

5.5 READY MIX CONCRETE

- ✓ Concrete prepared at plant or in track mixers and delivered to the construction site is called ready mix concrete [RMC]. It is particularly useful in congested sites or in road construction, where the space requirement for material storage and preparing the concrete is inadequate.

Advantages of RMC

- Low cost
- High durability
- Can be manufactured for desired strength
- No quality control required as in case of concrete prepared in site
- Useful in congested sites or in road constructions
- RMC plants continuously produces concrete with uniform quality. Durability and strength , in each batch
- It creates an efficient operation at job sites, regarding the work, alignment and finishing etc.
- It eliminates the time spent by the supervisors in estimating the quantity of raw materials.
- It reduces, labour required to handle and mix the materials etc.
- It eliminates the space requirement for platform and storage of raw materials.
- No excess material presents at the end of the work
- No waiting time for laying the concrete and concrete is available all the time.
- RMC is an economical product , if used in larger quantities
- A mixer is not needed to be purchased or rented or leased for use.
- Desired strength can be achieved by altering the mix proportion and quality standard can be maintained.

STATIONARY READY MIX PLANT

