**Week 4 Exercise 24 25 26 and SDL Worksheet**

Exercise 24

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| What is a Supplier Declaration of Conformity (SDoC)? |

Exercise 25

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| Do all electrical appliances need to be certified under the Electricity Act in New Zealand?  |

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| Does an appliance need to be connected to mains electricity to be considered an electrical appliance under the Electricity Act in New Zealand?  |

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| What are some examples of electrical appliances under the Electricity Act in New Zealand?  |

Exercise 26

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| * + 1. According to Section 1.4 of the NZ Wiring Rules, what are the requirements for ensuring the safety of electrical appliances during installation?
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| * + 1. What are the requirements for selecting electrical equipment for installation, as specified in Section 3.3.1 of the NZ Wiring Rules?
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| * + 1. According to Section 5.2.2.2 of the NZ Wiring Rules, what are the requirements for installing electrical equipment in hazardous areas?
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| * + 1. What are the requirements for conducting insulation resistance testing on electrical installations, as specified in Section 8.4.4 of the NZ Wiring Rules?
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| * + 1. According to Section 10.3.3 of the NZ Wiring Rules, what are the requirements for labelling electrical equipment and installations?
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| * + 1. What are the requirements for selecting cable types and sizes for electrical appliance installations, as specified in Section 3.5.3 of the NZ Wiring Rules?
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| * + 1. What are the requirements for installing electrical equipment in wet areas, as specified in Section 5.3.2 of the NZ Wiring Rules?
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| * + 1. According to Section 6.1.1.1 of the NZ Wiring Rules, what are the requirements for protecting electrical installations against overcurrent?
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| * + 1. According to Section 8.1.1 of the NZ Wiring Rules, what are the requirements for conducting visual inspections of electrical installations?
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| * + 1. What are the requirements for installing electrical equipment in explosive atmospheres, as specified in Section 10.1.1 of the NZ Wiring Rules?
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Self-directed Learning

You are an electrical apprentice who has just completed a wiring job for a new home. Your boss asks you to provide a Certificate of Compliance (CoC) and an Electrical Safety Certificate (ESC) for the work done. Write a brief explanation of what each certificate is, what they cover, and how they are different from each other:

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| Certificate of Compliance (CoC) is a document that certifies that … |

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| An Electrical Safety Certificate (ESC) is a document that certifies that … |

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| The key difference between the two certificates is that … |