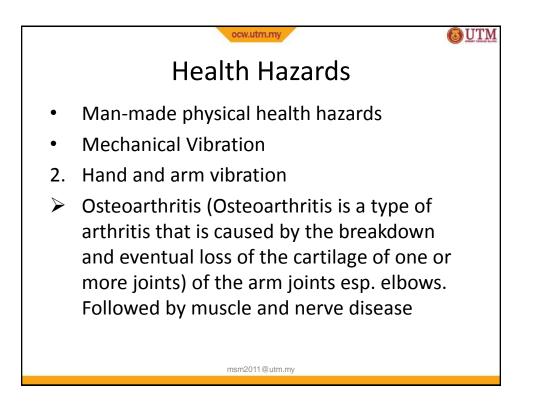


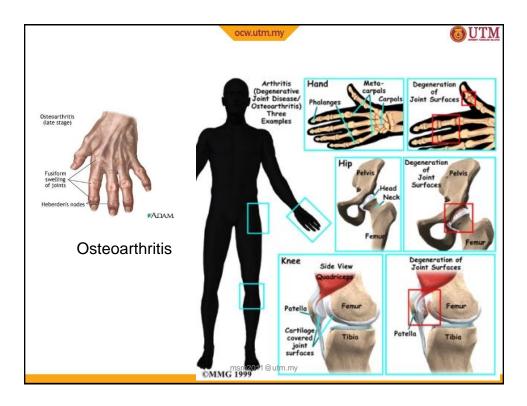


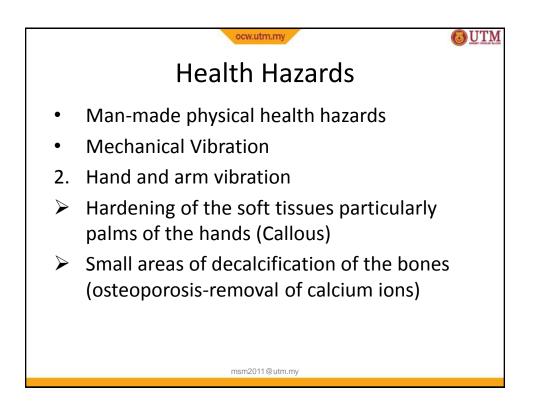


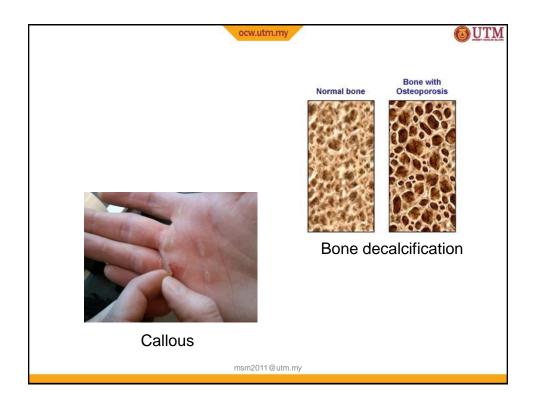


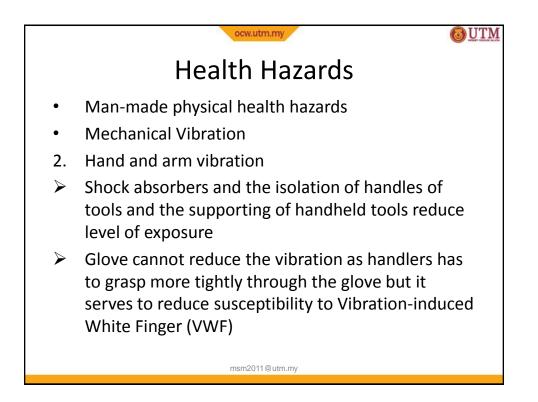


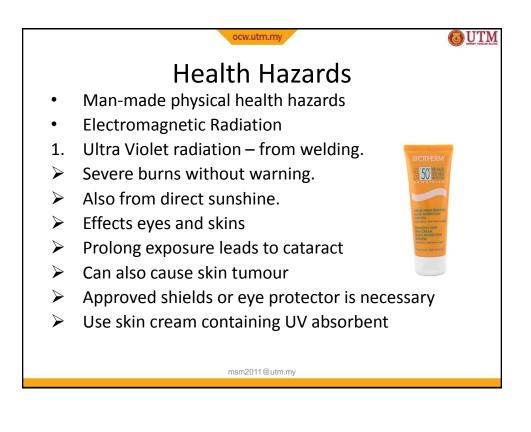


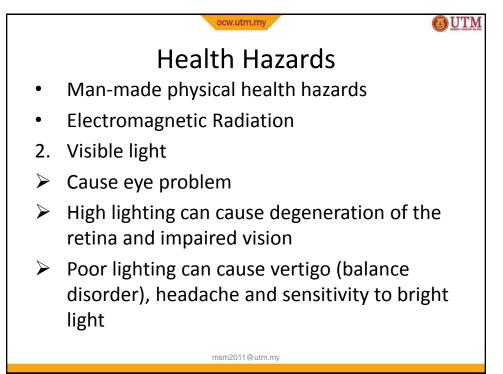


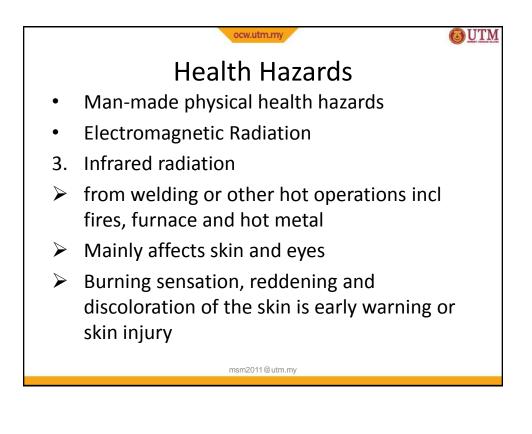


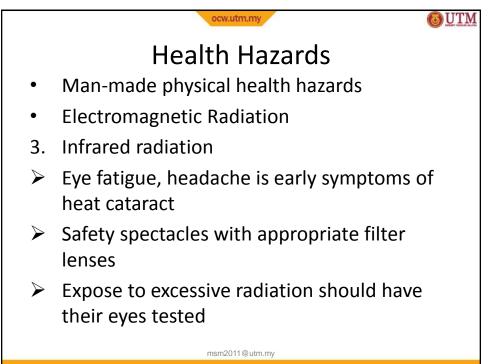


