

DELHI DEVELOPMENT AUTHORITY
CHIEF ENGINEER (QUALITY CONTROL)

No. CL(QC)3/DDA/Circular, 2001/75

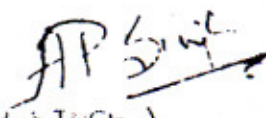
Dt: 10-3-2005

CIRCULAR NO. 152

In continuation to Circular No. 146 dt. 7.9.01 regarding engagement of outside laboratories for testing of materials, DDA has approved the following two additional laboratories for the purpose for a period of two years.

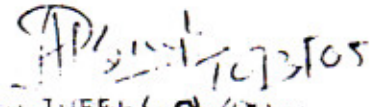
- 1) Delhi Test House
- 2) Spectro Analytical Labs. (P) Ltd.

It is, therefore, enjoined upon all concerned to ensure that henceforth samples for the tests to be got conducted by any of the units of Delhi Development Authority are sent only to the approved laboratories.


(MR. A.P. SINGH)
CHIEF ENGINEER (QC) / DDA

Copy to:

1. C.S.D. to V.C./DDA
2. Engineer Member, DDA
3. All CES, DDA
4. All SES, DDA
5. Director (M.A.) & Project Managers, Flyover Projects, DDA
6. All EAs, DDA
7. All EEs (QC), DDA. The matter regarding testing of materials from laboratories other than approved ones should be brought to the notice of the concerned as and when observed.
8. Circular File.


CHIEF ENGINEER (QC) / DDA

DELHI DEVELOPMENT AUTHORITY
ENGINEER MEMBER'S OFFICE

NO. CE(C), DDA/Circular/2005/59

Dt: 7/7/05

Circular No. 153

Sub: Testing of materials

In partial modification to this office circular no. 269, the procedure for testing of materials for works in D.D.A. shall be undertaken as per the details given below :-

- | | |
|---|--|
| 1) <u>Tests for which no facility available in DDA labs like testing for cement, lime, steel, Timber, water proofing compound, mixtures, aluminium section pipes etc.</u> | i) 75% of the tests to be got conducted in Govt. labs like PWD/CPWD, NIT, IIT, CRRI, CERI/NCCL/RIC/FRI Dehra Dun.
ii) 25% in other approved labs like Sri Ram Institute, Delhi Test house, Spectro Analytical Lab. for which uniform allocation to be made. |
| 2) <u>Tests for which facilities are available in Zonal lab.</u> | i) 75% tests in field/zonal lab.
ii) 15% in Q.C. Lab of D.D.A.
iii) 10% in other labs preferably in Govt. labs like PWD/CPWD. |
| 3) Where field test only could suffice:
like bulking of sand, field density tests, moisture content (field method) etc. | 100% at site/zonal labs.
However, random samples can shall be collected and sent to Q.C. lab for testing for confirmatory test at the discretion of S.E. |

The above instructions should meticulously be followed by all field units.

This issues with the approval of V.C., D.D.A.

(ER. P. SINGH)
CHIEF ENGINEER (V.C.)

Copy to:

1. OSD to V.C., DDA
2. P.S. to E.M., D.D.A.
3. All C-Es, DDA
4. All S-Es DDA with the request to circulate copy among all LBS
5. Director (M)/Project Manager Flyover Gr. I & II.

DELHI DEVELOPMENT AUTHORITY
OFFICE OF THE CHIEF ENGINEER(QC)/DDA.

No.PS/CE(QC)/Circular/2005/ 60

Dated: the 31st March, 05.

1-12-05

CIRCULAR No. 154

SUB: Use of ISI mark materials in Construction works.

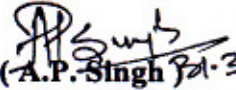
Para 0.8.2: of CPWD specification 1996 provides that materials listed in Appendix 'A' wherever used on the works shall bear 'Standard Mark' of the 'Bureau of Indian Standards'. It shall be the responsibility of the contractor to ascertain the source from where the materials bearing 'Standard Mark' are available. In all such cases, proper documentary proof of procurement of the total quantity of those materials shall be submitted by the contractor to the Engineer-in-Charge, as and when materials are brought to the site of works.

