

DEH Development Authority

No.

- Dated: 8/1/87

CIRCULAR 184

It is seen that test check of the steel is done much in advance of the actual concreting and action is not being taken to see that the steel is properly placed in correct position exactly before concreting. It is necessary, therefore, the Ex. Engineer and Asstt. Engineer should take steps to ensure that all the steel to be provided as per structural drawings and subsequent test check is correctly kept in position before the actual placement of concreting. Precautions should be taken to ensure adequate concrete is covered round the bars, all-round the fan boxes etc. The placement should again be checked up just before concreting so that there is no displacement of steel. There should not be much gap between the test check of steel and placement of concrete. Elaborate instructions are issued regarding the checking of centering and shuttering, steel etc. The EE & AE should primarily see that these precautions are carefully followed to do good concreting.

There is a feeling that more water would give better surface. This is not correct. In fact, more water would make the mortar weak and more honey-combing. Only required quantity of water shall be added.

The undersigned and Chief Engineers shall be shown the site order book invariably whenever they visit the site.

V.S. Marti
(V.S. Marti)
Engineer Member

All Chief Engineers i/c
CE(CC) S. (Derm.)

DELHI DEVELOPMENT AUTHORITY

No. DM 1(10) 83/1107-14 Dt., the 21st January, 1987

OFFICE-MEMORANDUM

22

Instances have come to notice when certain defective work was accepted by the Executive Engineers for payment. As a rule, defective work should not be accepted for any payment. However, in exceptional cases where the defect is such which could be easily rectified by a little additional effort at site, then the material can be accepted with a clear indication to the contractor that only part rates which will fully cover the defects shall be allowed for payment. In all such cases, the contractor shall be well informed. If at the end of the work finally it is desired that reduced rates only shall be paid to the contractors, a letter shall be issued to the contractor suitably indicating him the circumstances under which such slightly defective work is being accepted and he should give his communication to the reduced rates which are proposed to be paid to the contractor. This normal procedure should be followed.

It is however, seen in some cases that when defective work was accepted for part payment, the Executive Engineers allow the full rates and keep some money in deposit. This practice is incorrect. There is also risk in keeping such deductions as deposit.

The field officers should please be informed about the correct procedure in these matters.

of 1/21/87
V.S. Murti
Engineer Member

All CEs

Director(MM)

Director(Hort)

DELHI DEVELOPMENT AUTHORITY

No: EM 3(8)85/603-15

Dated: 9/1/87

C I R C U L A R

It has been observed that a number of works are being taken up without any technical sanction. It is not known how the NIT's were approved without any technical sanction to a formal estimate of items and the technical specification necessary. A number of instructions are issued earlier by the DDA. Instructions were already incorporated in the manual which DDA follows.

Without technical sanction it is very difficult for the site engineers to understand the technical reference of the buildings, the various provision contemplated, the reasoning and data on which the technical specifications are framed. The various works specifications to be followed on various items which are to be incorporated after detailed deliberation of technical reference and cost details are to be known to the site officers also. When important services like drinking water supply system, sewerage system, fire fighting system, fire escape, garbage disposal are to be provided in the same building, it becomes all the more necessary for the various officers carrying out the project to know various specifications and details contemplated in the sanction. It would thus be seen that a technical sanction is not merely a document of formality but it is a document which indicates the various specification of every component of the work with the technical reasoning behind the adoption of such a specification/ item or procedure.

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All the Chief Engineers are, therefore, requested to kindly make it absolutely imperative that technical sanction is issued before the works actually start. In case, for any exceptional reason such a technical sanction cannot be issued simultaneously with the draft NIT, then it will be necessary for the Chief Engineer, for the Competent Authority to issue a technical sanction, atleast by the time tenders are ready for consideration and acceptance. If the office work namely typing etc. is likely to take some time, then a detailed technical specification notes with reasoning and selection of specific parameters with adequate details shall be sent to the officer's concerned under the signature of the Competent Officer as advance information. This however does not mean, this is a substitute for the formal technical sanction.

The issue of technical sanction is also necessary because it is seen that in some of the tenders which are not based on technical sanction, a number of arithmetical mistakes are noticed which caused contractual problems, arbitration cases etc. If technical sanction were issued after proper check and consideration, the serious mistakes which caused a lot of delay and contractual complication would not have resulted.

The officers, therefore, should understand the need for technical sanction as a very important basis and subject in the works.

(Signature)
 (V.S. Murli)
 Engineer Member

All Chief Engineers & Supdtg. Engineers (Planning), DDA

(Handwritten mark)