201: Health and safety in building services engineering  
**Worksheet 2: Hazards**

**Answer guide**

Using your notes and the internet answer the following questions.

1. **With regards to risk assessments, define what is meant by a ‘hazard’:**

|  |  |
| --- | --- |
|  | **A Hazard is a potential source of harm or adverse health effect on a person or persons** |

1. **With regards to risk assessments, define what is meant by ‘risk’:**

|  |  |
| --- | --- |
|  | **A Hazard is a potential source of harm or adverse health effect on a person or persons** |

1. **Describe a means by which people can be protected from electric shock by direct contact:**

|  |  |
| --- | --- |
|  | **Provide ingress protection (e.g. enclosures) to prevent people touching live parts.** |

1. **Describe a means by which people can be protected from electric shock by indirect contact:**

|  |  |
| --- | --- |
|  | **Earthed equipotential bonding and automatic disconnection of supply by using Residual Current Devices (RCDs).** |