



**DALMIA CEMENT (B) LIMITED – CEMENT PLANT  
ARIYALUR  
CIVIL DEPARTMENT MANUAL**



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<b>Issued By: M.R</b>		<b>Approved By: HOD – CIVIL</b>	
<b>WORKING INSTRUCTION FOR CONCRETING FORMWORK &amp; PLACEMENT OF REINFORCEMENT</b>			

**PURPOSE:** Documented instructions for safe working of concreting, form work & reinforcement

**SCOPE:** Safe working of reinforced cement concreting in side Plant premises

**RESPONSIBILITY:** HOD (Civil) shall be responsible for approving the instructions and the section-In charge/area in charge shall be responsible for establishment and implementation of work-instructions

**PROCESS:** As follows,

1. Rigidness of form work – No nail should protrude from support and the form
  2. The form work shall be done as per drawing
  3. Reinforcement rod has been placed as per drawing
  4. Adequate number of cover blocks has been provided
  5. The reinforcement rods are firmly held in position
  6. Adequate staging and platforms are provided
  7. The approach area to be clear from all encumbrances and platforms if any, has to have proper handrail
  8. Sufficient place available for mason to stand and vibrate the poured concrete
  9. All workmen are wearing safety PPE
  10. Continuous supervision to be made available
  11. Necessary work permits has been obtained
  12. Mixer machine and vibrators are placed as close to as possible
  13. Check for adequacy of raw materials like sand, stone chips and cement
  14. Check for availability of adequate labour for leading the mixed concrete
- The design mix to be as per the specification. Ensure the concrete is made accordingly. Removal of form work to be done as per the instructions of section in charge