

SUNCRETE
CONSTRUCTION

SUNCRETE
READY MIX
CONCRETE

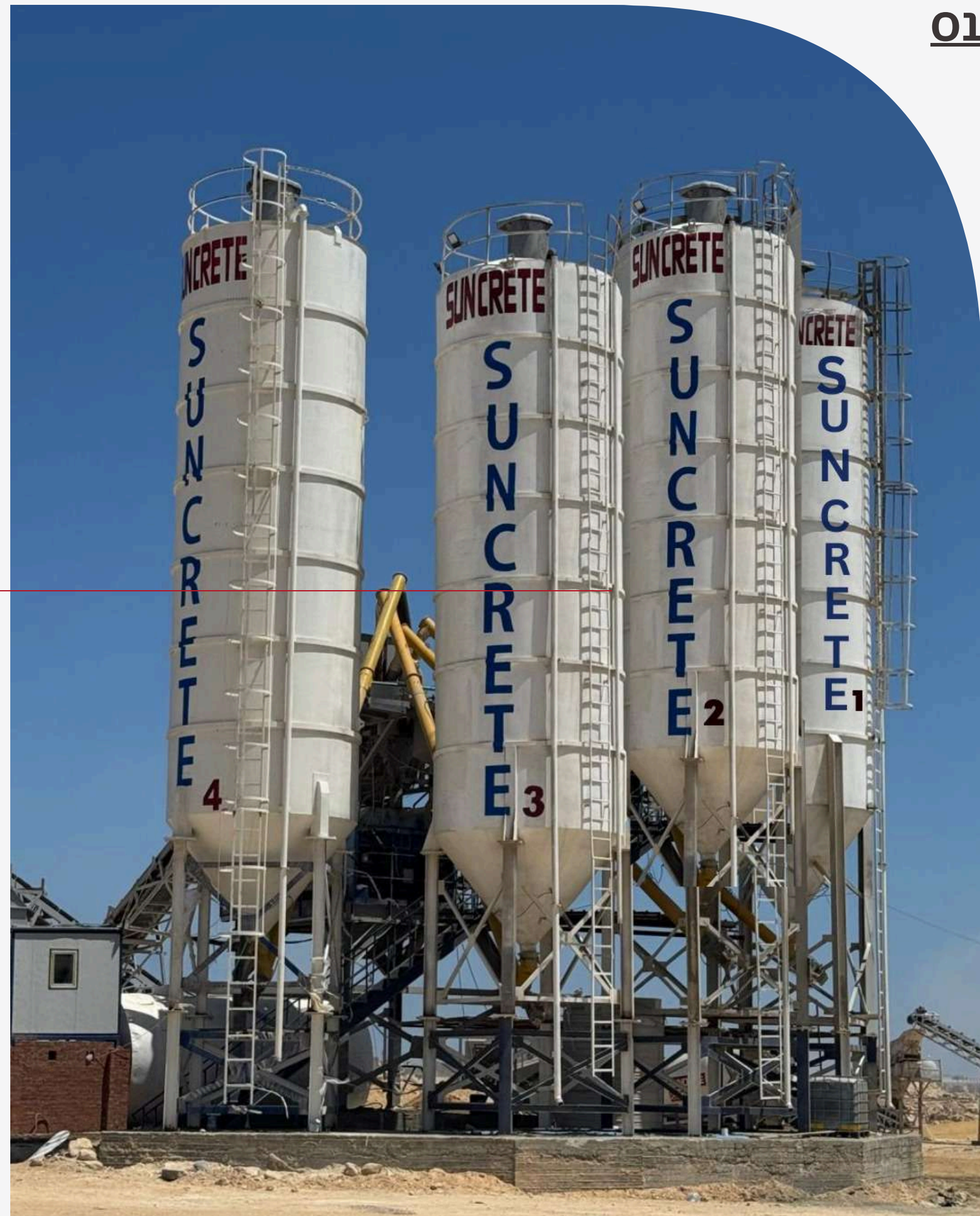
COMPANY PROFILE

SUNCRETE: Building the Future with Ready Mix Concrete

SUNCRETE Ready Mix has been a leader in the ready-mix concrete industry since 2016, renowned for high-quality products and sustainable practices.

We are committed to excellence in customer service, supplying ready-mix concrete to diverse projects across Egypt.

