



भारतीय राष्ट्रिय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)
National Highways Authority of India
(Ministry of Road Transport and Highways)
जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075
G-5 & 6, Sector-10, Dwarka, New Delhi-110075

दूरभाष / Phone: 91-11-25074100/25074200
फैक्स / Fax: 91-11-25093507 / 25093514
एक्स. / Extn.: 2223 / 2318 / 2468 / 2553

No. 11041/218/2007-Admn.

Dated: 21/06/2010

POLICY MATTER: TECHNICAL (62/2010)
[Decision taken on TIC file No. NHA/TECH/ TIC/INDUC/2010]

Sub: **Use of New Material/Technology Accredited on Trial Basis by IRC**

The Committee for Accreditation of New Materials and Techniques formed under the aegis of Highway Research Board of Indian Roads Congress to accredit patented or new materials/techniques, developed in India/abroad and evaluated as per recognized National International Specification and accredit new materials/techniques for a period of 2 years for being used on trial basis:

It has been decided to encourage the use of new materials/technologies in NHA works.

Following procedure for use of New Materials/techniques Accredited by IRC will be adopted by NHA.

On Request from Manufacturers/Suppliers:

On receipt of request from Manufacturers/Suppliers: of accredited material, after evaluation in NHA, trial of their product at on going construction projects can be permitted in consultation with the supervision consultant and the contractor.

The Manufacturers/Suppliers shall bear cost of trial and all extra cost of performance evaluation through reputed research institute. Half yearly feedback on performance of sections shall be intimated to NHA.

NHA shall however, have the overriding authority to take its own decisions at any stage of the field trials, if in its opinion such field trials in any project reach is likely to adversely affect the progress/completion /COD/operation /toll collection, or adversely impact the concession / contract agreement of the project in any way.

On Request from Concessionaire of PPP Project:

Since IRC SP-84/2009 for works on PPP permits the concessionaire to adopt international practices, alternative specifications, materials and standards to bring innovation in the design and construction provided they are better or comparable with the prescribed standards. These new materials/technologies may also be permitted for use provided they are better or comparable with the prescribed standards.

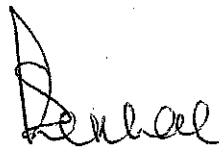
For use of these material/technologies in PPP projects:

- The proposal is required to be made by the concessionaire.
- Independent Engineer shall examine the proposal and forward it to NHAI with his comments
- NHAI shall examine the proposal and permit the use of these material subject to:
 - Adverse consequences, if any, arising from such use shall be treated as concessionaires Default.
 - Arrangements for concessionaire and all costs to such evaluation will be borne by the concessionaire.
 - Half yearly feedback on performance shall be intimated to NHAI.

FOR EPC PROJECTS:

- The proposal is made by the DPR consultant.
- Expert Committee of NHAI shall examine the proposal and make its recommendations for use of new Material/Technology on case to case basis.
- On acceptance of the recommendation of Expert Committee use of these materials/technologies shall be included in the works contract.
- Provision for performance evaluation through reputed research institute will be made in the civil works contract.
- Half yearly feedback on performance shall be intimated to NHAI

This issues with the approval of Chairman.


(M. Chandrashekhar)
GM (TIC)

To:
PS to Chairman
PS to all members
All CGMs/CVO
All GMs/DGMs
All PIUs/CMUs/SPVs

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