

**INSPECTION NOTE RECORDED BY Er.S.K.SHARMA**  
**CHIEF ENGINEER (KZ),HP.PWD.DHARAMSHALA**

Name of work:- Construction of Pharmacy Govt. College, Building at Rakkar Tehsil Rakkar Distt. Kangra (HP). (SH:-Construction of Academic Block including water supply & sanitary installation, Septic Tank, Soak Pit and Rain Water Harvesting Tank etc

Date of Inspection: 10/07/2020

Name of Inspection Officer: - Er.S.K.Sharma

Designation: - Chief Engineer (KZ)

A/A & E/S:- Rs.19,48,36,800/-

Awarded amount:- Rs.6,47,21,511/-

Date of Award:- 13/02/2020

Date of completion: - 26/08/2021

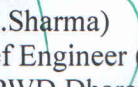
Accompany officers: - 1.Er.Harsh Puri, Executive Engineer, HPPWD.Divn. Kotla Behar  
2.Er.Rajan Aggarwal, A.E.HPPWD.Sub Divn.Pragpur  
3.Er.Sushil Kumar, JE, HPPWD.Sub Divn.Pragpur.  
Representative: Mr.Baldev Kumar, Govt.Contractors, VPO.Banuri Tehsil Palampur Distt.Kangra (HP).

The said work was inspected by the undersigned along with all the above named Officers/officials. At the time of inspection, the work of footing of B & C block was in progress during the course of the inspection following observations/shortcomings were noticed.

Design mix adopted for the M20 concrete grade shows water cement ratio as 0.56 which appears to be on quite higher side. The Executive Engineer is advised to get the same re-examined in the light of the codal requirements, which should certainly not exceed 0.5 as per existing conditions of the exposure to the concrete.

It should be further ensured that laps are not provided in the columns- beams joints to avoid congestion of steel and hooks of stirrups are bent at 135 degree conforming to the criteria for earthquake resistant design of structure IS-13920.

The Frequency of sampling of concrete should be further increased to meet the codal requirement and the location from where these samples have been taken should clearly be mentioned in the quality control register. The Quality control registers should be maintained accordingly at the site.

  
( S.K.Sharma )  
Chief Engineer (KZ),  
HP.PWD.Dharamshala.

Endst.PW/CE(KZ)/Insp.Note/2020-

1117-21

Dated:16/07/2020


Copy to The Principal Secretary (PW) to Govt. of H.P.Shimla for information.

Copy to the Engineer-in-Chief, HP.PWD.Nirman Bhawan, and Nigam Vihar Shimla for information please.

✓ Copy to the Engineer-in-Chief (Project), HPPWD.Nigam Vihar Shimla-171002 for information please.

Copy to the Superintending Engineer, 9th Circle HP.PWD.Nurpur for information and necessary action.

Copy to the Executive Engineer, HPPWD.Division Kotla Behar for information and necessary action.

  
(S.K.Sharma)  
Chief Engineer (KZ),  
HP PWD Dharamshala