Our experienced team provides professional, reliable service with the most durable ready-mix concrete available.



OUR MISSION AND VISION

Our Mission

"At SUNCRETE Ready Mix, we deliver high-quality ready-mix concrete with unmatched reliability and professionalism, empowering our clients to build with confidence, backed by our expert team and a commitment to excellence in every project, no matter the size."

Our Vision

"To pioneer a future where innovation, quality, and sustainability define our industry, empowering our people and protecting our planet."





OUR ORGANIZATIONAL STRUCTURE

Batch Plants

Our fully computerized batch plants in the New Capital serve a wide sector, each capable of producing up to 130 m³/h of concrete.

They follow a rigorous maintenance plan to ensure continuous production and customer satisfaction.

Equipment

SUNCRETE Ready Mix owns a large fleet for tough jobs. We can also install batch plants on-site to meet specific demands of major projects, ensuring flexibility and responsiveness.



OUR ORGANIZATIONAL STRUCTURE

Executive Management

General Manager (GM)

Operations Department

- Operations Manager
- Plant Manager
- Plant Staff

Finance Department

- Financial Manager Accounts
- Manager Accountants

Quality Control / Quality Assurance (QC/QA)

- QC/QA Manager
- Lab Engineer
- Lab Technicians

Sales Department

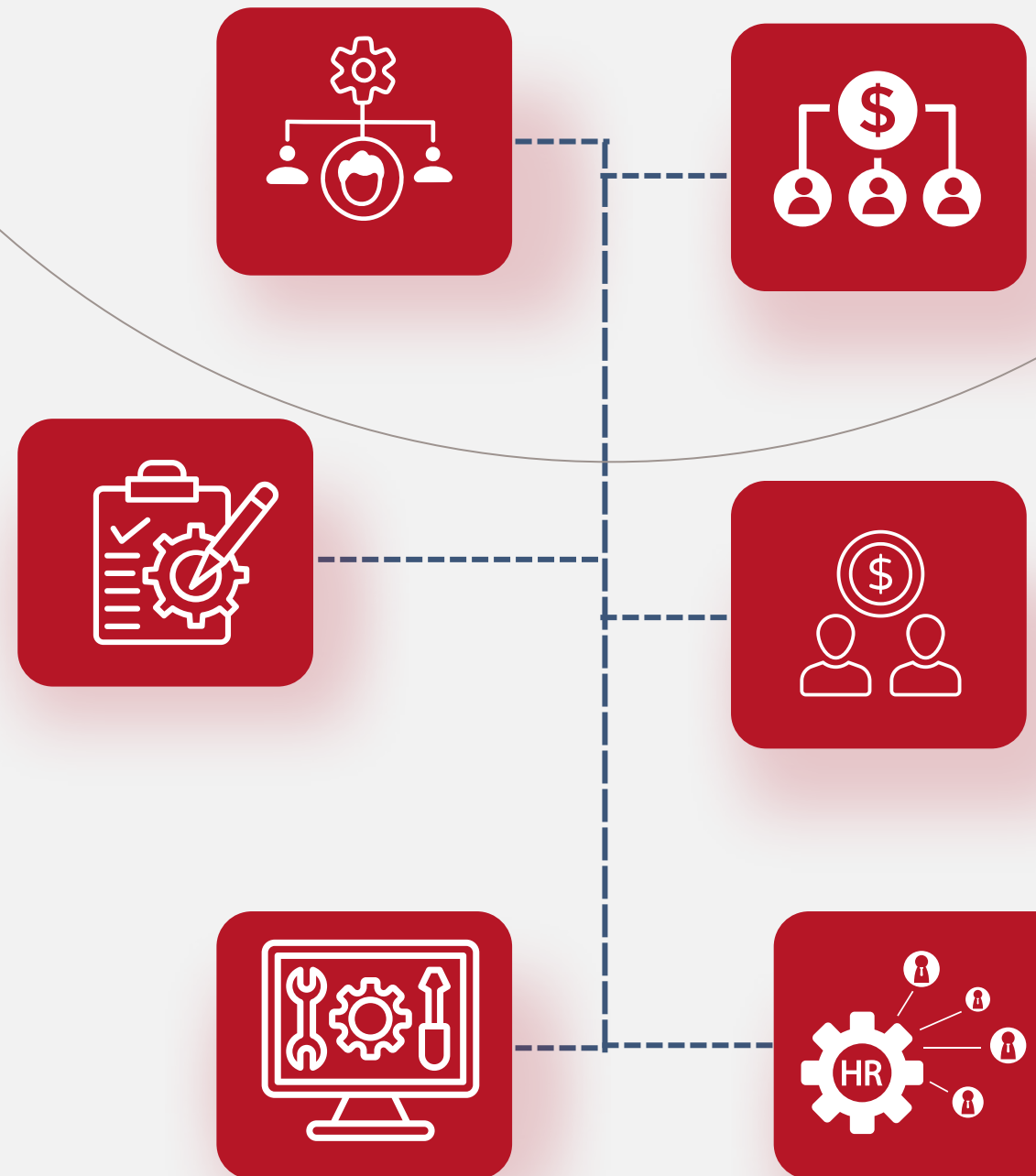
- Sales Manager
- Sales Representatives

Maintenance Department

- Maintenance Manager
- Maintenance Engineer / Workshop Head
- Workshop Staff

Human Resources (HR) Department

- HR Manager
- HR Staff



OUR KEY REFERENCE PROJECTS

We proudly support Egypt's development through various landmark projects. Our high-quality ready-mix concrete has been essential for these major constructions across the New .Capital and other key regions



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Strategic Partnerships

SkyCapital – Better House | Dr.Oqba

ORO, Floria – Al ABD, Four Season

Group | Moharam Bakhoum

RAM School, Infrastructure – Tarik Al

Elm, El Gammal | ECG

New Capital Developments

RHODES, East Park – Plaza Gardens |

(ATC) Dr. Mohamed Shawky

Catalan, Venia, Audaz Mall, Light City –

GATES Developments | Access

Dejoya 1–3, Ezdan Mall, TAJ Tower,

Hadayk Badr Mall – Taj Misr | EICC

