

No. RW/NH-33044/30/2001-S&R(R)

Dated the 30th June, 2003

To

The Secretaries of State/Union Territories, Public Works Department (Dealing with National Highways), All Chief Engineers of States/Union Territories (Dealing with National Highways), The Chairman, National Highways Authority of India, The Director General (Border Roads) .

Subject: Use of Flyash in road construction: Feedback thereof

Ministry vide letter of even no. dated 29.11.2001 (copy enclosed) has requested to use flyash in road embankment construction especially in the areas where flyash is available in plenty following guidelines of IRC:SP-58-2001 and feedback on its utilisation reported to the Ministry. No feed back has been received so far from your State inspite of the reminder of even no dated 18th April, 2002.

The High Level Committee of Secretaries under the Chairmanship of Cabinet Secretary, in its meeting held on 31.10.2001 on the Flyash Mission has decided to use flyash compulsorily in construction of roads within 100 km of Ash dumps. The matter has become the subject of a Public Interest Litigation in the Hon'ble High Court of Delhi which has expressed its concern about the slow progress in the matter.

It is, therefore, requested that Action Taken Report and feed back on its utilisation may please be intimated preferably by Fax latest by 15th July, 2003 positively to the Ministry addressed to the undersigned, Room No. 328, Transport Bhawan, Parliament Street, New Delhi-110 001 for further necessary action.

Priority is solicited.

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*(Enclosure to Ministry's Circular No. RW/NH-33044/30/2001-S&R (R) dated the 30th June, 2003)*

Copies of letter No. RW/NH-33044/30/2001-S&R(R) Dated the 29.11.2001 addressed to The Secretaries of States/Union Territories, Public Works Departments (Dealing with National Highways), All Chief Engineers of States/Union Territories (dealing with National Highways), The Chairman, National Highways Authority of India, The Director General (Border Roads).

Subject: Use of Flyash in road construction

You may please be aware that the flyash is available in plenty as industrial by-products at thermal power plants in the country. Studies reveal that flyash has potential for use as road construction material. Flyash has been successfully used in approaches to bridges and flyovers with requisite quality control. Maximum possible utilization of the flyash would lessen the burden of procurement of soil and other fill materials for embankment construction besides being an environmental friendly measure. Flyash has also use in soil-stabilization and concrete works in pavement sub-base and base course construction.

The Indian Roads Congress has recently published Special Publication No. 58 "Guidelines for use of flyash in road embankments". Guidelines for use of flyash in sub-base and base construction are available in IRC codes viz. IRC: 74 and IRC: 88.

The Ministry of Environment and Forests in their notification dated 14.9.999 has prescribed the use of flyash for construction of road, embankments or any other construction activity. This notification inter alia provides flyash to be available at source without any payment for at least ten years from the date of notification.

It is, therefore, requested that use of flyash should be included in specification of road construction especially in the areas where flyash is available in plenty within economical leads. The feed back on its utilisation may please be reported to the Ministry from time to time.

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