

List Of NABL Accredited Labs

S.No.	Name of the Laboratory	Contact Details	Certificate No.	Product / Material of test	Test Type	Specific Test Performed
1	Alpha Test House	M-577, Guru Harkrishan Nagar, Paschim Vihar, New Delhi-110087 +91 8826813853	TC-5508	Construction Water	Chemical	
				Cement		
				Fly Ash		
				Gypsum & Its Products		
				Aggregates		
				Bitumen	Mechanical	
				Cement		
				Concrete		
				Fly Ash		
				Tiles		
Clays & Soils						
2	Ambile Testng and Research Labs	122, Himcity, Sitapur Road, Lucknow (UP) 9695228117, 8948232581		(Reinforcing Steel/ Structural Steel)	Mechanical Test	Ultimate Tensile stress
						% Elongation
						Yield Strength
						Bend Test
						Rebend Test
						Mass / Meter
				Cement		Consistency
						Setting Time Initial
						Setting Time Final
						Soundness by Le-Chatelier method
						Compressive Strength
						Density
				Aggregate (Coarse)/ Ballast		Fineness by blain air permeability
						Sieve Analysis
						Crushing Value
						Impact Value
						Abrasion Value
						10% fine value
						Bulk Density
						Water Absorption
						Elongation Index
						Flakiness Index
						Deleterious Material a)clay lumps
						b)Soft particle
						Specific Gravity
						Surface Moisture
				Aggregate (Fine)		Soundness
						Stripping Value
						Specific Gravity
						Fineness Modulus
						Water Absorption
						Sieve Analysis
						Bulk Density
						Surface Moisture
						Bulking of Sand
						Deleterious Material a)clay lumps
				Stone		b)Soft particle
						Silt Content
				Burnt clay bricks/ Fly ash bricks		Organic Impurities
						Soundness
						Specific Gravity
						Moisture Content
						Water Absorption
						Compressive Strength
						Water absorption
						Efflorescence
				Dimension		

Bitumen	Softening Point
	Fire & Flash Point
	Specific Gravity
	Penetration
	Ductility
Bituminous Material	Marshall Stability
	Marshall Flow
	Bitumen Content
	Density
	Specific Gravity
	Moisture Content
Bentonite	Sand Content
	Gel Formation Index
	Fineness
	Liquid Limit
	Free Swell Index
Flush Door shutter	Dimension(Thickness)
	Glue Adhesion Test
	Knife test
	End Immersion Test
Ply wood	Density
	Moisture Content
	Density
	Moisture Content
	Water Absorption
	Linear expansion (Swelling in water)
Board	absorption after 2 h Soaking
	Thickness
	Surface absorption (in Thickness) after 2 h Soaking
	Water Content
Admixture	Slump
	Initial Setting Time
	Final Setting Time
	Compressive Strength
	Loss of Workability
	Slump
Concrete	Compressive Strength
	Flexural Strength
	Dimension
Ceramic Tiles	Water Absorption
	Modulus of rupture
	Breaking Strength
Concrete Tiles	Wet Transverse Strength
	Water Absorption
	Light Compaction
	Heavy Compaction
	Grain Size Analysis
Soil and Rock (soil & Granular Material)	Plastic limit
	Liquid limit
	C.B.R.
	Specific Gravity
	Moisture Content
	Dimension(Thickness)
Paver Block	Compressive Strength
	Water Absorption
	Flexural Strength
AAC Block	Density in oven dry condition
	Compressive Strength
	Dimension
Cement (OPC/PPC)	Silica (SiO ₂)
	Loss of Ignition
	Insoluble residue
	Total Sulphur (as SO ₃)
	Calcium Oxide (as CaO)
	Magnesia (as MgO)
	Alumina (as Al ₂ O ₃)
	Iron Oxide(as Fe ₂ O ₃)