Diverse Portfolio

ECON – Ramatan | Diaa Consultant

Moraia Heights – Edge Stone | ECB

Botanika, Manart Al Farouk, Atika,

Cerano, Eleven Mall – Various |

Owner



PLANT SPECIFICATIONS AND FLEET DETAILS

Plant Specifications

- 130 m³/h fully computerized batch plant.
- Water Chiller and Ice Crusher.
- Aggregate Shading Area.
- Coarse and Fine Aggregates sieving machines.
- 450-ton Cement Silos.
- Fully equipped laboratory and storage facility.
- Generators.

Fleet Details

SUNCRETE has two concrete stations in the New Capital:

- **Plant Station 1 (R7):** 8 Truck Mixers, 3 Concrete Pumps (22m, 2EA 43m), 55 Employees.
- **Plant Station 2 (R8):** 12 Truck Mixers, 4 Concrete Pumps (42m, 52m, 56m, 61m), 67 Employees.

We are willing to meet any project specification requirements.





CONCRETE OPERATIONS

Batching & Transportation

Our fully computerized plants produce 130 m³/h. Upon arrival, our lab specialists test concrete freshness. An accessible and safe route is required for pumps and truck mixers.

Plant Maintenance

Plants are externally calibrated semi-annually and internally checked monthly. Compressive strength machines are calibrated twice a year to ensure optimal performance.

Delivery & Pumping

We adhere to strict pouring schedules with a wide range of pump sizes, ensuring we can reach any pour and meet delivery deadlines.



TAILORED CONCRETE PRODUCTS

SUNCRETE Ready Mix provides specialized concrete solutions for all project needs.



Self-Compacting

Flows smoothly;
no vibration.



Early Strength

Fast strength gain;
quick projects.



Waterproofing

Prevents leaks; ideal
for tanks.



Steel Fiber

Replaces rebar; stops
cracks.



Low Slump

Stiff mix for highways.



CEM III Cement

Better workability, long-
term strength.



SRC Cement

Maximum sulfate
resistance.

QUALITY MANAGEMENT PLAN

SUNCRETE Ready Mix's quality control plan ensures the highest standards by enabling staff to:

- Check all incoming materials.
- Store materials safely.
- Provide inspection services.
- Ensure concrete production meets project requirements.



QC Consultant

External auditor ensuring our QC policy and management meet standards.



QC Operations Manager

Oversees daily quality management to ensure thorough policy adherence across all plants.



