



RW/NH-34049/03/2020-S&R (B)
GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
 S&R -(Bridges)
 Transport Bhawan, 1, Parliament Street, New Delhi-110001

Dated: 22.01.2021

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 Stainless Steel in Bridges on National Highways and other centrally sponsored Projects to be constructed in marine Environment Susceptible to Severe Corrosion.

Sir,

Ministry vide circular No RW/NH/34041/44/91-S&R dated 14th March, 2000 prescribed use of Fusion Bonded Epoxy Coated Reinforcement in Bridges on National Highways and other centrally sponsored Bridge Projects in Marine Environment as detailed thereto. The various specifications, conditions etc. for use of Fusion Bonded Epoxy Coated Reinforcement have also been stipulated in the above said circular.

2. The instructions given hereby are now in supersession of the above circular in light of the further experience/knowledge gained and modifications/evolution of new standards/specifications.
3. It has been decided that the stainless steel conforming to the requirement stipulated in IS:16651:2017 shall be used for reinforced concrete bridges (superstructure and substructure) on National Highways located in Extreme Environment Exposure as defined in IRC:112:2020. In locations, where it is difficult to ascertain the environment exposure condition, a zone within 15 km from the sea or creek shall be considered as Extreme Environment.
4. 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 issuance.
5. This issues with the approval of the Competent Authority.

Yours faithfully,

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(Jitendra Kumar),
 Superintending Engineer, S&R - (Bridges),
 For Director General (Road Development) & 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.
5. The Director, IAHE, Noida
6. Technical circular file of S&R (B) Section.
7. NIC for uploading on Ministry's website under "what's new".

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/ADG II/ ADG III/ ADG IV

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