

CDC CONCRETE LTD.



www.cdconcrete.com

CDC READY MIX CONCRETE PLANT

Total Concrete Solution at your doorstep

Established in 2021, CDC Ready-Mix Concrete started maneuvering in the country with a view to supplying high-quality ready-mix to participate in the prestigious constructions of private and public projects that can contribute to the nations' development and prosperity.

CDC Ready-Mix Concrete takes pride in producing and delivering a wide range of products entailing conventional concrete, high-strength concrete, high performance concrete, self-compacting and lean mixes.

Under the dynamic leadership of highly experienced management members, the company always thrives in intruducing quality products that can meet the domestic demand and go beyond.

Based on fully mechanized system and latest technology located in the heart of Capital, Mirpur Area near Eastern Housing CDC Group evolved in the segment of manufacturing Ready Mix Concrete and have already captured a remarkable share in the market for our product, which have been appreciated very much by the end users in respect of quality and service. We have experienced professionals, senior officers and QC personnel as well as highly experienced Transport Team, Pump Team, staff and workers who provide both specialized and general services in various fields of the Ready-Mix.

VISION

Our Vision is to combine the highest quality products with an unmatched level of market and technical support. We will also ensure the most cost-effective and environment-friendly building solutions and will continue to embrace this philosophy, as our customer base grows.

MISSION

Our Mission defines our Roadmap. We excel to develop and deliver value-added Ready Mix & block products to our esteemed customers, consistently outperform our peers, build enduring relationships with our business associates and stakeholders, provide a dynamic and challenging environment for our employees, and aim to achieve incremental growth of our business thereby having a positive economic and social impact on the community and the nation.



WHY USE READY MIX CONCRETE?

- ✓ Consistent Quality can be achieved through proper control over the quality raw materials
- ✓ RMC saves a lot of time
- ✓ W/C ratio can be maintained accurately
- ✓ Very easy in construction
- ✓ Higher strength can be achieved
- ✓ Less quantity of labor is required
- ✓ Various strength can be obtained
- ✓ Reduced construction time & cost
- ✓ Save site space for materials stacking
- ✓ Eco friendly due to less wastage of material

CDC READY MIX CONCRETE RESOURCES

Strength of Concrete is the most important thing in your Construction. The degree of strength varies according to the size of the construction structure. And this strength depends on the quality of the concrete you use. CDC Ready Mix Concrete ensures the required and desired level of strength for your building having the following resources:

- RMC Plant is taken from one of the best brands named ELKON from Turkey
- Production Operated by software & automated PLC controller
- Production capacity of Batching plant is 60m³/hour (Average 25000 cft/day)
- 04 No's high performance concrete pump scapable to rise up to 40th floor and horizontally 1000ft
- 24 hours non-stop production facility supported by 02 No's diesel generator
- 14 No's Brand-new Transit Mixture Trucks with 8m³ capacity
- 02 No's Cement silos having a total capacity of 200 MT
- Well-equipped Concrete Research Laboratory
- 04 No's Pickup to carry concrete pumps and pipes
- 02 No's deep tube well for ensuring fresh water
- Own digital diesel filling station having storage of 15,000 liters
- Own Weight Bridge Scale for checking the measurement by weight
- Best Quality Raw Materials
- Bigger Stackyard
- Use of best quality and world class construction admixtures
- We are under procurement process of another 120m³/HR capacity RMC Plant within a short time.



CDC READY MIX RAW MATERIALS

Cement (OPC/PCC)

Cement Brand "Seven Rings cement/Scan/Lafarge Holcim or any other cement as client desire is used exclusively in the production of CDC Ready-Mix Concrete.

Fine Aggregate (Sand)

Clean "Sylhet Sand" directly sourced from Sylhet which can be found in convenient sizes for mixing purposes with FM greater than 2.5.

Coarse Aggregate (Stones)

100% "Boulder Crushed" imported stones from Dubai, India & Oman is used in the production of CDC Ready-Mix Concrete according to customers specifications.

Water

Fresh potable water from a deep tube well established in each plant is used in CDC Ready-Mix Concrete.

Chemical Admixture

For the purpose of super plasticizing and retarding. imported admixture from Germany & India is used in CDC Ready-Mix Concrete i.e. Conmix, Fosroc, Sika, Ecmas, BASF etc.

QUALITY CONTROL

Ready-Mix Concrete is supplied in a variety of grades and compositions to meet specific demands of customized applications - from simple requirements for small homes to High-Performance Concrete to meet the complex needs of mega projects.

Each of our plants has a fully equipped laboratory with the latest in testing machines to carry out routine and detailed tests of raw materials as well as freshly finished concrete. These in-plant laboratories are organized in association with the facilities of the relevant codes i.e. ASTM, ACI, AASHTO, BS, IS etc.

The quality assurance systems and procedures implemented by CDC Ready-Mix Concrete monitor every stage of the entire business process. Right from the processing of the order, purchase/Control of materials, and concrete mix design to production, sales, delivery and control of the concrete. A very qualified QC Team is dedicatedly monitoring all the QA & QC at every stages of production.



LAB FACILITY

Fully equipped laboratories have been set up at our plants to carry out various tests on concrete and on constituent raw materials. Concrete mixes of various grades are designed in a laboratory as per established procedures to comply with Standard Specification. The following tests are performed in our laboratory arrangement:

- Fineness Modules (FM)
- Moisture Content & Water Absorption
- Unit Weight
- Specific Gravity
- Silt & Clay Content
- Gradation
- Aggregate Crushing Value (ACV)
- Los Angeles Abrasion Test
- Flakiness & Elongation
- Compressive Strength
- Fineness
- Consistency
- Setting Time
- Slump Test

TEST

The concrete is cured in the curing tank for 28 days and then a set is sent to BUET lab for getting the supplied concrete strength. The test result is very important for the acceptance of on-site concrete work since it demonstrates the strength of the mix design.

SISTER CONCERN

- ▶ CDC Concrete Ltd.
- ▶ Starlit Homes Ltd.
- ▶ Johnson Elevator Ltd.
- ▶ Daizi Engineering & Construction Ltd.
- ▶ Confidence Design & Construction Ltd.
- ▶ Confidence Steel Building Technologies Ltd.
- ▶ CDC Furniture and Interior Ltd.



CDC CONCRETE LTD.



Dubai Stone



Sylhet Sand



Slump Test



Concreting at site



Control Room



Pump Machine



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