Engineers/Lab Head

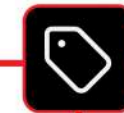
Expert QC engineers or lab technicians at each plant perform all quality control tasks.

RAW MATERIAL MANAGEMENT



Delivery & Logging

Raw materials arrive at our facility. Each delivery is carefully logged for inspection.



Initial Lab Check

Our lab specialists conduct a thorough quality inspection. They verify compliance with our standards.

Decision

Accepted materials are stocked and scheduled for routine testing. Rejected materials are returned or disposed.



Raw Material Management & Laboratory

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Cement

OPC type, sourced from Suez Cement, Misr Bani Suef, Sinai Cement and Lafarge CEM III. Available in multiple grades (42.5, 52.5, 60/40).



Aggregates

Coarse Aggregates Sourced in 19mm and 12.5mm sizes (Dolomite), Grade Attaka.



Fine Aggregates Sand

Natural Sand from Military Quarries, with a maximum size of 5mm.



RAW MATERIAL MANAGEMENT & LABORATORY



Chemical Admixtures

Type G and Type F admixtures from Sikament and BASF, used to enhance concrete properties such as workability.



Water

Drinking water supplied by the Government, essential for hydration and curing processes.

Raw Material Management & Laboratory



Cement (OPC)

Source	Grade
Suez cement	42.5
Misr Bani Suef	52.5
Sinai Cement	52.5
Lafarge CEM III	60/40



Aggregates (Coarse Aggregates)

Source	Grade
Size 2 (Dolomite max. 19mm)	Attaka
Size 1 (Dolomite max. 12.5mm)	



Fine Aggregates Sand

Description	Source
Natural Sand max 5mm	Military Quarries



RAW MATERIAL MANAGEMENT & LABORATORY



Chemical Admixtures

Description	Source
Type G (R 2004) Type F (NN)	Sikament
Type G (RH833) Type F (Rh 875)	BASF



Water

Description	Source
Drinking Water	Government

RAW MATERIAL STORAGE & QUALITY TESTING

Our rigorous raw material management ensures top-tier concrete. Materials are carefully stored and undergo immediate checks upon arrival.



Additives

Stored in sealed silos for protection. Tested for specific gravity and solid content.



Aggregates

Deliveries tested for impurities. Our screen plant ensures optimal sizing.



Water

Samples tested for suitability. Stored in tanks with chillers.



Cement

High-quality cement stored safely. Trucks weighed, random samples tested.



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MATERIAL TESTING & CALIBRATIONS

We conduct rigorous, systematic testing of all raw materials and precise calibration of equipment to ensure compliance with industry standards and optimal concrete mix design performance. This includes detailed checks for coarse and fine aggregates, cement, and water, along with regular calibration of our batch plants and crushing machines.



Coarse Aggregates

Fine Aggregates

Cement

Calibrations

Water



DETAILED MATERIAL TESTING & CALIBRATIONS



Coarse Aggregates Testing

Test	Standard / Method	Internal Frequency	External / Notes
Visual Exam	E.S. 1109	Per Delivery	N/A
Sieve Analysis	ASTM C-136	Daily	Quarterly
Abrasion Test	ASTM C-136	N/A	External
Sulfate Test (BS 812)	E.S. 1109	N/A	Quarterly
Soundness	ASTM C88	N/A	Quarterly
Chloride Test (BS 812)	E.S. 1109	N/A	Quarterly
Specific Gravity	E.S. 1109	Monthly	Quarterly

Fine Aggregates Testing

Test	Standard / Method	Internal Frequency	External / Notes
Visual Exam	E.S. 1109	Per Delivery	N/A
Sieve Analysis	ASTM C-136	Daily	Quarterly
Fineness Modulus	ASTM C-136	Internally	Quarterly
Sulfate Test (BS 812)	E.S. 1109	External	Quarterly
Specific Gravity	E.S. 1109	Internally	Quarterly

Cement Testing

Test	Standard / Method	Frequency
Full Sample Testing	E.S. 2421 Part 1	Quarterly

Water Testing

Test	Method / Frequency
Chemical Analysis	Internally & External

Calibrations

Equipment	Internal Frequency	External Frequency
Batch Plant	Monthly	Semi-Annually
Crushing Machine	N/A	Annually

