

Lecture 2.8: Concrete chain - Various stages of making fresh concrete at site

Concrete Technology (DI04006011)

Civil Engineering Department

Lecture Agenda

- 1. Concrete chain - Various stages of making fresh concrete at site
- 2. Summary and Q&A

2.1 Concrete chain - Various stages of makin...

- Batching: Accurately measuring materials (cement, aggregates, water, admixtures).
- Mixing: Thoroughly blending the batched materials to achieve a uniform, homogeneous mass.
- Transportation: Moving the fresh concrete from the mixer to the final placement location.
- Placing & Compaction: Depositing concrete into forms and removing entrapped air.
- Finishing & Curing: Leveling the surface and maintaining moisture for hydration.

Summary

- Recap of the specific material properties and methods discussed.
- Always refer back to the standard IS codes for parameter limits.