



दिल्ली सरकार

कार्यालय प्रमुख अभियंता, लो०नि०वि०,  
12वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली: 110002  
☎ 23490260, 23724560, 23311293 फ़ैक्स 23319021  
Toll Free Complaint No. 1800 11 0093  
वेबसाइट: <http://pwd.delhigovt.nic.in>  
ई-मेल: [pwdhqdelhi@gmail.com](mailto:pwdhqdelhi@gmail.com)/[dppwdhqdelhi@gmail.com](mailto:dppwdhqdelhi@gmail.com)



सं०:प्रमुख अभि./निदेशक/लोनवि/कार्य/सीडीबल्यूएम/2018/4184

दिनांक:02.07.2018

सेवा में

1. मुख्य अभियंता (उत्तर), लो.नि.वि, 5वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली।
2. मुख्य अभियंता (दक्षिण), लो.नि.वि, 7वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली।
3. मुख्य अभियंता (पूर्व), लो.नि.वि, तीसरा तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली।
4. मुख्य अभियंता (स्वास्थ्य) अनु, लो.नि.वि, दूसरा तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली।
5. मुख्य परियोजना प्रबंधक (शिक्षा) अनुरक्षण, लो.नि.वि, पहला तल, बहु-मंजिला भवन, नई दिल्ली।
6. परियोजना प्रबंधक (एफ-1), लो.नि.वि, मुकरबा चौक, जी.टी.करनालरोड़, दिल्ली-33।
7. मुख्य परियोजना प्रबंधक (एफ-2), लो.नि.वि, सराय काले खां, रिंगरोड़, दिल्ली-13।
8. परियोजना प्रबंधक (एफ-5) लोनवि, भैरोंरोड़, टी-जंकशन, प्रगति पावर स्टेशन, नई दिल्ली।
9. परियोजना प्रबंधक (स्वास्थ्य), लोनवि, 6वां तल, एमएसओ भवन, इंद्रप्रस्थ संपदा, नई दिल्ली।
10. मुख्य परियोजना प्रबंधक (गृह), लोनवि, 13वां तल, एमएसओ भवन, इंद्रप्रस्थ संपदा, नई दिल्ली।
11. मुख्य परियोजना प्रबंधक (शिक्षा) परियोजना, लोनवि, दूसरा तल, एमएसओ भवन, नई दिल्ली।
12. परियोजना प्रबंधक (अन्य), लोनवि, 13वां तल, एमएसओ भवन, इंद्रप्रस्थ संपदा, नई दिल्ली।

विषय:—Utilization of recycled C&D product-status.

In continuation to this Office Memorandum dated 14.06.2018 (copy enclosed), vide which it was decided to use C&D Waste Recycled Products 100% for the items like non-structural members, Plain Cement Concrete and road works i.e. replacement of footpath tiles, kerb stones, paver blocks, drains and other repair & maintenance in building works in contracts upto the level of Executive Engineer, i.e. rupees one crore or less. The orders to use 2% & 10% C&D recycled products of recycled materials in buildings & road works respectively, shall also be complied in major projects.

The minutes of meeting of MoHUA dated 26.06.2018 are also enclosed in this regard. Vide this minutes of meeting, it is desired to maintain data base by obtaining montly return from field units. However, it is requested to comply the above referred OM and send the monthly return for use of C&D Recycled Waste in the works started after 01.07.2018.

This issues with the approval of Engineer-in-Chief, PWD.

संलग्न उपरोक्तानुसार।

(संजीव रस्तोगी)

निदेशक (कार्य एवं स्थापना)

प्रतिलिपि:—

1. प्रधान मुख्य अभियंता (अनुरक्षण), लोनवि, 12वां तल, एम.एस.ओ. भवन, आई.पी.एस्टेट, नई दिल्ली
2. प्रधान मुख्य अभियंता (परियोजनाएं), लोनवि, 9वां तल, एम.एस.ओ. भवन, आई.पी.एस्टेट, नई दिल्ली।

निदेशक (कार्य एवं स्थापना)



दिल्ली सरकार  
प्रमुख अभियंता, लो0नि0वि0,  
12वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली: 110002  
☎ 23317926, 23724561, 23317520, फैक्स 23766924

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सं0: लो0नि0वि0 / प्रमुख अभि / कार्य / 2018 / 3833 / CPWM

दिनांक: 14.06.2018

### OFFICE MEMORANDUM

Construction & Demolition (C&D) Waste Management processing facilities are available in the NCT of Delhi at Burari, Shastri Park and Mundka with a combined capacity of more than 250 MT/day for effective management of such waste.