RAW MATERIAL MANAGEMENT AND LABORATORY EQUIPMENT

Laboratory Equipment

- Digital compression testing machine
- Cube molds (15 x15 x 15 cm) and 5 compacting rods
- Slump test cone set (heavy duty)
- 30 kg capacity balance (sense 1gm)
- Set of Sieves 12" diameter with cover and pan opening
- Set of sieves 8' diameter with cover ASTM
- Sieves 8' no 200
- ViCat apparatus
- Density measuring containers
- Aggregate sample splitter (Coarse & fine)
- Thermometers, plastic containers, and curing basins
- Specific gravity apparatus, PH meter, T.D.S meter



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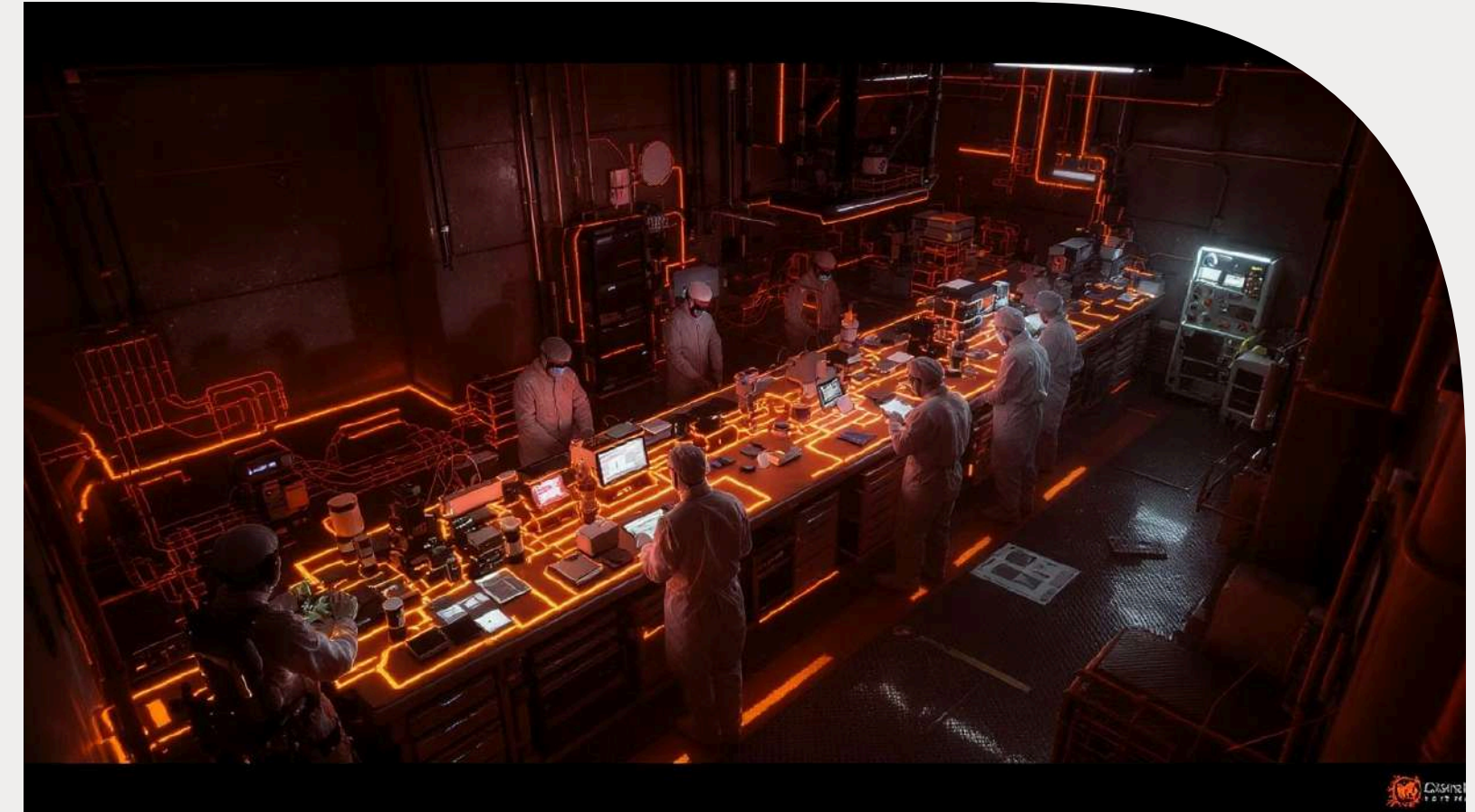
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LABORATORY TESTS AND SERVICES

Concrete cube samples (minimum 3 per site) are tested using our compression machine at 7 and 28 days post-pour. All test results are thoroughly documented, and clients are welcome to witness the testing at our laboratories.

