

No. RW/NH-35072/2/2003-S&R(R)

Dated, the 13th March, 2006

To

The Secretaries of States/Union Territories, Public Works Departments (dealing with National Highways and other Centrally sponsored schemes); The Engineer-in-Chief and Chief Engineers of State PWDs and UTs (Dealing with National Highways and other Centrally sponsored schemes); The Chairman, National Highways Authority of India; The Director General (Border Roads)

Subject : Use of Crushed Slag for Road Construction

Ministry's Specifications for Road and Bridge Works (Fourth Revision) inter-alia permit the use of crushed slag for road construction as per Clause 401 for granular sub-base, Clause 403 for cement treated soil sub-base/base and Clause 404 for WBM sub-base/base.

2. This Ministry on receiving references from M/o Environment & Forests and Steel Authority of India Ltd had earlier requested vide letter No. RW/NH-33044/8/98-S&R dated 13th November, 1998 to consider the utilization of crushed slag in construction of National Highways, and other Centrally Sponsored Works. It may be noted in this regard that the first, second and the third revisions of the Ministry's specifications for Road and Bridge Works had also allowed use of crushed slag in granular sub-base, cement stabilized/treated soil sub-base/base and WBM sub-base/base.

3. Ministry of Environment & Forests has taken further initiatives towards effective utilization of such waste materials derived from iron and steel plants as per the directives of the Government. Use of such materials in various construction projects including Highways Projects is to be encouraged as a part of this initiative. This initiative, even though primarily intended as an environmental friendly measure, is also envisaged towards utilization of the available waste by-products from iron/steel manufacturing plants in a cost effective manner and lessen the burden of procuring natural aggregates.

4. It is, therefore, reiterated to explore the possibilities for utilization of this material for construction of National Highways and other Centrally sponsored Works. Feedbacks on their utilization may please be reported to the Ministry from time to time.

5. This may please be brought to the notice of all concerned officers in your organization/department for needful compliance.
