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OSLO
June 7 - June 8 2018



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EVOLUTION OF GREEN CERTIFICATION FOR READY-MIXED CONCRETE IN INDIA

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Abstract

The ready-mixed concrete (RMC) industry has been growing steadily in India. The evolution of the Indian RMC industry as well as the industry's attempts in developing and implementing a quality framework have been well documented in two papers presented in previous ERMCO Congresses^{1,2}. Thanks to the sustained efforts made by the Ready-Mixed Concrete Manufacturers' Association (RMCMA), jointly with three other stakeholders, namely, the Indian Green Building Council (IGBC), Quality Council of India (QCI) and the International Finance Corporation (IFC), the industry has now accomplished one more progressive landmark that involves development of green certification for RMC in India.

Termed as "*Greenpro*" certification for RMC, this certification, developed by an expert group adopting the well-known 3"R"(Reduce, Recycle and Reuse) techniques, evaluates the green features of RMC based on eight parameter and is both plant-specific and product-specific. The certification system also addresses the national sustainability-centric priorities set by the government of India to tackle the climate change issues..

The paper briefly describes the salient features of the *Greenpro* Certification System for RMC.

Keywords: Sustainability, *Greenpro*, product certification, 3"R" techniques,

References

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