

**COMMUNIQUE<sup>TM</sup>**  
CONCRETE

**Kolkata Unit – I :**

Jalan Industrial complex, Mouza – Jangalpur ,  
Right Lane NO. 3, Gate No. 3  
P.O – Argori , P.S – Sankrail  
Dist – Howrah, West Bengal – 711 302  
Established: April 2024

**Kolkata Unit – II :**

Doperia More , beside HP Petrol pump  
Kalyani Expressway , Vill : Doperia  
Dist – North 24 Parganas , West Bengal – 700 119  
Established : July 2024

**Kolkata Unit – III :**

Bagnan Libery More , Bagnan  
Chandrapur , Howrah – 711303

**Jamshedpur Unit – I :**

Thana No-56, Plot-192,197,198 ,Saharbera,  
Adityapur Road, Burudih, Kandra, Seraikela kharsawan,  
Jharkhand – 832108

**Registered Office :**

39, Chak Garia, Z44 Panchasayar  
Kolkata – 700 094

Web Site: [www.communiqueconcrete.com](http://www.communiqueconcrete.com)

Email: [info@communiqueconcrete.com](mailto:info@communiqueconcrete.com)

## **Table of Contents:**

- About Us.
- Our Mission & Our Vision.
- Production Facilities Available.
- QCI Certificate
- Raw material sources & storage capacity.
- Our ongoing Customer's Details.
- Lab Equipment: List of Lab Equipment & Calibration Frequency.
- Raw Material Testing Plan.
- Concrete Sampling and Testing Plan.

A group of seasoned professionals established Communique Concrete with decades of experience in the Ready Mix Concrete Industry. Our company is dedicated to delivering high-quality readymix concrete solutions tailored to our clients' diverse needs.

Our commitment to precision, integrity, and client satisfaction is the cornerstone of our organization. As you explore our company profile, you will discover the passion expertise, and dedication that drive us to deliver exceptional results in the construction world.

### **Team of Communique Concrete :**

**Sandip Mukherjee (Managing Director)** – is an accomplished business leader with extensive experience in business development planning and enhancing strategies. He has 26 years of experience in being associated with profitable and high growth businesses.

**Subhra Sarkar (GM – Business Head)** – A civil engineer by profession having 19 years of experience in the ready mix industry. He has started his career in L&T concrete at Kolkata in 2006. He have looked after quality control & operation department for different major RMC organizations like , L&T ready mix, Lafarge Ready mix Concrete , first choice ready mix.

**Gauranga Paul (DGM – Operation)** – A mechanical engineer by profession having 26 years of experience in the construction and ready mix industry. He started his career in L&T in 1998 and has worked in several infrastructure and industrial projects. Having more than 10 years of experience in readymix concrete. He has been looking after the plant & machinery and production department for different major RMC organizations like , L&T ready mix, Lafarge Ready mix Concrete , first choice ready mix.

**Soumik Rakshit (Sr. Manager - Business)** – He started his career in Lafarge readymix concrete in 2012. Having more than 12 years of experience in readymix concrete business. He joined firstchoice readymix in 2015. He has worked as the Cluster Business Head of Howrah & Bardhaman Plants at firstchoice readymix till April'2024.

**Tamal Roy (Sr. Manager - Business)** – He started his career in Bosch in 2010 Having more than 9 years of experience in readymix concrete business. He joined firstchoice readymix in 2015. He has worked as the Cluster Business Head of Joka & Kharagpur plants at firstchoice readymix till April'2024.

**Shubhankar Ghosh (Sr. Manager - Business)** – He started his career in Tantia Construction Limited ( RMC Division) in 2010. Having more than 14 years of experience in readymix concrete business. He joined firstchoice readymix in 2015. He has worked as the Cluster Business Head of Khardah & Dankuni plants at firstchoice readymix till June'2024.

### **Our Mission:**

**Our mission is to be a beacon of innovation and excellence in the readymix concrete industry. With a focus on precision, integrity and quality, we aim to delivery concrete to each project with the utmost professionalism and transparency.**

### **Our Vision:**

**Our vision is to become one of the leading ready mix concrete manufacturers in the country. Our commitment to quality, integrity and precision will continue to drive us in shaping that inspire, empowers and improve the lives of those who inhabit them.**

