

Case Study



PROJECT INFORMATION

- Project name:** L&T CTS Cochin, Chennai
- Client:** Cognizant
- Consultant:** Engineering Design Research & Consultancy (EDRC)
- Contractor:** Larsen & Toubro Ltd
- Location:** Brahmapuram, Cochin Kerala, India

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expertise quality full range





PROJECT REQUIREMENT

Task at Hand

Cognizant, a U.S-headquartered company specialising in information technology (IT) solutions, consulting, and business process outsourcing (BPO) services, decided to expand its operations into Cochin, India.

The project has different grades of concrete requirements for different stages of building through the structure; post tensioned slabs & columns with grade M45 and for piling grade M30 was required, with its unique design of post tensioned slabs, columns and piles to achieve the required properties of fresh and hardened concrete properties, this was a quiet challenge to the concrete contractor and ready mix plant.

Volume Covered

Concrete quantity was 250,000 cubic meter with different dosages of Supaflo PC711 and Supaflo Special to meet different requirements of building stages and weather conditions regarding retention and specified grade.

DCP SOLUTION

In order to achieve the different grades of concrete with different placing conditions DCP's technical team had done extensive trials to match the requirement of 90 minutes retention & getting the target strength in 7 & 28 days.

Customer was satisfied with the service provided by DCP and performance of the products as they have provided the intended requirements.

Products & Quantities

Product	Unit of Measure	Total Quantity
Cempatch HM	MT	24
Flo-Add1	KG	400
Quickmast 108	KG	85
Supaflo PC 711	MT	29
Supaflo Special	MT	76

Supply Period

From 2012 to 2014.

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