

GOVERNMENT OF ANDHRA PRADESH  
Office of the Engineer-in-Chief (PR) Vijayawada  
Circular Memo No:AEE(T1)/DEE/CC pavements/2019, Dt:23.09.2019

Sub: QC Tests : CC pavements-Determination of strength of  
Hardened Concrete -Guidelines - issued - Reg.  
Ref: IS:516 (Part 4):2018.-Hardened Concrete-Method of Test-  
Published by Bureau of Indian Standards.

\*\*\*\*\*

The immediate attention of all the Executive Engineers PR (V&QC) is drawn to the reference cited above where in certain procedure is stipulated for determination of strength of hardened Concrete by extracting cores.

In this connection all the EEs (V&QC) in the State are directed to take 3 cores per km in a staggered manner to represent the whole length (one Km) for assessing the strength of the Hardened Concrete in CC pavement if they satisfies the cube test results conducted by the executing agency.

Further the core diameter shall generally be 100 mm to 150 mm (+/-10 mm), with the preferred diameter being 100 mm for nominal maximum aggregate size up to 20 mm (Clause 5.5).

Hence all the Executive Engineers PR (V&QC) are requested to adopt the said test procedure for determination of strength of Hardened Concrete of CC pavements without any deviation.

Sd/- B.Subba Reddy  
Engineer-in-Chief  
(PR). Vij

To  
All the Executive Engineers PR ( V&QC) in the state .  
All the Superintending Engineers in the State.  
Copy to all Executive Engineers PR PIU in the State.  
Copy to all Chief Engineers (PR) for necessary action  
Copy to PMU cell o/o ENC  
Copy to all TCs for information

//t.c.f.b.o//

Deputy Executive Engineer

23/9/2019