## 114636 practical /Workplace Project

1. Investigate your place of work and explain which of the following causes problems with the computer hardware. You also have to explain why you think so.

* Overheating
* Dust
* Electrical spikes
* Thermal creep

1. What is done to prevent this? What other suggestions can you make to prevent damage to the computers?
2. What is used to prevent ESD?
3. Investigate the fire fighting equipment at work. Which types of fires do you have fire fighting equipment for? Do you think you need more types of equipment? Why?

Make sure learner’s work covers all the above actions

## Observation

This is a verbal and a practical assessment. You have to demonstrate and explain the following to your facilitator, who will mark you using the observation sheet.

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| Action: did the learner | Y | N | | Comments – note how many causes, actions, etc. the learner was able to explain/demonstrate |
| Demonstrate the causes of computer hardware maintenance |  |  | |  |
| Explain and demonstrate preventative measures |  |  | |  |
| Identify potential hazards to the computer environment |  |  | |  |
| Explain safety measures that can be taken |  |  | |  |
| Explain and demonstrate how to handle the CPU battery |  |  | |  |
| Explain and demonstrate how to handle a hard drive |  |  | |  |
| Explain and demonstrate how to handle a motherboard |  |  | |  |
| Explain and demonstrate how to handle DVD Drive |  |  | |  |
| Explain and demonstrate how to handle the power unit |  |  | |  |
| Explain and demonstrate how to handle a toner cartridge |  |  | |  |
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| Learner signature | | | Facilitator signature | |
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| Date | | | Date | |

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| Logbook 114636 | | | | |
| **Date** | **Assignment No** | **Start** | **Finish** | **Total Hours** |
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