

## SAFE102 Electrical Safety Questions

- Q1. What are electrical risks?
- Q2 Who must manage electrical risks?
- Q3 What is required to manage electrical risks?
- Q4.Explain “ Identify the hazards”
- Q5.Explain “Assess the risks”
- Q6.Explain “Control the risks”
- Q7.Write “Inspecting and testing electrical equipment”
- Q8.What is Residual current devices (RCDs)?
- Q9.Explain “General principles – verification of de-energised electrical equipment”
- Q10. What is SAFE WORK METHOD STATEMENT?
- Q11.What is Personal protective equipment (PPE)?
- Q12. Write INITIAL ASSESSMENT and WORK DE-ENERGISED in PREVENTATIVE ACTIONS CHECKLIST

## SAFE103 Construction Safety Questions

### Construction safety introduction

- Q1 Define the construction work
- Q2.What is High risk construction work?
- Q3.What are Requirements for carrying out construction work>?

### Confined Spaces

- Q1. What is a confined space?
- Q2. Who has health and safety duties in relation to a confined space?
- Q3. What is required in managing risks?
- Q4. How to determine whether a space is a confined space?
- Q5 Explain “Eliminating or minimising the need to enter a confined space”

### Demolition works

- Q1. What is demolition work?
- Q2. What is required to manage the risks associated with demolition work?

Q3.Explain “CONSULTING YOUR WORKERS”

Q4.Explain “CONSULTING, CO-OPERATING AND CO-ORDINATING ACTIVITIES WITH OTHER DUTY HOLDERS”

Q5.Explain “Assessing the risks in demolition work

### Excavation work

Q1. What is excavation work?

Q2. Who has health and safety duties in relation to excavation work?

Q3. What is required to manage risks associated with excavation work?

Q4.How will you plan the excavation work?

Q5.How will you prevent the following potential hazards?

- Ground collapse
- Water
- Falls
- Hazardous manual tasks
- Airborne contaminants
- Buried contaminants
- Underground services

Q6.Sketch the followings

- STEEL SHEET PILING
- STEEL TRENCH SHEETING
- TIMBER SOLDIER SETS
- GROUND ANCHORS
- Shields and boxes

### Managing-the-risk-of-falls-at-workplaces

Q1. What is required to manage the risk of falls?

Q2. How will you to identify fall hazards?

Q3. How will you assess the risk?

Q4.Explain “Eliminating the need to work at height”

Q5.Explain “Work on a solid construction”

Q5.What are important facts in SCAFFOLDING?

Q6.What is LIGHT DUTY SUSPENDED SCAFFOLD?

Q7.Explain ELEVATING WORK PLATFORMS with diagram

Q8.Explain Safety mesh.

## Preventing-falls-in-housing-construction

Q1.What are the Potential falls in the housing construction industry ?

Q2. What is required to manage the risk of falls?

Q3.What is STRUCTURAL STRENGTH?

Q4.Write EDGE PROTECTION CHECKLIST

Q5.Explain Temporary work platforms

Q6.Sketch TRESTLE SCAFFOLDS

Q7.Write ELEVATING WORK PLATFORM CHECKLIST

Q8.What is Catch platforms?

Q9.Explain Individual Fall-Arrest Systems

Q10.Write SAFETY NET CHECKLIST

## Safe\_design\_of\_structures

Q1. What is safe design?

Q2.What are METHODS OF TRANSFERRING INFORMATION?

Q3.Explain

- Conceptual and schematic design phase.
- Design development phase

Q4.Write “Design for safe construction”

Q5. What is Design for safe maintenance?

Q6.Write SAFETY IN DESIGN CHECKLIST

## SAFE104 Chemical Safety

Q1.What are the Examples of chemicals that can cause adverse health effects?

Q2.What are the Examples of chemicals that can immediately injure people or damage property?

Q3.Describe Managing the risks associated with hazardous chemicals

Q4.What are the Work health and safety duties for hazardous chemicals?

Q5.What are the duties of suppliers and importers who provide the hazardous chemicals?

## Additional Reading

### Hazardous Chemical Information System (HCIS)

HCIS is an internet advisory service that assists you to find information on chemicals that have been classified in accordance with the Globally Harmonized System of Classification and

Labelling of Chemicals (GHS) by an authoritative source, such as the European Chemicals Agency (ECHA) or the National Industrial Chemicals Notification and Assessment Scheme (NICNAS).

HCIS is provided for guidance only and is not a comprehensive database of all hazardous chemicals. Safe Work Australia monitors the quality of the information available on HCIS and updates the information regularly. However, Safe Work Australia does not make any representation or warranty about the accuracy, reliability, currency or completeness of any material contained within HCIS. The classifications in HCIS may include hazard properties which are not recognised under the model Work Health and Safety Regulations, including environmental hazard properties, and may not include hazard properties if they have not been assessed by the authoritative source.

It is the responsibility of the Australian manufacturer/importer to determine if their product is a hazardous chemical and if so, to correctly classify their product. If you are unsure about the classification of a chemical not included in this database you should contact your chemical supplier or the manufacturer/importer for more information or source independent professional advice.

HCIS also includes workplace exposure standards (WES). Mandatory exposure standards are also listed in the legal document Workplace Exposure Standards for Airborne Contaminants. No exposure standard should be applied without reference to the Guidance on the Interpretation of Workplace Exposure Standards for Airborne Contaminants and to the related documentation.

HSIS Consolidated List

[www.iqytechnicalcollege.com/HSISConsolidatedList.pdf](http://www.iqytechnicalcollege.com/HSISConsolidatedList.pdf)

Safety Data Sheet

[www.iqytechnicalcollege.com/SDS.pdf](http://www.iqytechnicalcollege.com/SDS.pdf)

Labelling Chemicals

[www.iqytechnicalcollege.com/LabellingChemicals.pdf](http://www.iqytechnicalcollege.com/LabellingChemicals.pdf)

Classification of Chemicals

[www.iqytechnicalcollege.com/ClassificationofChemicals.pdf](http://www.iqytechnicalcollege.com/ClassificationofChemicals.pdf)

## **SAFE105 Environmental Safety**

Q1.Explain Environmental Health and Safety Policy

Q2. Explain the importance of Planning in Environmental Health and Safety

Q3.What should be included in design of management arrangements regarding Environmental Health and Safety?

Q4.Describe CHEMICAL HYGIENE PLAN.

Q5.Write basic guidelines for maintaining a safe laboratory environment

Q6. How will you avoid the routine exposure to hazardous chemicals?

Q7.Explain General Housekeeping Practices in the Laboratory.

Q8. Write Chemical Storage

Q9. Write the important process in Transporting, Transferring, and Shipping Chemicals.

Q10. Describe LABORATORY INSPECTION PROGRAM

### SAFE106 Mechanical Safety

#### Hazardous-manual-tasks

Q1. What is a musculoskeletal disorder (MSD)?

Q2. What is a hazardous manual task?

Q3. Who has health and safety duties in relation to hazardous manual tasks?

Q4. What is required to *manage the risk* of musculoskeletal disorders?

Q5. How will you identify hazardous manual tasks?

Q6. Explain the Characteristics of Hazardous Manual Tasks

Q7. How will you do a risk assessment for hazardous manual tasks?

Q8. What are the risk factors?

Q9. What are the sources of the risk?

Q10. How will you consider the system of work ?

Q11. Explain Changing the design or layout of work areas

Q12. Explain Changing the nature, size, weight or number of items handled

Q13. Explain Using mechanical aids

Q14. Explain Changing the work environment

Q15. What are to be included in THE RISK MANAGEMENT PROCESS FOR MANUAL TASKS?