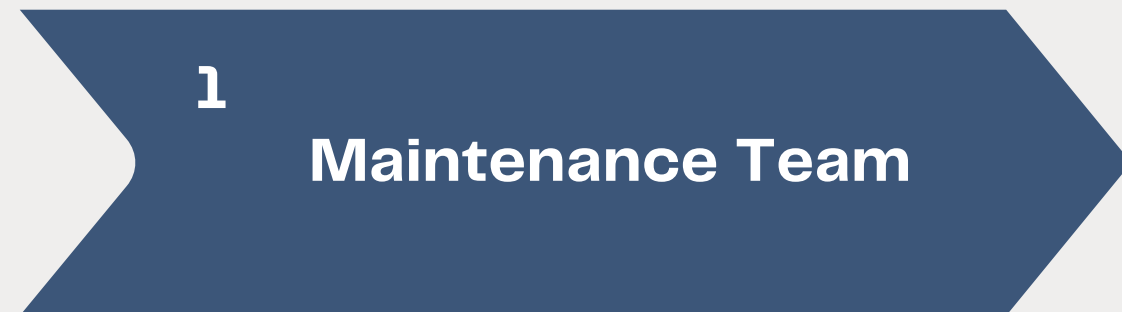
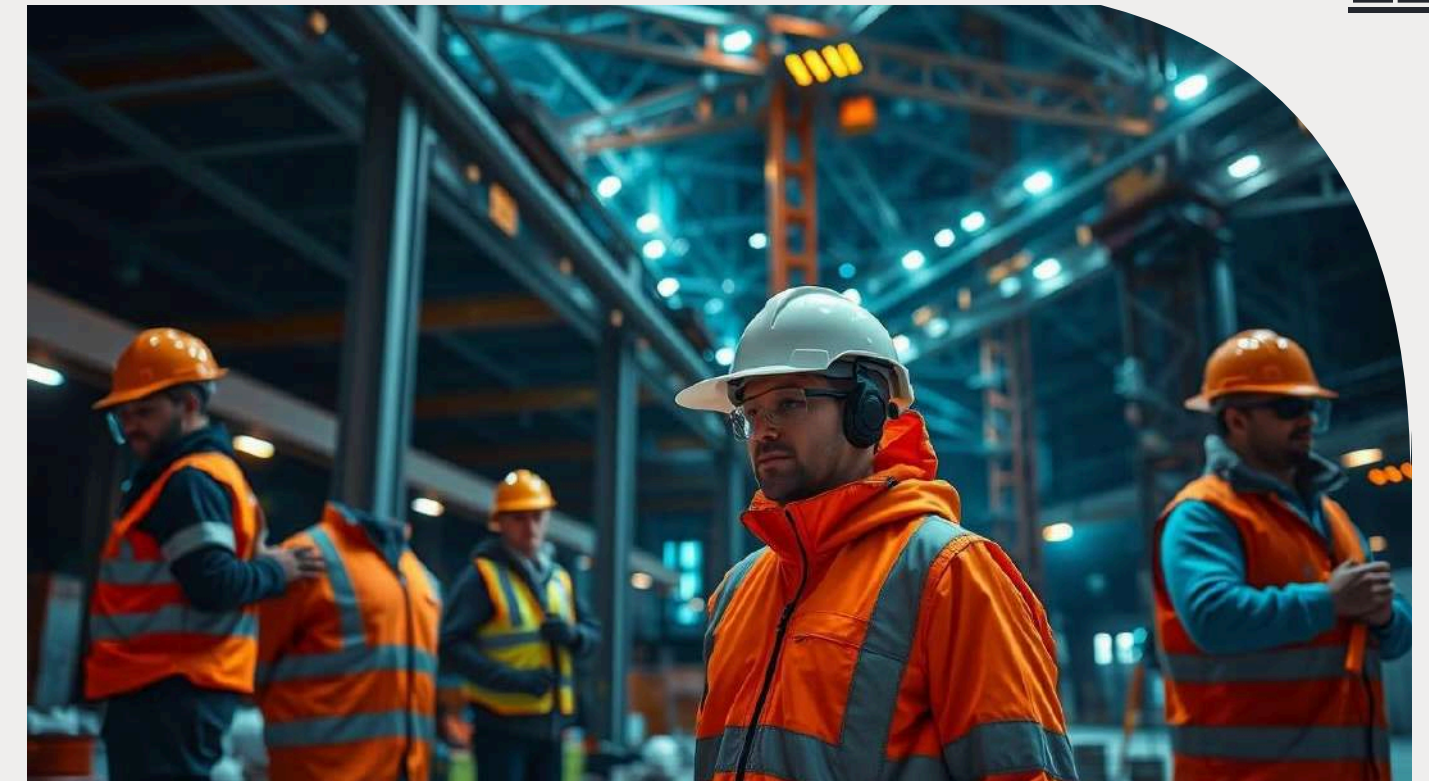
We specialize in designing custom concrete mixes to meet specific project requirements.



