



**GOVERNMENT OF KERALA**

**Abstract**

PWD – Establishment – Quality control for State PWD Works - Special Inspection team - Duties and responsibilities – Orders issued.

**PUBLIC WORKS (B) DEPARTMENT**

**G.O. (Rt) No. 86/2012/PWD**

**Dated, Thiruvananthapuram 19.01.2012**

Read: 1. G.O. (Rt) No: 1381/ 2011/PWD dt: Thiruvananthapuram 12.10.2011  
2. Letter No. CE/R&B/PLG/DB5/10363/2011 dated 24.10.2011 & 17.12.2011 from the Chief Engineer (Roads & Bridges), PWD, Thiruvananthapuram.

**ORDER**

As per Government Order read above, three Special Inspection Teams were constituted to monitor the speedy and timely completion of road works and to ensure the quality of works in the State. Now, as per letter read above, the Chief Engineer (R & B), PWD, Thiruvananthapuram has suggested the names of Assistant Engineers / Assistant Directors / Overseers for accompanying and assisting the teams and requested that the Deputy Chief Engineer (National Highways) may be nominated as the Head of Team No. 3, instead of Deputy Chief Engineer (Administration).

2. Government have examined the matter and are pleased to re – constitute the Inspection Teams as follows;

Team No.	Team Head	Name of Assistant Engineer / Assistant Director	Name of Overseer	Districts in which Inspection is to be conducted
1.	Deputy Chief Engineer (Vigilance), Thiruvananthapuram	Sri. Anoop Paul Asst. Director, Project Preparation Unit, Office of the Chief Engineer (Operations), Thiruvananthapuram	Sri. Sisupalan.s Research Assistant (First Grade Overseer), KHRI, Thiruvananthapuram	Thiruvananthapuram, Kollam, Kottayam, Pathanamthitta & Alappuzha
2.	Joint Director, KHRI, Thiruvananthapuram	Sri. Santhosh Thomas. T Assistant Director, KHRI, Thiruvananthapuram	Sri. Biju. S. Research Assistant (First Grade Overseer), KHRI, Thiruvananthapuram	Idukki, Ernakulam, Thrissur, Palakkad & Malappuram
3.	Deputy Chief Engineer (NH), Thiruvananthapuram	Sri. Biju. P. B Assistant Engineer, Environment Cell, Office of the Chief Engineer (R & B), Thiruvananthapuram	Sri. John (Third Grade Overseer), KHRI, Thiruvananthapuram	Kozhikode, Kannur, Wayanad & Kasargod

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3. The duties and responsibilities of the Inspection Teams will be as follows.
- i) Visit all works for which the PAC is less than 10 crores for the current year, and from 2012-2013 onwards the inspection teams are to visit all pre-qualified works irrespective of PAC amount
  - ii) The inspection team should inspect the completed works and examine the quality of works executed such as surface finish/riding quality/road geometric etc. based on the agreement provision and specification.
  - iii) Conduct the following tests for ensuring the quality of works.
    - Concrete cube test.
    - Bitumen extraction test.
    - Sieve Analysis.
    - Bitumen penetration test.
    - Compaction test in earth embankment & side filling.
    - Riding quality test in the case of BM & BC works
  - iv) Ascertain the frequency of testing of materials and mixes are promptly done.
  - v) The samples taken are to be forwarded to KHRI to obtain test results and comments on the results. The conveyance and assistance to the inspecting teams should be arranged by the Executive Engineer of the Division concerned. All expenses like laboratory testing fee etc are to be borne by the contractor of the work. Once tests are conducted on road surface etc. necessary restoration of test pits, etc. on road & other surfaces should be done immediately by the contracting agency.
  - vi) Submit inspection note for each division separately. Indicate all major quality issues while executing projects and remedies suggested.
  - vii) Verify the action taken by the officers concerned on the report of previous month.
  - viii) Suggest measures for improving the quality of works and timely execution of projects.
  - ix) Analyse progress of each major project.
  - x) Find the difficulties in the execution of each project and suggest remedies for avoiding the bottlenecks.
  - xi) Inspect all major work sites which are behind the schedule and also during execution and give instructions, if necessary.
  - xii) Verify registers/records pertaining to material stock, issued or work spot order book etc.

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- xiii) Those works for which tests have already carried out, the inspection team need only to conduct evaluation of test results and report furnished. In such cases if test checks are required these are also to be carried out.

4. The Government Order read above stands modified to the above extent.

**By Order of the Governor  
P. K. Rajendran  
Additional Secretary to Government**

To

The persons concerned (through CE, PWD (Admn))  
The Chief Engineer (Admn), PWD, Thiruvananthapuram  
The Chief Engineer (Buildings), PWD, Thiruvananthapuram.  
The Chief Engineer (National Highways), PWD, Thiruvananthapuram  
The Chief Operating Officer, Kerala Road Fund Board, Thiruvananthapuram.  
The Chief Engineer (Projects), KSTP, Thiruvananthapuram  
The Managing Director, RBDCK, Thiruvananthapuram.  
The Director of Information and Public Relations, Thiruvananthapuram  
The Principal Accountant General (Audit), Kerala, Thiruvananthapuram  
The Accountant General (A&E), Kerala, Thiruvananthapuram/Thrissur  
All Sections of Public Works Department  
Stock File/Office Copy

**Forwarded / By Order**

**Section Officer**

Copy to:

PS to Minister (Works)  
PA to Secretary, Public Works Department  
CA to Special Secretary, Public Works Department  
CA to Additional Secretary, Public Works Department