3	Bhumi Research Centre	21/1362, 'Bhumi House' Sagrampura, Ring Road, Surat Gujarat		Cement (PPC)	Chemical Testing	Loss of Ignition
				Total Sulphur (as SO ₃)		
				Magnesia (as MgO)		
				Insoluble residue		
				Dry Material Content		
				Ash Content		
				Relative Density		
				Chloride Content		
				pH Value		
				Sulphate (as SO ₃)		
				Calcium Oxide (as CaO)		
				Organic Impurities		
				Resistance to staining		
				Resistance to household chemicals		
				Resistance to acids and alkalis		
				Soil	pH Value	
				Benetonite	pH Value	
				Bitumen & Asphalts	Solubility in Trichoroethylene	
				TMT Steel	Carbon	
					Sulphur	
					Phosphorous	
					Manganese	
				Stainless Steel	Silicon	
					Carbon	
					Sulphur	
					Phosphorous	
					Nickel	
Manganese						
Construction Water	Silicon					
	Chromium					
	pH Value					
	Acidity, NaOH(0.02N)					
	Alkalinity, H ₂ SO ₄ (0.02N)					
	Chloride					
	Total Suspended Solids					
	Organic Solids					
Reinforced Concrete Structures	Non-Destructive Testing	Inorganic Solids				
		Sulphate Acidity				
		Colour				
		Rebound Hammer Test				
		Ultrasonic Pulse velocity Test				
		21/1362, 'Bhumi House' Sagrampura, Ring Road, Surat Gujarat		Soil	Mechanical testing	Grain Size Analysis
						Hydrometer Analysis
						Liquid Limit
						Plastic Limit
						Plasticity Index
						Free Swell Index
						Specific Gravity
						Shrinkage Limit
						Light Compaction (MDD & OMC)
						Heavy Compaction (MDD & OMC)
						CBR
						Direct Shear Test
						Unconfined Compression (without pore pressure)
						Triaxial Shear Test (Without Pore pressure)
						Consolidation Test
Moisture Content						
				Bricks	Dimension	
					Water Absorption	
					Compressive strength	
					Efflorescence	

Buy it from Amazon

				Fine Aggregate		Sieve Analysis
				Concrete core/Cubes		Specific Gravity
				Paver Block		Water Absorption
				Coarse Aggregate		Bulk Density
				Cement (OPC /PPC)		Finer than 75 micron
				Steel Reinforcement		Compressive strength
				Soil at site		Compressive strength
				Reinforced Concrete	Non-Destructive test	Water Absorption
						Cross sectional area
					Mechanical Testing	Sieve Analysis
						Specific Gravity
						Water Absorption
						Flakiness Index
						Elongation Index
						Impact Value
						Crushing Value
						Abrasion Value
						Bulk Density (loose)
						Consistency
						Initial setting time
						Final setting time
						Fineness by Blaine air permeability
						Soundness by le-chatelier
						Compressive strength
						Ultimate tensile strength
						yield stress
						Elongation
						Bend test
						Rebend test
						Weight / meter
						Field testing by core cutter
						FDD by water replacement
						FDD by sand replacement
						Rebound hammer test
						Ultrasonic Pulse velocity test
4	CABSE	K.L. Campus, Navrangpura, Ahemdabad, Gujarat	T-3863	masonry materials, plaster and insulating material		Water Absorption Coefficient
				Building Materials		Moisture retention Curve
						Thermal Conductivity
						Diffusivity
						Specific Heat
						Sorption Isotherm
				Cement		Compressive strength
				TOR Steel , Structural steel		Fineness
				Aggregate (coarse /Fine)		Soundness
				Bricks / Bricks Tiles		Setting time
				Glazed Tiles		Tensile Strength
						Elongation
						Proof Stress
						Bend Test
						Rebend test
						Particle size distribution
						Deleterious material
						Specific Gravity
						water absorption
						crushing value
						crushing strength
						10 % fine value
						impact value
						abrasion value
						Compressive strength
						Water absorption
						Efflorescence
						Water absorption
						Crazing test
						Impact Resistance
						Chemical Resistance

