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Talk No. 16				CTRICITY
Start time		End		Duration

1. Introduction:

- 1.1 Electricity is silent, so it is often fatal, so it deserves the utmost respect. Never ever assume a circuit is dead and never assume a circuit is

2. Main Points:

- 2.1 The lowest practical voltage should be used on construction sites
- 2.2 Only suitable and approved equipment should be used
- 2.3 Suitable protection should be provided

3. Points to remember

- 3.1 Electrical cables should be protected from damage and damp (which also reduces insulation resistance)
- 3.2 Carry out visual checks of cables — if any damage is identified then remove the cable from service and replace it as soon as practicable to avoid damage and
- 3.3 Any cable joins must be made using proper blocks, not just insulating tape.
- 3.4 Never use lighting sockets for anything other than lighting.
- 3.5 Ensure cables are loosely supported — they should not be pulled taut.
- 3.6 The inner insulation should be visible — the outer insulation should extend into the grip — fully utilise cable grips.
- 3.7 Blown fuses should be replaced with the correct rating — never make do with a “bodge”. (Note: If a fuse blows again then it is indicative of a problem and should be investigated by a competent person or an electrician.)
- 3.8 For electrical maintenance, the mains supply is disconnected.
- 3.9 Never overload electrical circuits — 13A per socket!
- 3.10 Where “emergency” lighting is used, ensure they are tested regularly.

Notes

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ATTEN **SHEET**

Talk No. 16			ELECTRICITY
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All operatives **listed and signed** below

Date

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