

18.1.23 Welding and Use of LPG

- A. Ensure that all welding operators are properly trained in the safe use and maintenance of welding equipment.
- B. Regulators must always be fitted to cylinders to reduce the gas pressure to the blowpipe.
- C. Ensure correct colour coding of cylinders and always transport in an upright position.
- D. Keep and use cylinders fixed upright, in purpose made trolleys.

18.1.24 Fixed and Temporary Electrical Distribution Systems

- A. Ensure system is designed with due consideration of its purpose, external influences, compatibility of equipment and maintainability of equipment used.
- B. The Contractor shall appoint, in accordance with ADWEA regulations a "Competent person" who shall be responsible for the installation, its use and modification during the construction phase of the contract. The name of the designated person shall be prominently displayed close to the main switch or circuit breaker controlling the installation.
- C. The Contractor shall ensure appropriate "Electrical safety and first aid" signs are displayed.

18.1.25 Guarding Of Machinery

- A. Every moving part of machinery such as V belts, chains, drive shafts etc. must be effectively guarded at all times.
- B. Guards must be so designed so that they cannot easily be removed.
- C. Power tools such as grinders, cutters etc. whether electrically or air operated, must have a guard fitted which as a minimum must protect half the diameter of the cutting or grinding wheel.

18.1.26 Power Operated Tools

- A. All electrical power tools shall be low voltage.
- B. The Contractor shall ensure that all operators are properly trained in their safe use and maintenance.
- C. All external switching devices, protection devices, plugs and sockets must be weatherproof IP 55 minimum.