Para 0.8.6: of CPWD specifications further states that ordinarily, no testing is to be done in case of materials bearing 'Standard Mark'. However, in case of any doubt or with a view to check the quality of material bearing "Standard Mark" Engineer-in-Charge may send samples at random for testing. Where the materials bearing "Standard Mark" do not conform to the relevant Indian Standards, the matter shall be taken up by the Engineer-in-Charge with the Bureau of Indian Standards for appropriate action against the defaulters. In all such cases necessary documents in original and proof of payment relating to the procurement of materials shall be made available by the contractor to the Engineer-in-Charge.

It is necessary on the part of the Engineer-in-Charge that the authenticity of ISI Marking is verified with respect to the ISI license and general quality of the material is checked as regards appearance, finishing, dimensions, weight etc., before the material is approved. The sample of approved material duly signed by the Engineer-in-Charge should be kept at site of work for future references as per provisions of **para 0.8.1** of CPWD Specifications. Random samples should be collected from time to time and got tested in the approved Labs for its quality so as to ensure that the material conforms to required standard. In case the material does not confirm to the relevant standard, the matter should be taken up by the Engineer-in-Charge with B.I.S. for appropriate action against the defaulters.

In the market, the sometimes we come across the materials with fake ISI marking or with some distorted non-standard marking which may mislead the buyers. A sample of the same is enclosed herewith for reference.

It is enjoined upon all the Field Engineers to ensure that the ISI marking is thoroughly verified and its genuineness is ascertained before the material is accepted by him. If any material having such non-standard marking is allowed to be used in the works, the concerned Field Engineers shall be held responsible for the same.


(A.P. Singh) 21.3.05

Chief Engineer(QC)/DDA

Encl: as above.

Copy to:

- 6) OSD to VC/DDA.
- 7) PS to EM/DDA.
- 8) All CEs with request to issues copies to all SEs/EEs under their zones.
- 9) SE(QC)/DDA.
- 10) All E.Es.(QC)/DDA.


Chief Engineer(QC)/DDA. 21.3.05

DELHI DEVELOPMENT AUTHORITY
OFFICE OF THE CHIEF ENGINEER(QC)/DDA.

No.PS/CE(QC)/Circular/2005/61

Dated: the 31st March, 05.

1/4/05

CIRCULAR No. 155

SUB: Stacking and storage of reinforcing steel bars.

Attention is invited to para 5.1.3 of CPWD specifications which reads as under:

“Steel for reinforcement shall be stored in such a way as to prevent distorting and corrosion. Care shall be taken to protect the reinforcement from exposure to saline atmosphere during storage, fabrication and use. It may be achieved by treating the surface of reinforcement with cement wash or by suitable methods”.

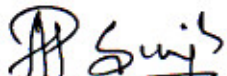
It has been observed during the Quality control inspections that the aforesaid provision of CPWD specifications is not being strictly adhered to.

It is enjoined upon all the Field Units to ensure that the reinforcing bars are provided with cement coating as soon as the same are brought at site and the same should be staked on raised platform invariably. It should also be ensured that the reinforcing bars are free from any earth coating at the time of placing in position.

(A.P. Singh)
Chief Engineer(QC)/DDA.

Copy to:

1. OSD to VC/DDA.
2. PS to E.M./DDA.
3. All Chief Engineers with request to issue copy of the circular to all SEs and EEs working under zones.
4. SE(QC)/DDA.
5. All Ex. Engineers(QC)/DDA.


Chief Engineer(QC)
31.3.05

DELHI DEVELOPMENT AUTHORITY
OFFICE OF THE CHIEF ENGINEER(OC)/DDA.

No.PS/CE(QC)/Circular/2005/62

Dated: the 31st March, 05.

1/4/05

CIRCULAR No. 158

SUB: Maintaining the accounts of material received at site.

It has been observed during Q.C. inspections that day to day account of materials received at site from various sources is not maintained by the Field Units properly. It has also been observed that the samples are not collected from each lot and got tested as per mandatory provisions. As per standing instructions no material should be incorporated in the work unless the tests conducted for the same are found satisfactory. It is also essential to keep broad details of use of such material location wise which may be a useful data for future references.