### **Our Strength / Resources:**

- At West Bengal we have 3(Three) nos M1 Plant (Twin Shaft Mixer, the capacity of 60cum/hr, make: Aquarius) at Jalan Complex, Bagnan, Khardah and at Jamshedpur we have 1 (one) no M1 Plant (Twin Shaft Mixer, the capacity of 60cum/hr, Make: Aquarius).
- We have a fleet of 30 Nos of transit mixers (rated capacity of 7 & 8 Cum) to serve across Kolkata, Howrah, Hooghly, North 24 Parganas and we have a fleet of 12 nos of transit mixers to serve across Jamshedpur area.
- At west Bengal We have 5 nos of concrete pump (Make: Aquarius, Model: 1400 D – 4 Nos & 1 No. Putzmeister Make, Model: 1405) to fulfill our customer's need for concrete pumping. And at Jamshedpur we have 2 nos concrete pump (Make: Aquarius, Model: 1400 D) to fulfill our customer's need.

**Our Quality System:** We strictly adhere to all the quality parameters specified in IS 4926 for manufacturing of ready-mix concrete, pre quality checks of all raw materials used & for maintaining the quality of intermediate products/process of the final product. To ensure that we have established our internal Quality Plan as per the guideline of IS 4926:2003, Annex B.

- All incoming raw materials are checked before use, and report of rejected materials are maintained.
- Periodic Physical tests of all raw materials done at the Plant Lab as per the Quality Plan.
- Periodic Chemical & Physical tests of all raw materials done at NABL accredited 3<sup>rd</sup> Party Lab.
- Calibration is done at regular intervals for ever equipment along with the batching plant.
- Every batch of concrete is checked by our qualified QC professionals before despatch.
- New generation super plasticiser (PCE based) is used even in normal grade concrete (i.e M10-M60), enable us to work with very low water-cement ratio, resulting robust mix, higher retention.

**Products:** Communique Concrete can tailor mix design as per customer's requirement, using latest technological advances in superplasticizers and unique concrete design techniques. The product line is suitable for all types of commercial, residential and institutional applications.

**A. Normal Concrete upto M50 Grade .**

**B. High Performance Concrete / Special Concrete:**

- High Strength Concrete ( upto M70 )
- Self-Compacting Concrete ( SCC ) & High Flow Concrete ( HFC )  
(M25,M30,M50,M60,M70 )
- Early Strength Concrete ( M20 , M25 ,M30, M40 – 100% Strength in 3day/7days )
- Delay Set Concrete ( M20 to M50 – Concrete with retention upto 5 hrs. )
- Polypropylene Fiber reinforced Concrete ( PPF ) - ( M20 to M40 )
- Steel Fiber reinforced Concrete ( SFRC ) - ( M25 – M40 )

**Our Raw Material Sources :**

- **Cement ( OPC 43/53 ) :**

**Ramco Cement Ltd.** Source : Kolaghat , West Bengal & Jayantipuram, A.P

**Ultratech Cement Ltd.** Source : Hirni , Chhattisgarh.

- **Cement ( PPC / PSC ) :**

**Ambuja Cement Ltd** , Source : Sankrail , Howrah

**Ultratech cement Ltd.** Source : Hirni , Chhattisgarh.

**Dalmia Bharat Cement** , Source : Salbani , Paschim Medinipur.

**Ramco Cement Ltd.** Source : Kolaghat , West Bengal

- **Fly Ash** : Source: Mejia Thermal Power Plant, West Bengal.
- **Coarse Aggregates:** Source: Birbhum, West Bengal.
- **Fine Aggregate:** Source : Bardhaman, West Bengal.
- **Chemical Admixture** : Chryso India Limited,Source : Hooghly  
Sika India Pvt.Ltd.,Source : Kharagpur  
Myk Arment Pvt.Ltd.,.Source : Howrah

## Our ongoing Customer's Details:

### Govt. Sector

#### 1. **A. Institution / Hospital Projects:-**

Neuroscience Institute.  
JIMS Hospital.  
SSKM Hospital.  
Sambhunath Pandit Hospital.  
Hindi University.  
Howrah Hospital. Bangur  
Hospital. Mrinalini Dutta  
College.