5	Chemical Analysis Lab	(U.P.) Mob:- 9911777525, 8800646952 Email: labchemi@yahoo.in	T-2995, T-2996	<div>Soil</div> <div>Concrete Mix Design</div> <div>Construction water</div> <div>Barbed Wire</div> <div>MS Pipe and Galvanised Pipe</div> <div>Cubes</div> <div>Water Proofing compound</div> <div>Ultrasonic pulse velocity, core cutting Rebound hammer test</div> <div>Precast Concrete Pipes IS-458-</div> <div>Flush door Shutter, Ply Wood, Particle Board, Glazed Tiles</div> <div>Study of building Sturcture / Health analysis</div>	Chemical & Physical Tests	<div>C.B.R. Value</div> <div>Proctor density</div> <div>Particle size distribution</div> <div>OMC</div> <div>Plastic Index</div> <div>Complete facilities available for design mix evaluation</div> <div>As per IS :456</div> <div>Complete test for carbon, sulphur, phosphorous</div> <div>Mass of zinc coating point wire</div> <div>Tensile strength</div> <div>Breaking load weight</div> <div>Complete test as per IS: 1161 & IS: 1239. for Carbon, Sulphur, Phosphorous</div> <div>Outer diameter</div> <div>Thickness</div> <div>Weight</div> <div>Tensile strength</div> <div>Elongation</div> <div>Zinc coating</div> <div>Compressive strength</div> <div>As per IS :2645</div> <div></div> <div></div> <div></div> <div></div>
6	C & I Systems	H-13 (d), Electronic complex, road no. 1, I.P.I.A. , Kota , Rajasthhan		<div>Concrete / Mortar Cubes</div> <div>Cement (OPC /PPC/Flyash)</div> <div>Coarse Aggregate</div> <div></div>	Mechanical Testing	<div>Compressive strength</div> <div>Consistency</div> <div>Initial setting time</div> <div>Final setting time</div> <div>Compressive strength</div> <div>Fineness by dry and Blaine air permeability</div> <div>Specific Gravity</div> <div>Soundness by autoclave & le-chatelier</div> <div>Sieve Analysis</div> <div>Bulk density</div> <div>los angles abrasion value</div> <div>Impact Value</div> <div>Crushing Value</div> <div>Water Absorption</div> <div>Specific Gravity</div> <div>Flakiness Index</div> <div>Elongation Index</div> <div>10% fine value</div> <div>Soundness with Na₂SO₄ / Mg SO₄</div> <div>Stripping value</div> <div>Sand equivalent value</div> <div>Deleterious materials</div> <div>Sieve Analysis</div> <div>Bulk density</div> <div>los angles abrasion value</div> <div>impact value</div> <div>Crushing Value</div>

				Soil	Chemical Testing	pH Value
						Water soluble sulphate
						Water soluble chloride
						Organic matter
						Soluble solids
						Calcium carbonate
				Construction Purpose water		pH Value
						Suspended matter
						Chloride
						Sulphate
					Mechanical Testing	Organic , iNorganic
						Acidity
						Alkanity
						Density
						Moisture Content
						Specific Gravity
						Grain Size Analysis
						Sieve
						Hydrometer
						Atterberg Limit
						Liquid Limit
						Plastic Limit
						Shrinkage Limit
						Light Compaction
						Heavy Compaction
						California Bearing Ratio
						Unconfined Compression (UC)
						Consolidation
						Free swell index
						Swelling Pressure
						Permeability
						Direct Shear
						Triaxial Compression
						Unconsolidated Undrained (UU)
						Consolidated Undrained (CU) with pore pressure measurement
						Consolidated Drained
						Apparent Specific Gravity
						water absorption
						Specific Gravity
						Moisture Content
						Dry Density
						Grain Size Analysis
						Flakiness Index
						Elongation Index
						Specific Gravity
						Water absorption
						Bulk Density
						Impact Value
						Aggregate Crushing Value
						Los Angeles Abrasion Test
						Soundness Test
						10% Fineness Value
						Material finer than 75 microns
						I.S. Sieve
						Sieve Analysis
						Specific Gravity
						Water Absorption
						Bulk Density
						Soundness Test
						Fineness (Dry sieve method)
						Fineness (Blane air permeability)
						Soundness (Le-Chatelier method)
						Soundness (Auto clave method)
						Consistency
						Initial setting time
						Final setting time
						Compressive strength
						Density/Specific Gravity
						Compressive Strength
						Accelerated Compressive Strength
						Dimension (Length Width Thickness)
				Concrete		
7	EMM Tech Calibration	D-1/65, Sanjay Colony, NIMS Hospital Road, Sector-23, Faridabad, Haryana	TC-5493	Soil		
				Stone (granite, Kota, marble)		
				Aggregate (Coarse)		
				Aggregate (fine)		
				Cement		

