



Value Concrete Solutions

WE MAKE ECO-FRIENDLY DURABLE CONCRETE



About us

Value Concrete Solutions (Valcon) is a leading manufacturer and supplier of ready-mix concrete with a strong presence in the construction industry. We have tailored solutions to meet the diverse needs of the construction industry. With a legacy of excellence and innovation, we are committed to delivering superior products and services that drive your projects to success. Established in 2022, we have consistently provided high-quality concrete solutions for residential, commercial, and industrial projects. Our focus on quality, timely delivery, and customer satisfaction has helped us become a trusted partner for clients across Chandigarh and Tricity Region. With state-of-the-art manufacturing facilities and a dedicated team of professionals, we ensure that our products meet the highest standards of durability and performance.

Our Vision

To be a trusted partner in the construction industry by providing eco-friendly, authentic, and innovative ready-mix concrete solutions.

Our Mission

We aim to build strong foundations by combining leading-edge technology, expert knowledge, and exceptional customer service. Our goal is to contribute to the creation of resilient infrastructure and sustainable growth for our clients and communities.

Technical Expertise at the Helm

Our company's strength lies in the unparalleled technical expertise of our directors, who bring decades of industry experience and academic excellence to the table. All our partners are qualified civil/structural Engineers from premier institute of the country. Their guidance ensures that every batch of ready-mix concrete meets the highest standards of quality, consistency, and sustainability.

Why Choose Us?

- 1. Expert-Driven Quality:** Our partners' technical qualifications ensure precise mix designs and adherence to global quality standards.
- 2. State-of-the-Art Infrastructure:** Equipped with modern batching plants and a robust fleet of transit mixers to meet large-scale demands.
- 3. Sustainability Commitment:** Dedicated to eco-friendly practices, including the use of recycled materials and green concrete technologies.
- 4. Customer-Centric Approach:** Tailored solutions to suit unique project requirements, supported by a responsive and professional team.



Automated Concrete Lab

MANUFACTURING CAPACITY

At Valcon, we operate with a significant production capacity to meet the growing demands of the construction industry. Our manufacturing units are equipped with advanced technology and machinery to produce up to **2500 plus cubic meters of ready-mix concrete per day**. This enables us to handle projects of varying sizes, from small residential buildings to large-scale infrastructure projects.

Currently we operate from two locations **Mubraikpur and Kurali in the Tricity region**. These strategic locations allow us to cover the entire Tricity region from the plants. We operate 24x7 to facilitate our clients, provide them best service with best quality and durable concrete for their projects.

We also ensure a quick turnaround time, so our clients receive the necessary concrete mixes exactly when they need them, ensuring the timely progress of construction projects.



Transportation & Placement Fleet

To ensure seamless delivery and placement, we maintain a large fleet of transportation vehicles and concrete placement equipment. Our fleet includes:

Transit Mixers: We have big Truck fleet comprising of Truck of variable capacity from 7 Cum to 9 Cum with trained drivers. To track and optimize our fleets

- We have invested in GPS-enabled trucks for efficient delivery.
- Maintain a well-organized dispatch system to reduce delays
- Maintain checklists and provide preventive maintenance for our transit mixers to ensure minimum breakdowns



Concrete Pumps: Our pump fleet comprise of stationary and mobile pumps both for efficient and precise placement of concrete, especially in hard-to-reach areas.

- As a practice we send our pumping supervisor on the sites a day before the pouring to inspect and check for any further requirements like scaffolding or any additional support to ensure a smooth and continuous pumping
- For an efficient pumping we keep dedicated and trained pump operators who work in close coordination with quality control team to ensure a better pumpable mix with zero chocking and wastage of Concrete while placing.
- We also maintain checklists and provide preventive maintenance for our concrete pumps to ensure minimum breakdowns

All our vehicles and equipment are maintained to the highest standards to ensure safe, reliable, and punctual delivery of concrete.



Our Offerings

We offer a comprehensive range of ready mix concrete solutions that are designed to meet the specific requirements of various construction projects. Our concrete mixes are engineered for strength, durability, and performance, ensuring that each project is completed to the highest standards. Below is a detailed overview of the types of concrete we manufacture:

Standard Concrete

Description:

Standard concrete, also known as conventional concrete, is the most commonly used type of concrete. It is primarily used for general construction work and is designed to provide a reliable and cost-effective solution for a wide range of applications.

Technical Specifications:

- Compressive Strength: Typically ranges from 20 MPa (2900 psi) to 40 MPa (5800 psi).
- Mix Ratio: Usually, a standard mix designs depending on the specific project needs.
- Applications: Foundations, slabs, pavements, and general structural elements.
- Curing Time: Initial setting time around 2-4 hours; full curing achieved after 28 days for optimal strength.

Advantages:

- Reliable and versatile.
- Cost-effective for most general-purpose projects.



High-Strength Concrete

Description:

High-strength concrete (HSC) is designed for applications that require enhanced strength and durability beyond the standard concrete mix. It is often used in high-rise buildings, bridges, and other heavy-duty structures where high load-bearing capacity is necessary.

Technical Specifications:

- Compressive Strength: Typically above 40 MPa (5800 psi), and can range up to 100 MPa (14,500 psi) depending on mix design.
- Mix Design: Incorporates low water-to-cement ratios and high-strength cement. Use of superplasticizers to improve workability.
- Applications: High-rise buildings, bridges, parking structures, and industrial floors.
- Curing Time: Extended curing periods to ensure optimal strength; may include the use of curing compounds or steam curing for faster strength development.

Advantages:

- Increased load-bearing capacity and long-term durability.
- Resists cracking and shrinkage, especially under stress or heavy loads.



