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OFFICE OF THE CHIEF ENGINEER (NH), PWD RAJASTHAN, JAIPUR

No.: CE (NH) TA/D-2986

Date: 02.01.2004

CIRCULAR

Use of Crumb Rubber Modified Bitumen conforming to specifications given in IRC - SP: 53-2002 on heavily trafficked sections of National Highways and other centrally sponsored schemes has been suggested by Ministry of Road Transport & Highways.

It is directed that in future, provision of Crumb Rubber Modified Bitumen (CRMS-60) shall be made as binder for wearing course in all estimates of CRF bituminous works.

While using modified bitumen following guidelines should be adhered to:

1. Only Refinery manufactured modified bitumen should be used. It is mandatory to check purchase evidence that modified bitumen has been purchased from refineries. Mixing at site should not be allowed in any circumstances.
2. Properties of modified bitumen should confirm to IRC-SP: 53-2002
3. Random samples from each lot of modified bitumen received shall be tested at approved laboratories.
4. All tests for bitumen like Penetration, Softening Point, Elastic Recovery, Flash Point, Separation etc. should be carried out as per norms.
5. A good and efficient surface and sub-surface drainage shall be ensured for a long lasting and strong pavement.
6. Performance of the pavement shall be monitored on regular basis. The performance report shall be sent to this office every six months.

The receipt of this circular may please be acknowledged.

[Signature]
 2-1-04
 Chief Engineer (NH)
 PWD Rajasthan, Jaipur.
 Date: 02.01.2004

No.: CE (NH) TA/D-2986

Copy to the following for information and necessary action:

1. The Chief Engineer, PWD Rajasthan, Jaipur.
2. The Chief Engineer (Roads), PWD Rajasthan, Jaipur.
3. The Managing Director, RSRDCC, Jhalana Doongaree, Jaipur.
4. The Addl. Chief Engineer, PWD, Zone (All).....
5. The Superintending Engineer, PWD, Circle (All).....
6. The Executive Engineer, PWD Division (All).....

[Signature]
 2-1-04
 Chief Engineer (NH)
 PWD Rajasthan, Jaipur.

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