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**GOVERNMENT OF MIZORAM  
OFFICE OF THE ENGINEER-IN-CHIEF:PHED  
MIZORAM :: AIZAWL**

**C I R C U L A R**

Dated Aizawl, the 7<sup>th</sup> August, 2012.

No.W-12015/4/2012-E-in-C/PHE/Vol-II/24 : It is hereby informed to all concerned Engineers that all the design & construction of R.C.C works like Building, Culvert etc (other than liquid retaining structure i.e. Water Tank etc) should be as per I.S.456 2000 i.e. all R.C.C work of any structure other than liquid retaining structure should not be weaker than M20.

Also all the liquid retaining structures (cement concrete structure) i.e. Water Tanks etc should be designed as per I.S. Code 3370 (Part I & II) 2009 i.e. minimum grade of cement concrete for Water Tank should be M30, but for small tanks having capacity less than 50m<sup>3</sup> (50,000 litres) at location where there is difficulty in providing M30 grade of concrete, the minimum grade of concrete may be taken as M25. However, this exception shall not apply to coastal area.

**Sd/- R. LALFANLIANA  
Engineer-in-Chief:PHED  
Mizoram, Aizawl.**

MemoNo.W-12015/4/2012-E-in-C/PHE/Vol-II/24'A' : Dated Aizawl, the 7<sup>th</sup> Aug, 2012.  
Copy to :

1. Secretary, PHED, Govt. of Mizoram for favour of kind information.
2. All Chief Engineers, PHED, Mizoram, Aizawl for information and strict compliance.
3. All Superintending Engineers, PHED, Mizoram, Aizawl for information and strict compliance.
4. All Executive Engineers, PHED, Mizoram, Aizawl for information and strict compliance.
5. All Assistant Engineers/Sub-Divisional Officers, PHED, Mizoram, Aizawl for information and strict compliance.

o/c

*Lalfanliana 7/8/12*  
**Engineer-in-Chief:PHED  
Mizoram, Aizawl.**