IS:383-2016 has now permitted to use of recycled aggregates (RA) and recycled concrete aggregate (RAC) produced from other than the natural resources for using in plain and reinforced concrete. These changes have been incorporated in CPWD specifications vide OM No. DG/ Specification/C&D/08 dated 07.03.2016.

Ministry of Environment Forest and Climate Change has notified C&D Waste Management Rules – 2016 and circulated vide No. DG/CON/Misc/04 dated 23.01.2017 for necessary action by the field units.


The advisory and the orders to use 2% & 10% C&D recycled products of recycled materials in building & road works respectively have already been issued by the GNCTD as well as PWD, but the same are not complied with in absence of availability and assurance of quality of recycled materials from the C&D Waste Recycling Plant owners. Now, North MCD assured that these recycled materials are available and they are in a position to cater to the requirement of construction agencies in GNCTD along with quality assurance of these recycled materials.

With a view to ensure maximum utilization of C&D waste in the construction activities, it is decided that PWD, GNCTD shall utilize 100% (one hundred percent) recycled materials for the items like non structural members, Plain Cement Concrete and road works i.e. replacement of footpath tiles, kerb stones, paver blocks, drains and other repair & maintenance in building works in contracts upto the level of Executive Engineer, i.e. rupees one crore or less. The orders to use 2% & 10% C&D recycled products of recycled materials in building & road works respectively, shall also be complied in major projects.

The C&D Waste recycled products like manufactured sand shall be used for filling under floors, plaster as well as road works whereas the recycled aggregates of size upto 75mm can be used for subbase applications and footpath tiles, kerb stones and paver blocks in road work subject to quality control and meeting relevant standards and specifications.

The suitable clauses and items of recycled products shall be incorporated in the contract documents like payment of bills to the contractors for civil works only after the verification & certification by the Executive Engineer based on the invoice issued by the operator of the C&D processing facility submitted by the contractor along with the bills regarding purchase of the C&D recycled materials by the NIT approving authority.

This issues with the approval of the Engineer-in-Chief, PWD.

  
(अजय रिछारिया)  
उपनिदेशक (कार्य)

9/c

सेवा में

1. प्रधान सचिव, लोनिवि (दि.स.) 5वाँ लेवल, दिल्ली सचिवालय, नई दिल्ली।
2. प्रधान सचिव, शहरी विकास विभाग (दि.स.) 9वाँ लेवल, बी-विंग, दिल्ली सचिवालय, नई दिल्ली।
3. प्रधान मुख्य अभियंता (अनुरक्षण), लोनिवि, 12वाँ तल, एम.एस.ओ. भवन, नई दिल्ली।
4. प्रधान मुख्य अभियंता (परियोजनाएं), लोनिवि, 9वाँ तल, एम.एस.ओ.भवन, नई दिल्ली।
5. मुख्य अभियंता(उत्तर), लो.नि.वि, 5वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
6. मुख्य अभियंता(दक्षिण), लो.नि.वि, 7वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
7. मुख्य अभियंता(पूर्व), लो.नि.वि, तीसरा तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
8. मुख्य अभियंता(स्वास्थ्य) अनुरक्षण, लो.नि.वि, दूसरा तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
9. मुख्य अभियंता(शिक्षा) अनुरक्षण, लो.नि.वि, पहला तल, बहु-मंजिला भवन, नई दिल्ली-02।
10. मुख्य परियोजना प्रबंधक (एफ-1), लो.नि.वि, मुकरबा चौक, जी.टी.करनाल रोड़, दिल्ली-33।
11. मुख्य परियोजना प्रबंधक (एफ-2), लो.नि.वि, सरायं काले खां, रिंग रोड़, दिल्ली-13।
12. मुख्य परियोजना प्रबंधक (एफ-5), लो.नि.वि, भैरों रोड़, टी जंकशन, प्रगति पावर स्टेशन, नई दिल्ली-02।
13. मुख्य परियोजना प्रबंधक (स्वास्थ्य), लो.नि.वि, 6वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
14. मुख्य परियोजना प्रबंधक (गृह), लो.नि.वि, 13वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
15. मुख्य परियोजना प्रबंधक (शिक्षा), लो.नि.वि, दूसरा तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
16. मुख्य परियोजना प्रबंधक (अन्य), लो.नि.वि, 13वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
17. सभी अधीक्षण अभियंता/कार्यपालक अभियंता/सहायक अभियंता/कनिष्ठ अभियंता, लोनिवि (लोनिवि वेब साइट द्वारा प्रेषित)।

