

RMC Plant Capability Certification Scheme

India is having a remarkable growth in Construction & Infrastructure Development segment. In this era of huge construction & infrastructure development, the two major demands are-

- a. Speedy Construction
- b. Improved Quality of Concrete

One of the important missions of RMCPSC has been to develop, maintain and continuously improve the self regulatory framework of quality of concrete. Further, the RMCPSC has taken enormous efforts in evolving a quality scheme for RMC and implementing the same in different parts of the country. Ready Mix Concrete (RMC) is one of the most critical inputs in the infrastructure & building industry and therefore its quality is of paramount importance. As India invests in building her infrastructure, the quality of RMC cannot be underestimated, and this can be ensured only by maintaining the quality of the RMC manufacturing process. In order to propagate and encourage the use of RMC as an efficient and cost-effective method to supply fresh concrete with required performance expectations, the RMC MA in conjunction with the Quality Council of India (QCI), has developed an auditable criteria focusing on strengthening the RMC manufacturing processes to gain stakeholder confidence in the quality of RMC.

Why Certification:

Since concrete is a manufactured product, its quality and uniformity depends on the control over its manufacture. It must be produced with suitable ingredients accurately combined to specific proportions. These must be thoroughly blended and the finished product delivered according to the requirements of the purchaser. Although success depends upon several factors, a vital prerequisite is the availability of proper, well-maintained equipment and an efficient production facility.

The quality of a ready mix concrete is a chain of requirements in both concrete stages -- fresh and hardened. To achieve these requirements, comprehensive quality control procedures are expected to be applied in the concrete batch plant as well as in the construction site to control processes related to –

- A. TESTING OF RAW MATERIALS,
- B. CONCRETE BATCHING,
- C. CASTING,
- D. CONSOLIDATION,
- E. CURING AND OTHERS

Certification schemes available with ESCPL is “**RMC Capability Certification based on the RMC Production Control Criteria**”

Benefits of RMC Capability Certification

- Structured Approach for Concrete production
- Consistent Supply Chain - Clarity of Requirements from Specifications to Delivery
- Improved Process controls contributing to -
 1. Consistent product quality
 2. Improvement in effectiveness
 3. Reduction/Managing of product non-conformances to a Greater Extent
 4. Focused approach towards improvement in process efficiency
- Audit of Production Facility/Operations/processes by a 3rd party – An Impartial & Objective Approach
- Certification of Compliance – **A major Indicative of the Plant capability to produce quality concrete on consistent basis thereby giving a competitive edge.**

A brief overview of the certification requirements is as below (also refer to the Client section for more details)-
Audit Mandays (including onsite + offsite)

CERTIFICATION ACTIVITY	RMC CAPABILITY CERTIFICATION
Certification Audit	2 Mandays per plant
Surveillance (6-monthly)*	2 Mandays per plant

DOCUMENTATION	RMC CAPABILITY CERTIFICATION
Production & Quality Control Manual	Y
Tables 1 to 11 as per Section B of "Criteria for RMC Production Control" duly filled up (as necessary) with supporting documents.	Y

* At least one surveillance audit annual basis required to be done as a surprise audit.

Equalitas Systemcert Pvt Ltd (ESCPL) is one of the few certification bodies accredited by QCI to audit as per the set standards for manufacturing RMC & subsequent to satisfactory level of conformance, certify such plants for "RMC Capability Certification".

List of Certified Clients

Green = Certificate Valid
Orange = Certification Status under Review
Red = Suspended

Click here for Clients List.