201: Health and safety in building services engineering  
**Worksheet 13: Dealing with hazards**

**Answer guide**

Using your notes and the internet answer the following questions.

1. **List THREE hazards resulting from lubricants:**

|  |  |
| --- | --- |
|  | * **slip hazard, when spilt on surfaces** * **dermatitis** * **flammability** |

1. **Draw a circuit diagram of a typical site transformer with a 230 volt input and 110 volt output:**

|  |  |
| --- | --- |
|  | 240-110 Transformer.jpg |

1. **List the visual checks that should be made on a piece of portable electrical equipment before using it:**

|  |  |
| --- | --- |
|  | * **checking for a valid PAT label** * **inspection for general condition to include:**   + **any damage to equipment casing**   + **any damage to the flexible cord (lead)**   + **any damage to the plug top and any obvious connection issues, eg cord grip not properly used.** |