उप-निदेशक(कार्य)

९८

Subject: **Utilisation of recycled C&D produce-status regarding.**

To: crb@rb.railnet.gov.in, vcdda@dda.org.in,  
chairperson@ndmc.gov.in,  
chairman@nhai.org, csdelhi@nic.in,  
cpwd\_dgw@nic.in,  
commissioner-ndmc@mcd.gov.in,  
commissioner-sdmc@mcd.gov.in,  
commissioner-edmc@mcd.gov.in,  
cmdsectt@nbccindia.com

Cc: vs.pandey12@nic.in

Date: 06/26/18 04:03 PM 08/20/18/20253

From: UT-IV Desk M/o Housing and Urban Affairs <ut4.moud@gmail.com>

PWD SECRETARIAT  
GOVT. OF DELHI  
5th Level, B Wing  
DV No. CS/2018/20253  
Date 27/06/18

THE CHIEF SECRETARY  
GOVT. OF DELHI  
26 JUN 2018

Handwritten notes and signatures:  
26.6.18  
Prseey (PWD)  
Prseey (UD)  
Pls show so to CS (P-1)

28 corridors.pdf (2.0MB)

Respected Sir,

Pl. find attached herewith copy of OM dated 26th June 2018 regarding utilisation of recycled c&D produce status report. A status report may kindly be sent to an Email- vs.pandey12@nic.in by 02.07.2018.

With regards

Discussed. Pl sent the status report.

E-im-e  
Handwritten signature and initials

प्रमुख अधिकारी  
आवृत्ति सं. 7959  
दिनांक 28/6/18  
DD (N)  
29/6

F.No.K-14011/81/2014-UT-IV  
Government of India  
Ministry of Housing & Urban Affairs  
(Urban Transport Division)

Nirman Bhawan, New Delhi,  
Date the 26<sup>th</sup> June 2018

**OFFICE MEMORANDUM**

**Subject: Utilisation of recycled C&D produce-status-reg.**

A meeting was held in the Ministry on 1.6.2018 under the chairmanship of Additional Secretary (D&C) to review the utilisation of recycled produce of C&D waste. Vide this Ministry's OM dated 6<sup>th</sup> June 2018, minutes of the meeting were circulated for taking appropriate action. (Copy attached)

2. It is requested to kindly update the present status of action taken in terms of the decision taken in the aforesaid meeting. A status report may kindly be sent to the undersigned 2<sup>nd</sup> July 2018.

  
(V.S. Pandey)

Deputy Secretary to Govt. of India  
Tel: No. 011- 2306 1916  
Email: [vs.pandey12@nic.in](mailto:vs.pandey12@nic.in)

To

1. Chairman, Railway Board, New Delhi;
  2. Vice Chairman, DDA, New Delhi;
  3. Chairman, NDMC, New Delhi;
  4. Chairman, National Highways Authority of India;
  5. Chief Secretary, NCT of Delhi;
  6. DG, CPWD;
  7. Commissioner, North Delhi Municipal Corporation;
  8. Commissioner, South Delhi Municipal Corporation;
  9. Commissioner, East Delhi Municipal Corporation;
  10. CMD, NBCC.
-

**Minutes of the meeting held on 1.6.2018 to review the utilization of recycled produce of C&D Waste under the Chairmanship of Additional Secretary (D&C).**

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Meeting was held on 01.06.2018 under the chairmanship of Addl. Secretary (D&C) as a follow up to review the utilization of recycled produce of Construction and Demolition (C&D) waste with all the user agencies.