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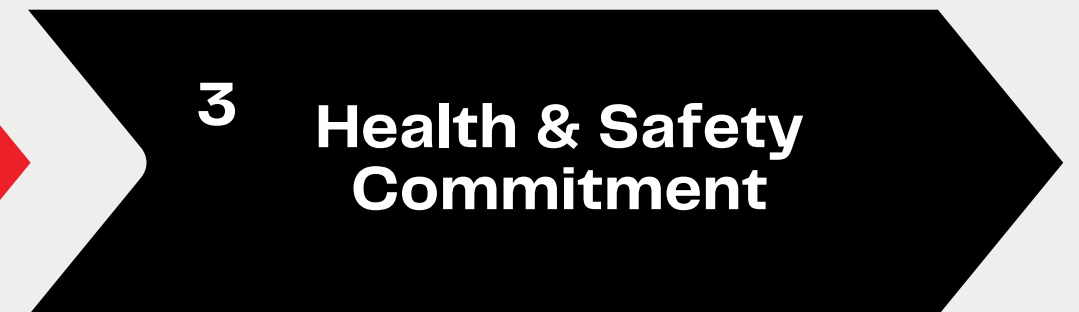
MAINTENANCE AND “HEALTH & SAFETY”



Our highly trained team ensures continuous concrete flow. Includes Maintenance Engineers at each plant, a Workshop Technician Head, and multiple Workshop Technicians.



Performs scheduled (daily, weekly, monthly) and unscheduled maintenance for unforeseen errors, ensuring quick and safe resolution.



Committed to employee and community safety by providing a safe working environment, training, adequate financial resources, correct gear, and strict adherence policies.



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شهادة سجل صناعي

رقم السجل: 1223032201034785 (2023)

تاريخ الإصدار: 27/05/2025 تاريخ الإنتهاء: 09/02/2027

اسم المنشأة الصناعية: صن كريت للانشاءات suncrete Construction

اسم الشركة: صن كريت للانشاءات suncrete Construction

السمة التجارية: الكيان القانوني: مسؤولية محدودة

عنوان المنشأة الصناعية: محطة خرسانة مؤجرة من/ شركة حدائق بلازا للاستثمار العقاري والتشييد والبناء - قطعة رقم R7-03 - الحى السكنى المتميز - العاصمة الادارية الجديدة - محافظة القاهرة (عقد ايجار ينتهى فى : 2027 / 2 / 9)

المساحة : 3000 م²

م	إسم المنتج	كود المنتج	الطاقة الإنتاجية الإسمية السنوية	
			الوحدة	الكمية
1	خرسانة جاهزة	6810110090	متر مكعب بالالف	(مائة وتسعة وثمانون) 189

طبقا لنهايه عقد الايجار

حسنا
محرر
C.C/01/07



صفحة 1 من 1 تاريخ الطباعة: PM 02:14 27/05/2025

حررت هذه الشهادة وفقاً لأحكام القانون رقم 24 لسنة 1977، ولائحته التنفيذية وتحليلاتها والقرارات المنظمة له، ووفقاً للبيانات والمستندات المقدمة من المنشأة المذكورة ويرتبط سريان هذا السجل باستمرار صحة المستندات الصادرة عنه، ولا تخول هذه الشهادة لصاحبها أى حقوق تتعلق بملكية المنشأة.

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