

Testing of Road

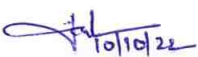
Following tests are to be performed for checking the quality of work done by contractor.

1. Core cutting test is to be done from any government approved lab for checking the compaction of road. In case the compaction thickness is found less than the specified thickness, the recovery @ 1.25 times of the value of shortfall shall be done from the bill. The value of shortfall shall be calculated on the basis of relevant IS/DSR/ DAR/IRC as per discretion of BHEL.
2. Bitumen content as mentioned in the tender shall also be tested by any government approved lab. In case bitumen content is found lower than the prescribed percentage, the recovery @ 1.25 times of the value of shortfall shall be done from the bill. The value of shortfall shall be calculated on the basis of relevant IS/DSR/ DAR/IRC as per discretion of BHEL.
3. In case the bitumen content or compaction is found higher/ better than the prescribed percentage no additional payment shall be made to contractor.
4. The cavities generated during testing shall be filled by contractor free of cost.
5. Test samples shall be collected at BHEL Rudrapur site as per below details:
 - a. Centre of the road – 2 samples.
 - b. Left side of the road- 2 samples.
 - c. Right side of the road – 2 samples.
6. Contractor shall use the bitumen as per the viscosity grade specified in the tender. In compliance to this, contractor has to submit the test certificate for viscosity grade of bitumen.
7. Testing facility for fine and coarse aggregate should be available in the hot mix plant and the same shall be checked physically by BHEL at the time of preparation of hot mix.
8. The above tests and certificates shall be in the scope of contractor and no extra payment shall be done for these testing or certificates. All the tests shall be done in a government approved laboratory and mutually agreed by BHEL & contractor. Contractor to furnish a copy of validity certificate for laboratory.
9. Mixing, rolling and laying temperature shall be as per below details:

Mixed material temperature	Laying temperature	Rolling temperature
150-165 degree C	Not less than 140 degree C	Not less than 90 degree C

Submitted for issuing corrigendum as per above details for TE No 202201791 for laying of bituminous road.

Prepared By



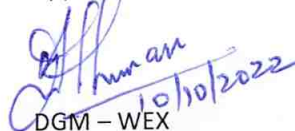
Engineer -WEX

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Manager -WEX

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