

festoon cables for power collection shall be used. Two padlockable crane supply isolators shall be fitted, one on the crane mounted control panel and the second at ground level to isolate the supply to the conductor rails. A "supply on" light shall be fitted on both isolators.

1.2.20.2 Overhead Runway Beams

- A. Straight and curved overhead runway beams shall be designed in accordance with BS 2853.
- B. The maximum deflection of the runway beams shall not exceed 1/500 of the span under the test load. All beams shall have an even and level running surface particularly on the inside running flanges where travelling trolleys are to be used. End stops shall be provided

1.2.20.3 Lifting Blocks, Trolleys, Hooks, Ropes, Eyebolts, Shackles, Fall Arrest Systems

- A. All lifting blocks, trolleys, hooks, ropes, eyebolts and shackles shall comply with the latest relevant British Standard. This includes all eyebolts supplied with plant, e.g., motors and pumps.
- B. All hooks (suspension and load) shall be fitted with safety catches. All hooks on cranes and lifting blocks shall be fitted with swivel bearings. The hook block shall incorporate fully guarded sheaves.
- C. Lifting blocks can be either chain or wire rope units. All blocks shall be fitted with sufficient chain or rope to allow the lifting hook to reach lowest plant level. All chains and ropes shall have the 'loose' end securely fixed to the lifting block. Chain units shall have a reliable braking and locking arrangement on the hoisting mechanism. A chain box shall be fitted to hold the excess chain. An over hoist device shall be fitted to all electric hoists.
- D. Electric hoist equipment shall be installed for lifting applications with the following conditions:
 - For plant & equipment above 1000 kg, with a lift height in excess of 3m.
 - Where the operation of manual lifting equipment or chain blocks for a single lift cannot be undertaken in 10 minutes.
 - An electric traverse shall also be provided for electric hoist equipment having a traverse distance in excess of 6m.