Brick (Burnt Clay)	Compressive strength
	Water Absorption
	Efflorescence
	Dimension (Length Width Thickness)
Brick (Fly ash lime & sewer)	Compressive strength
	Water Absorption
	Efflorescence
Concrete Block for paving	Water Absorption
	Compressive strength
	Flash Point
Bitumen	Softening Point
	Penetration
	Ductility
	Solubility in trichloroethylene
	Loss on heating
	Length
	Width
	Thickness
	Straightness of side
	Rectangularity
	Surface flatness
	Surface Quality
	Physical properties
	Water Absorption % by mass
	Bulk Density
	Scratch hardness of surface
	Resistance to household
	Resistance to acids
	Chemical and swimming pool water cleaners except to cleaning agent, containing hydrofluoric acid and its compound
	Sulphuric acid, lactic acid , hydrochloric
	Dimension (Length Width Thickness)
	Flatness of the tile surface
	Perpendicularity
	Straightness
	Water Absorption %
	Resistance to wear
	Thickness of wearing layer
	Flatness of the surface
	Wet transverse strength
	Dimensions
	Mass/Meter
	Mass (kg per meter)
	yield stress 0.2 % proof stress
	T.S. / Y.S. ratio
	Elongation %
	Total elongation at maximum force
	Tensile Strength
	Dimension
	Bend
	Rebend
	Flattening
	Moisture Content
	Density

				Plywood Products		Dimesion Density Moisture Content Edge straightness Squareness Defect
8	Femo Labs Private Limited	Dr.V.Chandrasekaran, Manager(Labs), C-19, Industrial Estate, Mogappair West, Chennai - 600037. Ph:044 26250051 Fax:044 26258330 Mail ID:	T-3195	Water for construction purpose	Chemical Testing	pH Chloride, Suspended matter Sulphate Acidity Alkalinity organic Solids and Inorganic solids
9	Geo Engineering Services, Vadodara	Dr. Manish Sharma Plot No. 78 to 80 & 95 to 97, Amarnagar'Vadodara, Gujarat 9825244239	T-3782	Water (Construction Water, Domestic Water, Irrigation Water, Bore	Chemical Testing	pH@ 30°C Sulphate as (SOa) Chloride as (Cl) Electrical Conductivity (EC) @25°C
				Hardened Concrete		Compressive Strength
				Concrete (Fresh		Slump Test
				Paver block		Accelerated Testing of Concrete
				Bitumen		Compressive Strength
						Water Absorption
						Specific Gravity
						Penetration Test
						Softening Point Test
						Ductility Test
						Flash Point
						Marshall Stability
						Marshall Flow Value
						Viscosity Ratio On Residue From TFO
				Tiles / Chequered Cement Concrete Tiles / Ceramic Tiles		Water Absorption
						Wet Transverse Strength
						Modulus Of Rupture
						Flatness
						Straightness
						Crazing Resistance
				Steel (Reinforcing and Structural)		Yield Strength
						Ultimate Strength
						Elongation
						Sectional Weight
				Steel (Reinforcing and Structural)		Bend Test
						Re Bend Test
						Size And Grading,
				Coarse Aggregates		Abrasion Value
						Impact Value
						Crushing Value
						Specific Gravity
						Water Absorption
						Flakiness Index
						Elongation Index
						10% Fine Value
						Bulk Density
						Soundness
						Size And Grading,%
				Fine Aggregates		Specific Gravity
						Water Absorption
						Bulk Density
						Surface Moisture
						Soundness
						Compressive Strength
				Brick		Water Absorption
						Sizes And Shapes
						Efflorescence
						Consistency
						Initial Setting Time
						Final Setting Time
				Cement OPC, PPC, PSC		Soundness (By Le Chatelier Method)
						Compressive Strength
						Fineness by Blain's Air Permeability
						Density

