

**RW/NH-34066/09/2017-S&R (B)**  
**GOVERNMENT OF INDIA**  
**MINISTRY OF ROAD TRANSPORT & HIGHWAYS**  
**S&R -(Bridges)**  
**Transport Bhawan, 1, Parliament Street, New Delhi-110001**

Dated: 21.07.2020

To,

1. The Chief Secretaries of all the State Governments / UTs.
2. The Principal Secretaries / Secretaries of all States / UTs Public Works Department dealing with National Highways, other Centrally sponsored schemes.
3. The Engineers-in-Chief and Chief Engineers of Public Works Department of States/UTs dealing with National Highways, other Centrally sponsored schemes.
4. The Director General (Border Roads), Seema Sadak Bhavan, Ring Road, Delhi 110010.
5. The Chairman, National Highways Authority of India, Plot G-5 & 6, Sector-10, Dwarka, New Delhi 110075.
6. The Managing Director, NHIDCL, PTI Building, Parliament Street, New Delhi 110001

**Sub: Use of Manufactured aggregates in National Highways works - reg.**

Sir,

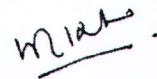
All coarse and fine aggregates conforming to IS:383 are used in all civil works for National Highways. The use of manufactured aggregates (manufactured from other than natural sources, by processing materials, using thermal or other process such as separation, washing, crushing and scrubbing) namely Iron slag, steel slag, copper slag, bottom ash from thermal power plants, recycled concrete aggregates (RCA) and recycled aggregate (RA) (both resourced from construction and demolition wastes), has already been introduced vide clauses 3.1.4 and 3.2 of IS:383-2016. It is, however, brought to the notice of the Ministry that the contractors find difficulty to use aforesaid alternative aggregates mainly due to non-revision of concerned clauses in IRC codes/special publications or Ministry's specifications.

2. It is therefore decided that all contractors are allowed to use all aforesaid manufactured aggregates conforming to IS:383-2016 subject to their extent as permitted under clause 4.2.1 of IS:383-2016. However, all the aforesaid manufactured aggregates cannot be used in prestressed concrete. Till appropriate revision of IRC or Ministry's codes/specifications, this circular should be made part of Schedule D of bids for all NH works, after issue of this circular.

3. The contents of this Circular may please be brought to the notice of all the Concerned in your Organization for strict implementation. This circular will be implemented from the date of its issue.

4. This issues with the approval of the Competent Authority.

Yours faithfully,



(Jitendra Kumar)  
SE-S&R(Bridges)  
For Director General (RD)&SS

P.T.O

**Copy to:**

1. All Technical Officers in the Ministry of Road Transport & Highways.
2. All Joint Secretaries in the Ministry of Road Transport & Highways.
3. All ROs & ELOs of the Ministry of Road Transport & Highways.
4. The Secretary General, Indian Roads Congress - with the request to inform the concerned IRC committee for incorporating it under all relevant clauses of concerned IRC codes/special publications.
5. The Director, IAHE.
6. Technical circular file of S, R&T (B) Section.
7. NIC for uploading on Ministry's website.

**Copy for kind information to:**

1. PS to Hon'ble Minister (RT&H, MS&ME) / PS to Hon'ble MOS (RT&H).
2. Sr. PPS to Secretary (RT&H).
3. PPS to DG (RD) & SS.
4. PPS to AS & FA/ADG-I.