

OFFICE OF THE CHIEF ENGINEER (DESIGN)  
DELHI DEVELOPMENT AUTHORITY  
CENTRAL DESIGN ORGANIZATION



No: CE (D) T/C (1) 2871/CDO/DDA/97

Dated: 14 Feb., 2005

**Sub: Circular No. 24/CDO issued vide No. CE(D)/T/C/13/84/DDA/37 dated 17.1.2005.**

CDO has issued circular no. 24/CDO regarding special conditions for RCC work to be incorporated in the tender documents.

In case computerized plant is not arranged for RCC work by the contractor, ready mix concrete (RMC), shall be obtained from the company approved by the Chief Engineer, as per contents of the said circular.

As per Para 5.11.4.1 (b) & (c) CPWD Specifications 2002, the exact dosage of admixture of a particular brand shall be as recommended by supplier/manufacturer of the admixture, keeping in view the purpose to be performed by the admixture. The maximum dosage of admixture has been restricted under Para 10.3.3 of IS 456-2000. A number of parameters need to be clearly defined for design of ready mix concrete, as per item of work under execution at site. Para 5.8 of CPWD Specifications 2002 deals with design mix/ready mix concrete. Under Para 5.8.8 important parameters such as mixing, mix temperature, supply and placing of ready mix, transportation, pumping methods and equipments, sampling and testing, main constituents, admixtures & requirements of slump, compaction, consistency etc. are defined in detail.

Chief Engineer shall ensure that all the engineers under his control refer appropriately to the relevant paras of IS 456 and revised CPWD specifications 2002 for preparation of NIT for use of Ready Mix Concrete in R.C.C. works.

(R.C. KINGER)  
CHIEF ENGINEER (DESIGN)

Copy to:

1. Engineer Member/DDA for kind information.
2. All Chief Engineers/DDA. HO

  
CHIEF ENGINEER (DESIGN)

*Handwritten notes and signatures:*  
MS  
R.R. Sengupta  
E.O. 3  
14/2  
DAD  
16/2/05  
11(10)2004