# 259602 Formative Assessment

#### Lesson 1 – Noise in a Workplace

#### Assessment Activity 1.

What is the effect of persistent exposure to noise machinery or loud music? **SO 1, AC 2**

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#### Assessment Activity 2.

Complete the following table on how noise is measured. **SO 1, AC 2**

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| Source | Sound Pressure Level (SPL) |
| Library |  |
| Conversation |  |
| Loud radio |  |
| Busy street |  |
| Heavy lorry @ 7 metres |  |
| Disco / nightclub |  |
| Metal workshop |  |
| Jet aircraft @ 25 metres  |   |

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#### Assessment Activity 3.

Using your own workplace as a guide – establish how much noise the employees are exposed to on a daily basis. **SO 1, AC 3**

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#### Lesson 2 – Sources of Noise

#### Assessment Activity 4.

If high risk exposure times are exceeded, there is a significant possibility of hearing damage. What are the actions needed to be taken by the employer: **SO 2, AC 1**

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#### Assessment Activity 5.

In a warehouse, the Goods Inwards section opens out to a loading bay. Trucks back on to this all day long. Members of staff are always at hand to check and sign paperwork, and help unload the goods. The trucks have their engine on for a total of 3 hours a day, and all staff working in Goods Inwards are affected equally. Using your meter guideline in the previous section, establish how long the source is used during the day and which members of staff are close to it. What is the noise level? **SO 2, AC 2**

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#### Lesson 3 – Protective Measures

#### Assessment Activity 6.

With the assistance of your workplace mentor, establish the protective measures that can be taken in your own workplace against the exposure of noise. **SO 3, AC 1**

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#### Assessment Activity 7.

Referring to Activity 6, explain how the protective equipment (if required) is used and stored in your own workplace. **SO 3, AC 2**

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