#### **B. PWD Projects:-**

Sankrail ROB Project (GPT Infraprojects Limited)  
Bauria ROB Project (GPT Infraprojects Limited)

#### **C. RAILWAY Projects:-**

Shalimar Station project,  
Santragachi Station project,  
Liluah Workshop project,  
Kanchrapara Workshop project,  
Dakhineswar Railway Station,  
Dumdum Railway Station

#### **D. PHE Projects:-**

Shyamnagar WTP

#### **E. HRBC Projects:-**

2nd Hooghly Bridge

#### 2. **INDUSTRIES –**

Jindal India LTD,  
Fort Gloster Industries,  
Srijan Logistics Park,  
Asbesco India Pvt Ltd,  
Kamals Ice Cream,  
Mescab India Pvt. Ltd.,  
Vinayak Oil & Fat,  
Haldiram,  
Arora Warehouse,  
Jalan Group,  
Hightension Electrical,  
ITD Cementation India Ltd

#### 3. **DEVELOPERS –**

Siddha Waterfront Ilp,  
Srijan Realty Pvt Ltd,  
Eden Group,  
Swastic Group,  
KIC Group,  
Sky Line Group,  
Nikki Group,  
Jain Group,

### Lab Equipment: List of Lab Equipment & Calibration Frequency

Sl No.	Equipment Details	Capacity	Makers of Equipment	Internal Calibration Frequency	External Calibration Frequency	REMARKS
1	Concrete Batching Plant	1 CuM	Aquarius	Monthly	Yearly	External Calibration to be done through Legal Metrology Deptt
2	Electronic Weigh Bridge	60 MT	Endevour	-	Once in 2 Year	
3	Electronic Weighing Balance	600 gms	Goldtech	-	Yearly	
4	Electronic Weighing Balance	30 kgs	Goldtech	-	Yearly	
5	Electronic Weighing Balance	100 kgs	Goldtech	-	Yearly	
6	Compression Testing Machine	3000 KN	Win Lab	-	Yearly	External Calibration to be done through NABL Approved Agencies only.
7	Digital Thermometer	-50°C to 300°C	Multi	-	Yearly	
8	Hot Air Oven	200°C	Win Lab	-	Yearly	
9	Vernier Calipers	0 – 300 mm	Work Zone	-	Yearly	
10	Steel Scale	0 – 300 mm	Dayal	-	Yearly	
11	Hydrometer	1 – 1.20	Omsons	-	Yearly	
12	Glass Cylinder	1000 ml	Borosil	-	Yearly	
13	Glass Cylinder	100 ml	Borosil	-	Yearly	
14	Cement Mortar Vibrator	12000 RPM	Win Lab	-	Yearly	
15	I.S Sieve (450 mm dia G. I )	2.36mm-40mm	Win Lab	-	Yearly	
16	I.S Sieve (200 mm dia Brass)	45mic-10mm	Win Lab	-	Yearly	Internal Calibrations to be done with the 3rd party Calibrated Test Apparatus.
17	Cube Mould – for Concrete testing	150 X 150 X150	Win Lab	Quarterly	Yearly	
18	Cube Mould – for Cement testing	70.6X70.6X70.6	Win Lab	Quarterly	Yearly	
19	Bulk Density Cylinder	15 Ltr	Win Lab	-	Yearly	
20	Bulk Density Cylinder	3 Ltr	Win Lab	-	Yearly	
21	Slump Cone & Tamping Rod	-	Win Lab	-	Yearly	
22	Flakiness Gauge	-	Win Lab	-	Yearly	
23	Elongation Gauge	-	Win Lab	-	Yearly	
24	Vicat Apparatus & accessories	-	Win Lab	-	Yearly	
25	Concrete Mixer ( Pan Type )	50 Ltrs	Win Lab	Half Yearly		



### Raw Material Testing Plan - Cement (OPC/PPC/PSC)

Description	Description of Test	Code of Test Procedure / Spec.	Internal Test Frequency	External Test Frequency (3rd Party)	REMARKS
<b>CEMENT</b>	Visual Inspection	IS 4031/ IS 1489 / IS 455 / IS 8112 / IS 269	Every Lot	-	MTC of Every Week should be collected for Respective Manufacturer
	Dry Sieve through 90mic.		Every Batchwise	Yearly	
	Normal Consistency		Every Batchwise	Yearly	
	Initial Setting Time		Every Batchwise	Yearly	
	Final Setting Time		Every Batchwise	Yearly	
	Compressive Strength		Every Batchwise	Yearly	
	Fineness by Blaine's Permeability		-	Yearly	
	Chemical Analysis		-	Yearly	

### Raw Material Testing Plan – Fly Ash

Description	Description of Test	Code of Test Procedure / Spec.	Internal Test Frequency	External Test Frequency (3rd Party)	REMARKS
<b>FLY ASH</b>	Wet Sieve through 45mic.	IS 3812 / IS 1489	Every Lot	-	Once in Source (At the time of approval)& Once in 6 Month afterwards for same source.
	Mortar Cube Strength		Every Lot	Once in Year	
	Chemical Analysis		-	Once in Year	

