201: Health and safety in building services engineering  
**Worksheet 1: Health and safety legislation**

**Answer guide**

Using your notes and the internet (refer to Resource 1: Useful health and safety legislation websites), answer the following questions.

1. **Who and what, according to the Health and Safety at Work etc Act, are:**
   1. the employees’ responsibilities with regard to health and safety?

They are responsible for themselves and others.

* 1. the employers’ responsibilities towards the employees?

They are responsible for all aspects of health and safety.

1. **Under the Electricity at Work Regulations, state:**
   1. when live working is permitted.

Only in exceptional circumstances where it is not possible to work dead.

* 1. the regulation that provides a defence, provided that all practical steps have been taken.

Regulation number 29.

* 1. what must be provided in the way of isolation.

A means of separation from all energy sources (Reg. 12).

* 1. in what conductor protective devices must be inserted.

Line conductor.

* 1. the requirement for equipment to be maintained.

Regulation 4.

1. **State the main requirements of the Management of Health and Safety at Work Regulations.**

Avoiding and evaluating risks.

1. **Which regulations cover the provision of health, safety and welfare in the workplace?**

The Health, Safety and Welfare in the Workplace regulations.

1. **Identify five common materials which come under the Control of Substances Hazardous to Health (COSHH) regulations.**

Oils, solvents, sprays, petrol, adhesives, chemicals, etc.

1. **According to the Working at Height Regulations state:**
   1. the minimum height at which precautions should be taken.

There is no minimum height. Each situation must be assessed, including working underground.

* 1. the duty holders’ responsibilities.
* All work at height is properly planned and organised.
* All work at height takes account of weather conditions that could endanger health and safety.
* Those involved in work at height are trained and competent.
* The place where work at height is done is safe.
* Equipment for work at height is appropriately inspected.
* The risks from fragile surfaces are properly controlled.
* The risks from falling objects are properly controlled.

1. **Under the Personal Protective Equipment at Work Regulations, name four pieces of typical PPE required when working on a construction site.**

Boots, overall, hard hat, gloves, glasses, etc.

1. **What percentage of accidents is caused by manual handling, as recorded for 2001/2 under the Manual Handling Operations Regulations (do a search in the HSE website)?**

38%

1. **State the main difference between the terms ‘statutory’ and ‘non‑statutory’.**

Statutory means that it is binding in law and is a criminal act to contravene it, whereas non‑statutory regulations are not legally binding.