



No. RW/NH-33044/127/2016-S&R(P&B)  
GOVERNMENT OF INDIA  
**MINISTRY OF ROAD TRANSPORT & HIGHWAYS**  
(S&R(P&B) Section)  
Transport Bhawan, 01, Parliament Street, New Delhi-110 001

Dated: 6<sup>th</sup> August, 2018

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. All 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 Bhawan, Ring Road, New Delhi-110 010.
5. The Chairman, National Highways Authority of India, G-5 & 6, Sector-10, Dwarka, New Delhi-110 075.
6. The Managing Director, NHIDCL, PTI Building, New Delhi-110001
7. All CE-ROs, ROs and ELOs of the Ministry

**Subject: Use of anti-stripping agent for bituminous layer -reg.**

As per Ministry's Specification various tests are to be performed on aggregate bitumen and also on the bituminous mix. One of such test is coating and stripping of bitumen aggregate mix to ensure proper bonding of aggregate and bitumen. As per Ministry's Specification ,coating and stripping of bitumen aggregate mix is to be performed in accordance with IS 6241. In case the coating and stripping of bitumen aggregate mix is less than 95% ,anti-stripping agent is to be used. The requirement including the test to be performed for anti-stripping agent for bitumen addition has been prescribed in IS 14982:2017.

2. It is requested to ensure that the Concessionaire/Contractor, while designing the bituminous mix, should conduct the coating and stripping of bitumen aggregate mix and should use anti-stripping agent in case coating and stripping of bitumen aggregate mix is less than 95%. The anti-stripping agent should conform to the requirement as stipulated in IS 14982:2017.

3. This Circular issues with the approval of Secretary (RT&H).

Yours faithfully,

*Raj Kumar*  
(Raj Kumar)

Assistant Executive Engineer - S&R (P&B)  
For Director General (Road Development) & SS

**Copy to:**

1. All CEs in the Ministry of Road Transport & Highways
2. The Secretary General, Indian Roads Congress
3. Technical circular file of S&R (R) Section
4. NIC-for uploading on Ministry's website under "What's new"

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2. PPS to DG (RD) & SS/All ADG's
3. PPS to AS&FA
4. PS to JS (T)/ JS (H)/ JS (LA&C)/ JS (EIC)

  
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