Lightweight Concrete

Description:

Lightweight concrete is designed to reduce the overall weight of structures, making it ideal for applications where reducing the dead load of a structure is a priority. This concrete is created by using lightweight aggregates such as expanded clay, shale, or perlite, or by incorporating air-entraining agents.

Technical Specifications:

- Density: Typically ranges from 1400 to 1800 kg/m³ (compared to normal concrete, which is around 2400 kg/m³).
- Compressive Strength: Varies depending on mix design, typically between 5 MPa (725 psi) to 10 MPa (1450 psi).
- Mix Design: Includes lightweight aggregates and higher air content (about 15-25% air volume).
- Applications: Seismic-resistant buildings, multi-story buildings with limited weight-bearing capacity, and insulated concrete systems.

Advantages:

- Reduced weight allows for the use of smaller structural components, such as columns and beams.
- Excellent thermal and acoustic insulation properties.
- Improved workability and ease of handling.



Self-Consolidating Concrete (SCC)

Description:

Self-Consolidating Concrete (SCC) is a highly flowable, non-segregating concrete mix that is capable of flowing and filling formwork under its own weight without the need for mechanical vibration. SCC is ideal for complex or congested reinforcement areas where traditional compaction methods are difficult to apply.

Technical Specifications:

- Flowability: High flow ability and workability without segregation.
- Compressive Strength: Typically ranges from 25 MPa (3600 psi) to 100 MPa (14503 psi), but strength can be adjusted based on project needs.
- Mix Design: Incorporates a combination of fine aggregates, cement, water, and superplasticizers to achieve high workability and viscosity.
- Applications: Precast concrete, architectural elements, high-quality finishes, and complex geometries in bridges, columns, and beams.

Advantages:

- Reduces labor and material costs by eliminating the need for vibration.
- High-quality finishes with minimal voids and honeycombing.
- Ideal for complex structural forms and confined spaces with dense reinforcement.



Fiber-Reinforced Concrete (FRC)

Description:

Fiber-reinforced concrete incorporates short, discrete fibers made from steel, glass, synthetic materials, or natural materials, which are uniformly distributed throughout the mix. These fibers enhance the concrete's toughness, ductility, and impact resistance, making it ideal for heavy-duty industrial applications.

Technical Specifications:

- **Fiber Types:** Steel fibers (most common for structural applications), polypropylene fibers, glass fibers, basalt fibers, and nylon fibers.
- **Compressive Strength:** Typically similar to standard concrete, but enhanced toughness and durability under impact, abrasion, and fatigue loading.
- **Mix Design:** Concrete is mixed with randomly distributed fibers, with fiber content typically ranging from 0.5% to 2% by volume.
- **Applications:** Industrial floors, pavements, bridge decks, tunnel linings, and overlays for roads.

Advantages:

- Enhanced resistance to cracking, fatigue, and impact.
- Improved durability in harsh environments (freeze-thaw cycles, chemical exposure).

Increased flexural strength and toughness, making it ideal for high-traffic areas and structures with high dynamic loads



Our Quality Commitment

- On-Site Testing Facilities: Mobile labs equipped for field sampling and testing
- Certified Testing Labs: We send Concrete Samples for testing in NABL- or ISO-certified laboratories to ensure reliability and accuracy periodically.
- Technical Team: Our directors and technical experts oversee testing protocols, ensuring compliance with international and local standards.
- Data-Driven Decisions: We leverage advanced software and analytics to interpret results and optimize mix designs



Customer List

At Valcon we are proud to have collaborated with a wide range of customers across diverse sectors. Our commitment to delivering high-quality ready-mix concrete has earned us the trust of leading organizations and individuals in the construction and infrastructure industry. Below is a snapshot of our esteemed clientele.

Real Estate and Developers

- Mohali Citi Centre
- Arista Citi Centre
- Taj Vivanta (Kuldeep Singh & Bros.)
- Motia Dwarka Riverfront
- Amayra Emporio
- Amayra Greens
- Nirwana Greens
- Nirwana Square
- Future Heights

Industrial and Commercial Projects

- ALP Nishikawa Pvt Ltd
- Class India Pvt Ltd
- Guru Nanak Forging
- R.D. Forging

Government and Public Sector

- Punjab Small Industries & Export Corporation
- Panjab University Chandigarh
- Chandigarh Administration
- PGI, Chandigarh

Individual and Small-Scale Builders

- Numerous independent contractors and small-scale builders trust us for their residential and small project needs.



TESTIMONIALS

We value the feedback and appreciation from our clients, which motivates us to continuously enhance our products and services. Here's what some of them have to say:

- “Exceptional quality and on-time delivery. A reliable partner for our ongoing projects.” – [Future Heights], [Sanjeev Agarwal -Owner].
- “Their technical expertise and support during the construction phase made a significant difference to our project.” –[SNJ Construction],[Sanjay Kumar -Owner]

COMPLETED PROJECT



Amayra Emporio



Future Heights



Nirwana Square One



Regal Heights

Join Our Growing List of Customers

We are eager to collaborate with more clients to build stronger, more sustainable structures. Whether it's a large-scale infrastructure project, a real estate venture, or a small-scale construction, we are here to meet your ready-mix concrete needs with precision and reliability.



CONTACT US

For inquiries or quotes, please contact us:

Unit I

Plot No: A8-B, Focal Point, Chanalon Industrial Area, Kurali SAS Nagar
(Mohali) Punjab - 140103

Unit II

FEZ Area, Village Kheri Pandwala, Mubarikpur Road, SAS Nagar
(Mohali) Punjab - 140507

Email: valueconcretesolutions@gmail.com

Contact / Whatsaap Nos.

06283280650,
06283280651,
06283280652