10	Global Test House	A-11 Naresh Park, Extension Industrial area, Najafgarh road, Nangloi, New Delhi - 110041 Tel:- 011-65576700 Mail :- globaltesthouse@rediffmail .com	T-2655	Fly Ash		Particles Retained 45 Micron Sieve Fineness by Blain's Air Permeability Comparative Compressive Strength At 28 Days Atterberg's Limit Liquid Limit Plastic Limit Standard Proctor Test Mdd Omc Modified Proctor Test Mdd Omc Specific Gravity Free Swell Index Grain Size Analysis Moisture Content Angle Of Internal Friction ((Q) Unconfined Compressive Strength Oedometer Consolidation Test Coeffi cient Of Consolidation (cc) Pre Consolidation Pressure (Pc) Laboratory Permeability Test Constant Head Method Falling Head Method Field Density Test Sand Replacement Method Field Moisture Test Sand Replacement Method Field Density Test Core Cutter Method Direct Shear Test Cohesion (Cc) Field Moisture Test Core Cutter Method Laboratory Cbr Test Soaked Unsoaked
			T-3783	Non Destructive Testing for	Non-Destructive Testing	Ultrasonic Pulse Velocity Rebound Hammer Test Tensile Strength Elongation Yield stress Bend stress Rebend stress Tensile strength Elongation Yield stress Bend stress Impact Value Specific gravity Bulk Density Moisture contents Soundness Sieve Analysis Deleterious material Crushing / abrasion value Water absorption Water absorption Efflorescence compressive strength Water absorption Crazing test Impact strength Test Chemical resistance test
			T-2591	TMT Steel Structural steel Aggregate / Sand Bricks/Tiles Ceramic tiles	Chemical & Mechanical Testing	

				soils		C.B.R. Value
						proctor density
						sedimentation value
						particle size determination
						plastic limit
						liquid limit
						OMC plasticity index
						relative density
				Cube		compressive strength
11	Hitech Concrete Solutions	N0. 64 , Galaxy Road,		Fine Aggregate	Mechanical Testing	Sieve Analysis
						Specific Gravity
						Water absorption
						Bulk Density
						Materials finer than 75 µ IS sieve
						Bulking of fine aggregate
						Soundness by sodium sulphate
				Coarse Aggregate		Sieve Analysis
						Specific Gravity
						Water Absorption
						Bulk Density
						Flakiness Index
						Elongation Index
						Crushing Value
						Impact Value
						10% fine Value
						Soundness by sodium sulphate
				Cement OPC/PPC Slag		Normal Consistency
						Initial Setting Time
						Final Setting Time
						Fineness by Blain's air permeability
						Soundness by Lechattelier Method
						Compressive strength
						Specific Gravity
				Fly Ash		Passing by 45 micron sieve
						Specific surface by blain's air permeability
						Soundness - By Le Chattelier Method
						Consistency
						Initial
						Flexural Strength
				Harden Concrete		Rapid Chloride Ion penetration test
						Accelerated Compressive Strength
						Water Permeability test
						Compressive Strength
				Burnt clay bricks/ Flyash bricks / Flyash lime bricks		Water absorption
						Efflorescence
						Dimension
				Concrete Paving Blocks		Compressive strength
						Water Absorption
						Dimension
						Dimension
						Water absorption
						Compressive strength
				Reinforcement / Structural Stee		Ultimate Tensile Strength
						0.2% proof stress
						% of elongation
						Mass per meter
						Bend Test
						Re-bend test
						Rebound Hammer Test
						Ultrasonic Pulse Velocity
				Reinforced Concrete / Reinforced concrete structural members	Non-Destructive Test	Half-Cell potential test
						Thickness of cover concrete
						Carbonation depth

