



Uhde India Limited

**PART – II
SECTION-15
TECHNICAL SPECIFICATIONS
FENCING AND COMPOUND WALL**

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15.0 COMPOUND WALL

15.1 Items involved in compound wall shall refer to their relevant specs. as given below:

- Excavation and backfilling Sect. 1
- Concreting Sect. 2
- Masonry Sect. 3
- Pointing & Plastering Sect. 3
- Reinforcement Steel Sect. 4

15.2 CHAIN-LINK FENCE

15.2.1 Specifications for angle iron posts shall be same as for struct. steel work of Sect. 7.

15.2.2 Precast Concrete Posts -

- a) Concrete mix shall be M:15 as per IS:456.
- b) Reinforcement shall be M.S. or/and torsteel bars as per drawings.
- c) Posts shall be cast in smooth steel forms made to correct dimensions as per drawing and concrete shall be compacted by table vibrators or needle vibrator to give smooth finish.
- d) Curing of concrete shall be done by submerging the posts in water tank for 15 days minimum.
- e) Damage to the post shall be avoided during installation of the posts in position, aligning and levelling.
- f) Diagonal post bolted to the vertical posts shall be provided at every eighth bay and on either of the corner posts.
- g) Spacing of the posts shall be not greater than 3M c/c or as per drawing whichever is less.

15.2.3 All hardware used for bolting the posts or chain link shall be of hot-dip galvanised steel.

15.2.4 Chain Link:

- a) This shall be procured in rolls of appropriate length and width and shall consist of 10g hot dip galvanised steel wires woven in the form of zig zag mesh giving opening size of 50 mm sq.
- b) Chain-link shall be secured to the well wired and properly installed fence posts with G.I. hook bolts and washers as per drawing and 6 mm G.I. wire rod on every post.
- c) Tension wires shall be provided passing through the mesh at top, centre and bottom of the erected chain link mesh and shall be of 3 mm dia. hot dip galvanised wire and shall be stretched to keep the chain link in taut position.

15.3 BARBED WIRE FENCING

- a) Spec. for angle iron or concrete posts and G.I. hardware shall be same as for Sect. 15.2.
- b) Barbed wire shall be made from hot dipped galvanised wire of 12 g with bars of 16 g spaced at 100 mm c/c.
- c) Barbed wire shall be procured in bundles of standard weights and shall be fully stretched across the posts and secured with G.I. hook bolts and washers as per drg.
- d) Spacing of horizontal wires shall not be greater than 225 mm c/c or as specified in the drawing. Diagonal wires shall be provided in each bay between two adjacent posts. No wire shall be left loose or sagging.



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15.4

MODE OF MEASUREMENT

1. The payment for chain link fencing shall be on M² basis. Angle iron posts will be paid separately as per Sect. 7.
2. The payment for barbed wire fence will be on RM of barbed wire.

END