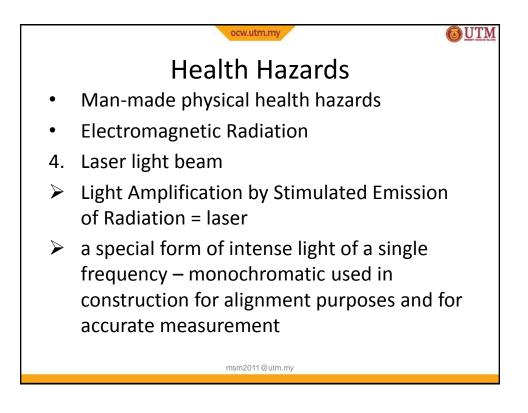


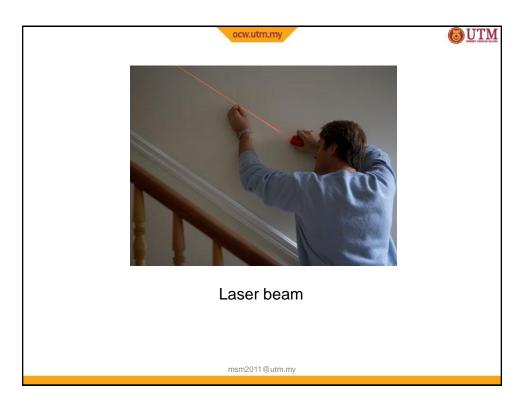


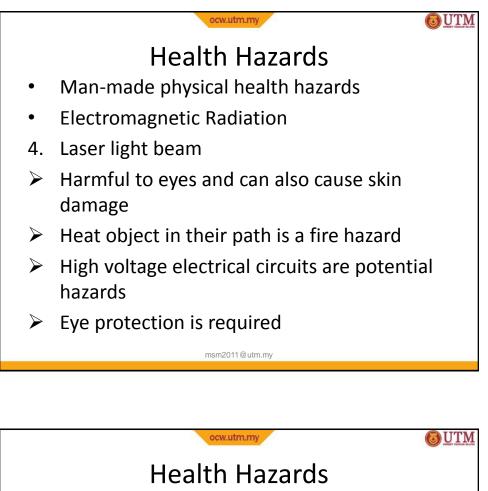




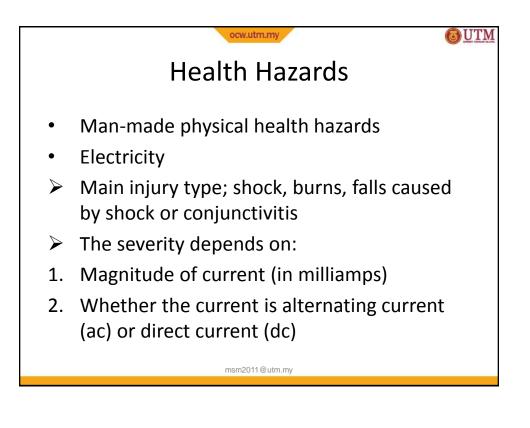


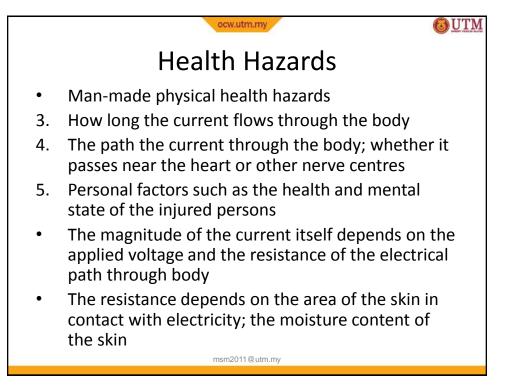


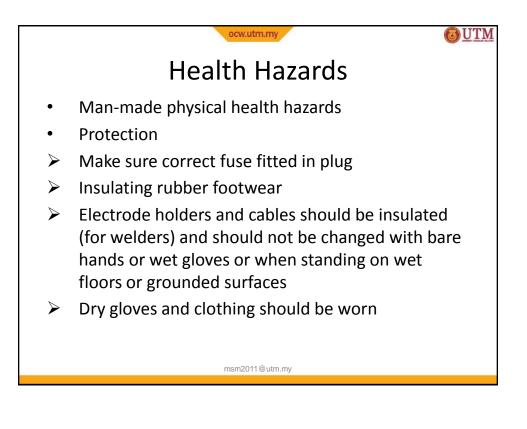


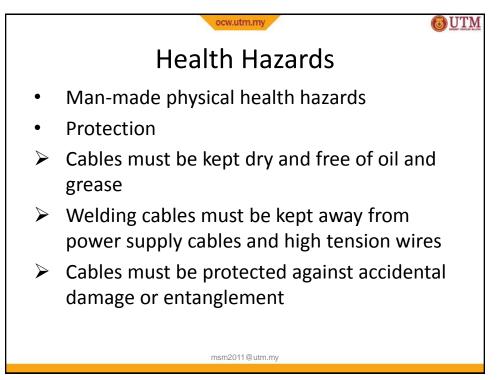


- Man-made physical health hazards
- Electromagnetic Radiation
- 5. Ionising radiation from sealed radioactive sources
- Gamma radiation used in the inspection of welds and in metal thickness gauges
- Radioactive material are sealed inside special capsule
- Should be handled by professional, trained inspectors
- Protection: limited time of exposure, maintaining maximum distance from source, the use of shielding between source and the person exposed which absorbs the radiation