### Raw Material Testing Plan – Chemical Admixtures

Description	Description of Test	Code of Test Procedure / Spec.	Internal Test Frequency	External Test Frequency (3rd Party)	REMARKS
<b>Chemical Admixture</b>	Visual Inspection	IS 9103 / IS456 / IS 8142	Every Batchwise	-	MTC of Every Week should be collected for Respective Manufacturer
	Slump Retention		Every Batchwise	-	
	Initial Setting Time		Every Batchwise	-	
	Compressive Strength ( Trial Mix )		Every Batchwise	-	
	Specific Gravity / Relative Density		Every Batchwise	Yearly	

	% of Solid Content		-	Yearly	
	Chloride & pH value		-	Yearly	

### Raw Material Testing Plan – Fine Aggregates & Coarse Aggregates:

Description	Description of Test	Code of Test Procedure / Spec.	Internal Test Frequency	External Test Frequency (3rd Party)	REMARKS
<b>Fine Aggregate (River Sand)</b>	Visual Inspection	IS 2386/IS 383 /IS 3025 / IRC -36	Daily Each Trip	-	Once in Source (At the time of approval) & Once in Year / 6 month afterwards for same source.
	Silt Content (Volume Method)		Daily Each Trip	-	
	Moisture Content		Min One in a day	-	
	Sieve Analysis (Gradation)		Weekly	Yearly	
	Silt Content (Wet Method through 75mic.)		Weekly	Yearly	
	Specific Gravity (SSD, Apparent, Dry)		Monthly	Yearly	
	Water Absorption		Monthly	Yearly	
	Dry Loose Bulk Density		Monthly	Yearly	
	Deleterious Materials		-	Yearly	
	Chloride & Sulphate		-	Yearly	
<b>Coarse Aggregate</b>	Visual Inspection	IS 2386/IS 383 /IS 3025 / IRC -36	Daily Each Trip	-	Once in Source (At the time of approval) & Once in Year afterwards for same source.
	Moisture Content		Daily Each Trip	-	
	Sieve Analysis (Gradation)		Weekly	Yearly	
	Combined Grading		Weekly	Yearly	
	ALL in Aggregate Sieve Analysis		Weekly	Yearly	
	Silt Content (Wet Method)		Weekly	Yearly	
	Specific Gravity (SSD, Apparent, Dry)		Monthly	Yearly	
	Water Absorption		Monthly	Yearly	
	Dry Loose Bulk Density		Monthly	Yearly	
	Flakiness Index.		Quarterly	Yearly	
	Elongation Index.		Quarterly	Yearly	
	Aggregate Impact Value		-	Yearly	
	Aggregate Crushing Value		-	Yearly	
	Los Angeles Abrasion Value		-	Yearly	
	Chloride & Sulphate		-	Yearly	

### Raw Material Testing Plan – Water

Description	Description of Test	Code of Test Procedure / Spec.	Internal Test Frequency	External Test Frequency (3rd Party)	REMARKS
<b>WATER</b>	Visual Inspection	IS 3025/IS 4031/IS 456	Every Trip	-	Once in Source (At the time of approval)& Once in Year afterwards for same source.
	Chemical Analysis		-	Yearly	
	pH Value		-	Yearly	
	Effect on Setting Time & Strength		Yearly	Yearly	

### Concrete sampling and testing :

The PQI is in charge of running the following tests and keeping records of it

#### Fresh Concrete :

Description	Description of Test	Code of Test Procedure / Spec.	Internal Test Frequency	Responsibility
<b>Fresh Concrete</b>	Slump Test	IS 1199	Every Grade / Every Client Once at starting of the pour and after that as per requirement	QCI/ QC Officer
	Yield Test	IS 1199	Min One in a day	QCI/ QC Officer
	Cube Sample Preparation	IS 1199 / 4926	1 set Cube (6 samples) / Each Customer / Each Grade. For every additional 50 Cum 1 set cube samples to be taken.	QCI/ QC Officer

#### Hardened Concrete :

Description	Description of Test	Code of Test Procedure / Spec.	Internal Test Frequency	Responsibility
<b>Hardened Concrete</b>	Compressive Strength Test	IS 516 / IS 456	3 cubes each for 7 days & 28 days	QCI/ QC Officer
	Compressive Strength Test	IS 516 / IS 456	3 cubes for 56 days & 3 cubes for 90 days / Mix Design for every 3 Months	QCI/ QC Officer
	Statistical Analysis	IS 456	Grade / Mix	QCI