It is, therefore, necessary to not only maintain the record of each and every material brought at site from time to time for incorporation in the work, but to collect the sample for each lot, get it tested from approved Labs as per instructions and to keep account of the material used location wise in the format suggested hereunder:

DESCRIPTION OF MATERIAL :

Sl. No.	Reference to source, manufacturer, brand, quarry etc.	Date of receipt	Qty. received	Dt. of collection of samples for testing and nos.	Signature of officer collecting samples	Ref. to testing Lab.	Test Results (Passed or Failed)	Dt. of accord of approval for use in work.	Dt. signature of officer according appl. for use in work	Location where material used. <small>Date of removal if found reject</small>
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**DELHI DEVELOPMENT AUTHORITY
OFFICE OF THE CHIEF ENGINEER(QC)**

664
3/6/05

DDA/2003/0000/98

Dated: the 1st June, 05.


CIRCULAR NO.157

SUB: Empanelment of Testing Laboratories.

In continuation to circular Nos.146 dated 7.9.02 and 152 dated 10.3.05, Engineer Member, DDA has recorded the approval for empanelment of two laboratories for the purpose for testing of materials as per details given therein, as under :

Sl. No.	NAME OF THE LABORATORY	NATURE OF TESTS
1.	SUNBEAM AUTO LIMITED TESTING, R & D CENTRE, 38/6KM Surges Delhi Jaipur Highway, Narsingpur, Gurgaon - 122001 (Haryana). Ph. 191-0124-5129200/254	1. <u>Chemical Tests</u> - shall include tests for water, cement, ferrous and non-ferrous materials, clay, fly-ash, water-proofing compound, Admixtures etc. 2. <u>Mechanical Tests</u> - shall include tests for cement, coarse and fine aggregates, soil, bricks, Tiles, Bitumen, Water-proofing compound, Admixtures etc.
2.	AES LABORATORIES (P) LTD. 1405, NIRMAL TOWER, 26 BARAKHAMBHA ROAD, NEW DELHI-110001. Ph. 9511-233153, 6, 23323156 LAB: B-118, Phase-II, NOIDA- 201304(U.P.). Ph.95120-2562644, 95120-2562645	1. <u>Biological Tests</u> : shall include microbiological test for sewage & effluents, water and waste water, Drinking Water. 2. <u>Chemical Tests</u> : shall include test for effluents, surface water and ground water (like acidity alkalinity turbidity, PH value, Ca, Mg., Sulphates, chlorides etc.) lubricants and petroleum products.

The approval shall be valid for a period of two years from the date of issue of this Circular DDA reserves the right to depanel them without any notice


Chief Engineer(QC)/DDA.

Copy to:

1. OSD to VC/DDA.
2. Engineer Member/DDA.
3. All Chief Engineers/DDA
4. All Suptg. Engineers/DDA.
5. Director(MM) & Project Managers Flyover Project, DDA.
6. All Ex. Engineers/DDA.
7. All Ex. Engrs. (QC) DDA. The matter regarding testing of materials from laboratories other than approved ones should be brought to the notice of the undersigned as and when observed.
8. Circular file.
9. Concerned Labs.

AE/SECC/
for 2/10
3/6/05


Chief Engineer(QC)/DDA.

All concerned are requested to ensure the maintenance of records accordingly.

A.P. Singh
21.3.05
(A.P. Singh)

Chief Engineer(QC)/DDA.


Copy to:

- 1) OSD to VC/DDA.
- 2) PS to EM/DDA.
- 3) All CEs with request to issues copies to all SEs/EEs under their zones.
- 4) SE(QC)/DDA.
- 5) All E.Es.(QC)/DDA.

A.P. Singh
21.3.05

Chief Engineer(QC)/DDA.

प्रिय उपभोक्ता, सावधान !

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उदाहरण : असली मानक चिन्ह का नमूना जो कि घरेलू प्रेशर/कूकर पर लगाया जाता है।

IS : 2347



CML (लाइसेंस नम्बर, सात अंक वाला)



भारतीय मानक ब्यूरो

असली मानक चिन्ह का नमूना जो कि घरेलू प्रेशर/कूकर पर लगाया जाता है।

भारतीय मानक ब्यूरो

भारतीय मानक ब्यूरो, 110, अटल बिहारी वाजपेयी रोड, नई दिल्ली-110002

फोन : 2307498, 2307398 फैक्स : 2307195

ई-मेल : is@bis.org.in



माहुर लगे उत्पाद खरीदिए।