

BSLRI DEVELOPMENT AUTHORITY

No. B1(10)83/21364

Dated: 11.12.89

CIRCULAR No. 273

It is enjoined upon the various officers concerned i.e. C.Es/S.Es/E.Es to inspect the work being executed under their jurisdiction in order to ensure that the work is executed as per the terms of the agreement, designs and specifications prescribed for the work. The purpose of inspection by the superior officers is to oversee what the subordinate officer could not see. In order to improve the quality of work, the engineers must make adequate surprise checks to ensure proper quality of work.

As already circulated vide this office circular No.13 dt. 19.5.83 and circular No.25 dt. 16.6.83, a site order book/register should be maintained invariably at all works and inspecting officers including architects etc. should give their remarks if any defective work is noticed by them during inspection. *There must be Continual/Specification Oversees.*

The E.Es/S.Es/C.Es must inspect all major works as frequently as possible and issue inspection notes giving their observations on quality of the works and defects noticed. Alternatively the inspecting officers may also give their remarks in the site order books/register.

Maintenance of this site register is additional and has been once again considered necessary so as to provide a compact record of all inspections including those of C.T.E. and quality control wing. The register should be properly maintained by the site engineers. The proforma for the register as circulated vide circular No.25 dt. 16.6.83 is once again enclosed for follow up action.

cont ...2/-

The above instructions should meticulously be followed by all concerned.

V. S. Murli
4/12/89
(V. S. Murli)
District Engineer

Encl: proforma for register

Copy to:

1. All Zonal Chief Engineers with 25 spare copies for circulation amongst their staff.
2. Chief Engineer (C) with 10 spare copies.
3. Chief Engineer (Hort.) with 15 spare copies.
4. G.M., I.S.B.T. with 4 spare copies.
5. Chief Architect with 6 spare copies.
6. Chief Vigilance Officer, MDA with refernce to his letter dated 15.11.89.
7. All S.O.s & S.D.s of M.H. Office.

S. O. I to M.H.
D. B. M.
5/12

Reference to the following pages of the report

No.	Date	Name of inspecting Officer	Officer's inspection Note recorded on the other book/ reference.	Department inspection not made.	Reference of cases arising under/emp- loyment cases.
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DELHI DEVELOPMENT AUTHORITY

No. EM/10/83/VOL-VII) 2124.34 7-290
Dt., the 7th ^{Feb} January, 1990
Sub: EM/156/83/O.C./1
Reinforced Concrete work-testing in standards.

The officers incharge of the designing and issue of structural drawings using RCC shall carefully indicate the design standards adopted in the design and acceptance criteria to be followed at site. I have observed that some of the designs are being carried out by private consultants but in all such cases, the departmental designer who is the officer supposed to give the designs should ensure that the drawings and designs conform to the provisions in the contract.

It is necessary that the departmental designer takes all the factors of site conditions, requirements, standards accepted at site, type of maintenance and the construction schedule and practice while designing the structural and prescribing the acceptance criteria.

We are following the CPWD specifications not only in our designs but particularly in our constructions which cannot be ignored. Therefore, even if the designs are given by the private consultants the references shall be particularly corrected with the CPWD specifications which for all purposes is a document related to the contract.

In case for special reasons, we use concrete not specified in the CPWD specifications, then the contract should also provide specially so and the acceptance criteria should be aimed particularly in that direction.

Whereas the I.S. specification is related to the characteristic strength using ^{design} mix concrete or nominal mix concrete, the CPWD specifications aim at nominal ^{mix} concrete with special reference to the acceptance criteria as a part of the contract. Therefore, in all our structural drawings where CPWD specification is mentioned in the contract, only nominal mix shall be specified with the related acceptance criteria for the design purposes. The ^{Structural} drawing also should show accordingly. Where characteristic strength is aimed in the design, agreement also should be properly worded and there should be no mix up. CEs may please instruct the designers in their offices to keep this point in view for all cases.

As a matter of guidance, testing can be done in various manners apart from the indirect test when specified in the CPWD

for - 100

specifications. For other tests for confirmation in case of necessity should be chosen particularly though they may not necessarily form part of the agreement.

V.S. Murti
(V.S. Murti)
ok Engineer Member

C.E. (Design)
Zonal Chief Engineers
S.Es. Planning.

Letter dated 7.2.90
Dated 7.2.90

Development office
7.2.90