

CONCRETE

TECHNOLOGY

In order to increase the working efficiency of product and improving product qualities like strength, workability, durability, aesthetics and designs we have collaborated with various architects and design companies.

EQUIPMENT	MAKE	PLANT	CAPACITY	MODEL
Batching Plants	PCI 70nwith B.H.S. Germany	Gurgaon	120 CUM Per Hour	
	Simem (Italy)	Gurgaon	30Cum per hour	Mob mix 750
	Simem (Italy)	Manesar	60Cum per hour	Mob mix 1500
	Simem (Italy)	Noida	60Cum per hour	Mob mix 1500
	Simem (Italy)	Greater Noida	60Cum per hour	Mob mix 1500
	Schwing Stetter	Faridabad	75Cum per hour	H1.125
EQUIPMENT	Nos	MAKE	CAPACITY	THROW
Transit Mixers	82	Schwing Stetter		
		Cifa Greaves		
Concrete Pumps	10	Putz 1404	45 Cum/Hr Horizontal	150m Vertical,600m
	8	Putz 1407,		
	6	Greaves Pump- 350D 30Cum/HR		
	2	Schwing Stetter- 350D \1800		
Loaders	5			
Excavators	5	Jcb's /Terrex		

QUALITY CONTROL

MATERIAL	NAME OF TEST
Cement testing equipment	Normal Consistency
	Initial & Final Setting Time
	Soundness
	Blain's Air Permeability (Fineness)
	90 mic. Retention (Fineness)
	Compressive Strength (3,7, 28 Days)
	45 mic. Retention (Fineness)
Fly Ash	Blain's Air Permeability (Fineness)
	Sieve Analysis
Coarse Aggregates	Aggregate Impact Value
	Aggregate Crushing Value
	Flakiness & Elongation Index
	Specific Gravity
	Water Absorption
Fine Aggregates	Dry Loose Bulk Density
	Dry Rodded Bulk, Bulk Density
	Materials Finer than 75 micron
	Sieve Analysis
	Silt Content (by Volume)
Admixture	Specific Gravity
	Water Absorption
	Dry Loose Bulk Density
	Dry Rodded Bulk, Bulk Density
	Materials Finer than 75 micron
	Specific Gravity
	Dry Material Content
	Water Reduction
	Ph Value
Water	Ph Value
	Chloride Content
	Sulphate Content
Concrete	Slump Test (Workability)
	Air Content
	Flow
	Yield
	Density (Green/ Hardened)
	Compressive Strength
	Flexural Strength
	Mix Design
Permeability	