



रेल भूमि विकास प्राधिकरण
Rail Land Development Authority
(रेल मंत्रालय, भारत सरकार का सांविधिक प्राधिकरण)
(A Statutory Authority under Ministry of Railways, Govt. of India)

To,

Authorized Signatory
Girdhari Lal Construction Pvt Ltd
Main Railway Station, Santra Market,
Nagpur 440018

(Kind Attention: Zuber Ahmed)

Name Of the Project: Major Up-gradation of Nagpur Railway Station of Central Railway

Subject: Approval for Crystalline Admixture of Bulwark Conchem.

Ref: - GLCPL letter no. GLC/NAGPUR/RLDA/05/23-151 Dated 31.06.2023.

With reference to above referred submission of credential Crystalline Admixture of Bulwark Conchem, for Procurement and use. RLDA has reviewed the concrete mix design details and issuing Approval. Our observations / comments are mentioned below;

1. Contractor to ensure that the raw material used during trials mixes, the same source of materials shall be used for the actual concrete production.
2. Contractor is instructed to note that only one approved source of raw materials i.e Cement, Micro silica/ Flyash and admixture shall be used at a time.
3. Contractor shall submit initial field test for trial mix design, M35 & M40.
4. Water absorption and moisture correction to be done before the commencement of every batch concrete production and records shall be maintained at site laboratory.
5. Contractor to ensure that Concrete placing temperature shall be shall not exceed 32°C nor below 5 °C as per Technical specification.
6. Contractor to ensure for every lots of admixture for reinforced concrete, the chloride content of admixture used shall not exceed 2 percent by weight of the admixture.
7. However, RLDA issues the No NOC (Notice of No Objection certificate) subject to the compliance of above comments and retrial & more trials shall be carried out to have better performance on permeability & RCPT.
8. Initially approval is being given for the grade concrete (M35 & M40). On satisfactory performance of lower grade concrete with Crystalline admixture then retrial may be carried out for higher grade.
9. NoNOC / Approval from RLDA doesn't absolve, Contractor from its responsibility as per relevant codes and contract condition.
10. NOC may be revoked; if there is any violation of quality norms as per contract conditions and relevant IS codes,

This is for your information and further necessary action in this regard.



CPM/NGP/RLDA