12	Hitech Scientific Corporation	B-XI/43-44, Automobile Nagar, Delhi by pass road, Jaipur Rajasthan		Construction Water	Chemical Testing	Titration Test
						Organic matter content
						Inorganic matter content
						Sulphates content
						chloride content
						Total suspended matter
						pH
						loss on ignition
						Silica
						Alumina
						iron oxide
						Calcium Oxide
						Magnesia
						Sulphuric Anhydride
						Insoluble Residue
						Sodium Oxide
						Potassium Oxide
						Chloride
						Free lime content
						loss on ignition
						Silica
						Alumina
						Ferric oxide
						Calcium Oxide
						Magnesia
						Sulphuric Anhydride
						Chloride
						Dry material content
						ash content
						relative density
						chloride
						pH value
						pH
						Gel formation index
						Acid soluble sulphate
						Water soluble sulphate
						Alkali Aggregate Reactivity (Determination of potential reactivity of aggregates) Reduction in alkalinity Dissolved Silica
						Alkali Aggregate Reactivity (Determination of potential reactivity of aggregates) Reduction in alkalinity Dissolved Silica
						Insoluble residue dilute acid & alkali
						Loss in ignition
						Silicon dioxide
						Ferric & Alumina Oxide
						Calcium Oxide
						Magnesium Oxide
						Flash Point (COC)
						Absolute Viscosity at 60 °C
						Kinematic Viscosity at 135 °C
						Solubility in Trichloroethylene
						Residue on 600 micron
						Viscosity by Saybolt furol viscometer -at 25 °C -at 50 °C
						Coagulation of emulsion
						Storage stability after 24 hrs.
						Coating ability and water resistance
						Miscibility with water
						Particle charge
						Stability to mixing with cement
						Tests on Residue -Residue by evaporation -Penetration at 25° C -Ductility at 27 °C -Solubility in trichloroethylene

					Distillation -At 190 °C -At 225 °C -At 260 °C
				Polymer & Rubber Modified bitumen	Thin film oven test & test on residue loss in mass Increase in softening point Reduction in penetration of residue at 25°C Elastic recovery of half thread in ductilometer at 25°C Viscosity at 150° C (Absolute Viscosity) Specific Gravity 27° C Pour points Flash point (COC) Water content solubility in HSD Stripping Value Acid soluble chloride
				Antistripping Agents	Water soluble sulphate as SO ₃
				Hardened Concrete	Silica Content Moisture Content Loss on ignition Sodium Oxide Potassium Oxide sulphur trioxide chloride content insoluble residue
				Micro Silica	glass beads content
				hermoplastic traffic line materi	pH Total soluble sulphate total soluble solids
				Soil	Nitrogen Calcium carbonate chloride nitrate content organic matter binder content softening point
			TC-5540	Soil	Mechanical Test Specific Gravity by pycnometer method dry seive analysis wet seive analysis liquid limit plastic limit compaction factor (Protactor test) for heavy compaction Direct shear test (undrained) tri-axial compression test without pore pressure California bearing ratio free swell index shrinkage limit permeability test by laboratory permeability meter swelling pressure water content Unconfined compression test
				Coarse Aggregate	grain size analysis (Hydrometer method) Sieve Analysis Flakiness index elongation index bulk density specific gravity water absorption Impact Value 10% fine value Crushing Value Los Angeles Abrasion value

				Antistriping Agents		Under water coating test with 1 % anti-stripping agents for sprayed work
				Sealing Compound		Pour Point
				Micro Silica		Penetration
				Building stone		Particle retained on 45 micron sieve (%)
				Seven ply stand for prestressed concrete		Compressive strength ratio of microsilica (%)
				Rebar coupler assembly		Strength properties (72 hrs.) soaked, 24 hrs. oven dry
				3 ply strand for pre-stressed concrete		True specific gravity
				Reinforcement Steel Bar		water absorption
						Breaking load
						Nominal mass of strand
						% Elongation
						Yield load
						Tensile strength
						Breaking load
						Nominal Mass
						Area of strand
						Yield load
						% Elongation
						Yield stress
						Tensile strength
						% Elongation
						Bend
						Re-Bend
						Nominal Mass
						Total Elongation at maximum force
13	Italab (Goa) Pvt. Ltd. Italab House ,P.O.Box 103,	Italab House ,P.O.Box 103, Opp Carmelite Monaster , Malbhat Margao- Goa , 403601 Email Id : Italab.goa@rediffmail.com Italabgoa@rediffmail.com 0832 2703836 , 0832 2704883	T -1851	Cement	Chemical Testing	Loss on Ignition
				Hydrated Lime		Silica
				Gypsum		Alumina
				Soil		Iron
				Construction water		Calcium Oxide
						Magnesium Oxide
						Sulphuric Anhydride
						Insoluble Residue
						Available Lime
						Calcium Hydroxide
						Calcium Oxide
						Sulphur Anhydride
						Purity By calculation as SO ₃
						Basis
						Insoluble Residue
						pH
						Chlorides as Cl
						Sulphates as SO ₃
						Sulphates
						Total residue
						Filterable residue
						Chloride
						pH value
						Non-filterable residue
						Volatile and fixed residue
						Total Alkalinity
						Acidity
14	K C India Test Laboratories LLP	12/54, Site IV, Sahibabad, Ind. Area, Ghaziabad, (UP). kcitestlab@gmail.com 9599880268, 9599880265,	T-5844	Cement, Brick, Tiles, Aggregate, Soil, Hose Pipe etc.	Mechanical Testing	
15	National testing lab	Plot No. 83/14, street no.1 , Udyog nagar, Mundka industrial area, Delhi		Cement (OPC, PSC & PPC)		Setting time Initial
						Final
						Soundness Lechatlier Autoclave
						Compressive Strength
						Fineness Blain's method
						Consistency
						Drying shrinkage (for PPC)
						Density
						Fineness Blain's method
						Residue 45 micron

