5135. The Contractor shall submit full technical details of his proposed procedures prior to seeking approval

2. Hot rolled high yield bars shall not be straightened or bent again, having once been bent. If the Engineer gives approval to bend mild steel reinforcement projecting from the concrete, the internal radius of bend shall not be less than four times the nominal size of the bar.

C. Placing and Fixing Reinforcement

1. Reinforcement shall be placed and maintained in the position shown in the Contract Drawings. Unless otherwise permitted by the Engineer, all bar intersections shall be tied together using 1.2mm diameter steel wire and the ends of the tying wire shall be turned into the main body of the concrete
2. Spacer blocks or other supports approved by the Engineer, shall be provided and used to retain the reinforcement at proper distances from the forms. The contractor shall secure the cage/reinforcement by providing adequate supports. All reinforcement shall be so rigidly supported and fastened that displacement will not occur during construction. Reinforcing steel shall be inspected in place and must be approved by the Engineer before any concrete is deposited.
3. No splices shall be made in the reinforcement except where described in the Contract Drawings or where approved by the Engineer.
4. Reinforcement temporarily left projecting from the concrete at construction or other joints shall not be bent out of position during the periods in which concreting is suspended, except with the approval of the Engineer.
5. Minimum lap lengths are as follows unless otherwise noted in the contract drawings.

Table 2-1: Minimum Lap Lengths

Diameter (mm)	Lap Length (mm)	Diameter (mm)	Lap Length (mm)
8	400	20	1000
10	500	25	1250
12	600	32	1600
16	800	40	2000

6. The minimum lap length for deformed high yield bars and welded steel wire fabric reinforcement shall comply with BS EN 1992 C.3.12.8.

D. Electrical Continuity of Reinforcement

1. The Contractor shall provide and ensure the electrical continuity of all reinforcing steel.