List of participants is attached at Annexure.

2. In his introductory remarks, AS (D&C) has emphasized the importance and need of the use of recycled waste. Since PMO is monitoring the situation regularly, all the agencies involved in the construction work need to use the recycled produce as per the regulations and guidelines in force.

3. A presentation was made by IL&FS Environmental Infrastructure & Services Limited which is operating the three C&D plants in Delhi. It was informed that the main outputs of the recycled produce are size-graded aggregates, manufactured sand and cast products, which have high potential to replace natural material and address shortage of building materials. It was also informed that regulatory frameworks already exist which says that procurement of materials made from C&D waste shall be made mandatory to a certain percentage (10-20%) in municipal and Government contracts subject strict quality control. It was stated that about 8 lakh tonnes of recycled material is lying at these sites and there has been poor lifting by many of the organisations who could utilize this material for construction purposes. If this situation persists, the viability of the plants itself will be threatened. Chief Engineer, NDMC also listed out the benefits and uses of the recycled material.

4. After further discussions, the following decisions were taken:

(a) CPWD has already issued an OM on 23.5.2018 wherein direction has been issued to ensure maximum utilization of C&D waste in the construction activities and also to incorporate suitable clause and items of recycled products in the contract documents by the NIT approving authority. The aforesaid OM also states that product manufactured from C&D recycled waste can be used in the works subject to quality control and meeting relevant standards and specifications. The indicative list of application has also been given in the OM.

CPWD may assess whether the OM in its present form will ensure utilization of recycled material of C&D waste by the user agencies. If need be, a more comprehensive OM may be issued. All the user organizations which are guided by the CPWD OM may take necessary action for compliance without further loss of time.

**(Action: CPWD)**

(b) On the lines of CPWD's aforesaid, all other user agencies have been asked to make similar provisions and add mandatory clause in the contract documents for use of recycled produce in various construction activities.

**(Action: CPWD, NBCC, DDA, NHAI, MCDs, NDMC and NCT Delhi)**

(c) NBCC informed that it has also made provision for mandatory use of recycled produce in some projects. Contractors have been asked to provide invoice for the same. However, this provision was not made applicable in all of their projects across Delhi. NBCC needs to consider issuing direction for mandatory use of recycled produce in its all projects.

**(Action: NBCC)**

(d) It was informed that for four km of Express Bakkarwal Road constructed by DDA, 2.6 lakh tonnes of recycled material was used. However, remaining 6 km of road is to be constructed by NHAI. NHAI may also be suitably instructed to use recycled material for this purpose. A letter to NHAI may be issued.

**(Action: MoHUA/ NHAI)**

(e) NCT Delhi has informed that decision has been taken by them in their meeting dated 16.5.2018 regarding use of recycled produce in the construction activities. Delhi Govt. may consider issuing instructions in this regard for mandatory inclusion of clause in the contract for use of recycled produce.

**(Action: NCT Delhi)** ✓

(f) All agencies need to take pro-active steps for use of recycled produce in the existing projects also, besides mandating its use for all future projects.

**(Action: CPWD, NBCC, DDA, NHAI, MCDs, NDMC and NCT Delhi)**

(g) ILFS has informed that the screened soil can be used for filling the ramp portion of the flyovers. This will be a good source of utilization of screened soil. All user agencies have been asked to take suitable action in this regard.

**(Action: CPWD, NBCC, DDA, NHAI, MCDs, NDMC and NCT Delhi)** ✓

(h) To ensure strict monitoring of the situation regarding use of recycled material in construction projects, all supervisory officers at appropriate levels of user agencies may obtain monthly returns on this from their field agencies and may maintain a database accordingly to be seen and analyzed for taking appropriate action.

**(Action: CPWD, NBCC, DDA, NHAI, MCDs, NDMC and NCT Delhi)**

5. The meeting ended with a Vote of Thanks to the Chair.