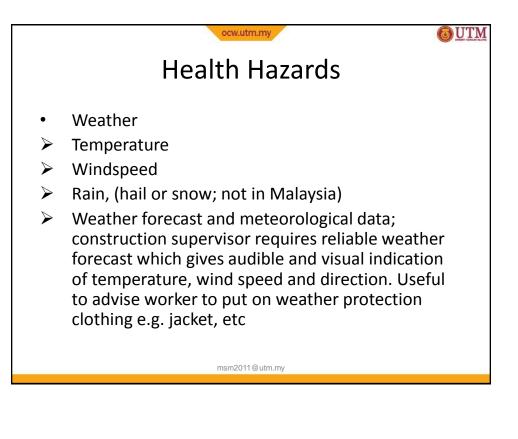


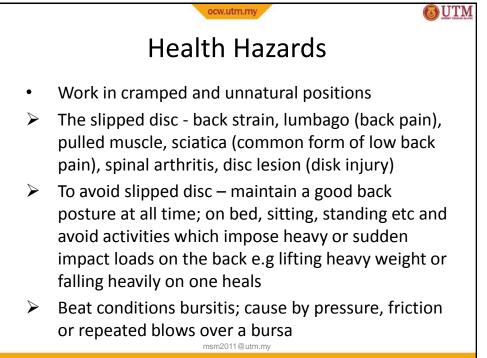


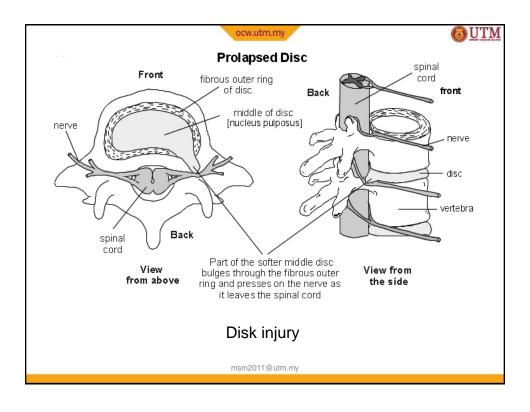


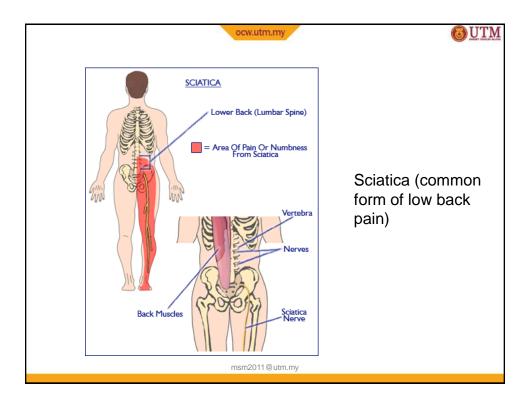


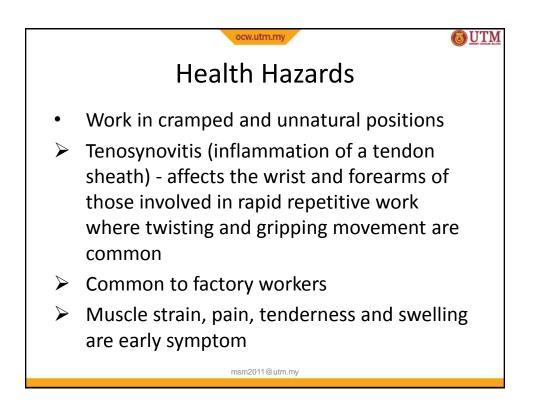


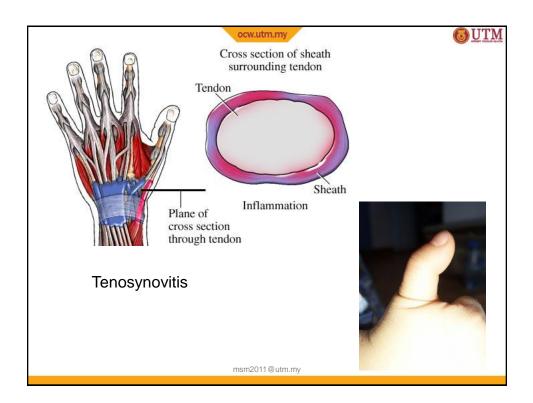






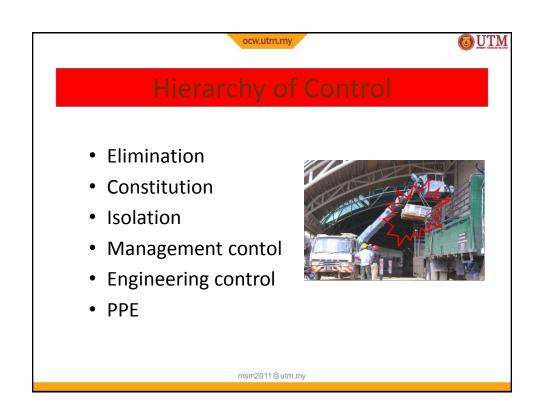












	ocw.utm.my
S	OURCES OF HAZARDS
Man	Unsafe acts
Machinery	Installation, layout and design of equipment
Materials	Substances such as chemicals and gases use in the workplace
Method	The way people carry out their work
Media	Workplace condition i.e. air quality, ventilation, lighting, noise, vibration etc.
	msm2011@utm.my



Example of Potential Sources of Hazards th points, sharp points and edges, load or force a tool beyond its
load or force a tool beyond its
abilities and grinding wheel without rd
trical cord insulation damaged, trical face plate or cover broken or sing and fan cord insulation pulled e
osed to airborne and blood borne ses, bacteria and fungus

Classification and Potential Sources of Hazards	
Classification of Hazards	Example of Potential Sources of Hazards
Chemical	Exposed to carcinogens chemicals, sensitizers and corrosive chemicals.
Ergonomics	Repeated exposure to unnatural postures and unnatural movement, wrong design of workstation, tools and task.
Psychological	Stress, sexual harassment and violent at work.