					Fly Ash	lime reactivity
						Compressive strength
						Soundness
						Autoclave Expansion
						Specific gravity
						Dimension
						Length
						Width
						Height
					Brick	Water Absorption
						Efflorescence
						Compressive Strength
						Flakiness Index
						Deleterious materials
						Bulk density
						Specific gravity
						Alkali aggregate reactivity
						-Reduction in alkanity
						Total dissolved silica
						Water Absorption
						Crushing Value
						Impact Value
						Abrasion Value
						10% fine value
						Sieve Analysis
						Elongation Index
						Organic Impurities test
						Water absorption
						Deleterious materials
						bulk density
						Alkali aggregate reactivity
						-Reduction in alkanity
						Total dissolved silica
						Soundness
						Sieve analysis
						Specific gravity
						Free swell index
						Liquid limit
						Density
						Sand content
						Marsh cone viscosity
						Gel formation index
						Compressive Strength
						Drying shrinkage
						Moisture movement
						Water Permeability test
						Rapid Chloride ion permeability test
						water absorption
						Flexural strength
						Split tensile strength
						Air content
						Water content
						Bleeding test
						Compressive Strength
						Flexural strength
						Setting time Initial
						Final
					Concrete Admixture	

					Blocks (Hollow & Solid)	Block density Compressive Strength Water Absorption Dimension Drying Shrinkage
					Pre cast concrete paver blocks	Compressive Strength Water Absorption Dimension Abrasion Resistance
					Cement Concrete tiles	Thickness of Wearing layer Wet transverse strength Water Absorption Dimension Abrasion Resistance Specific gravity
					Stone	Compressive Strength Scratch Hardness Transverse Strength Durability Dry density Moisture Content Porosity (True & Apparent) Tensile strength Resistance to wear
					Gypsum building plaster	Setting time Plaster Sand Mixture Neat Plaster Soundness Transverse Strength Mechanical Resistance of Set Neat Plaster Residue on 90 Micron Expansion on setting Normal consistency
					Micro Silica	Sieve Analysis at 45 Micron Compressive Strength
					Ceramic Products	Dimension & Surface quality Thermal shock Planeness / Straightness Squareness Crazing Resistance Water Absorption Modulus of Rupture Breaking Strength Scratch Hardness Resistance to staining Resistance to household chemical Resistance to Acid/Alkali Penetration Softening point ductility specific gravity solubility in trichloroethylene
					Bitumen	flash point (Open Cup) Penetration Softening Point
					rubber Modified Bitumen	Elastic recovery of half thread in ductilometer Elastic recovery of half thread in ductilometer after thin film Oven Specific gravity solubility in trichloroethylene flash point (Open Cup)
					Water Proofing Membrane	Tensile strength L/T Direction Elongation L/T Direction Tear strength L/T Direction Low Temp. Flexibility Water Absorption

				Flush door Shutter	Glue Adhesion test End Immersion test Knife test Dimensions Straightness Squareness local planeness Impact Indentation test Flexure test Edge loading test Shock resistance test Buckling test Slamming test Misuse test varying humidity test Screw withdrawal test
				Plywood/Shuttering/Fire retardant / Marine plywood / Wood/ Timber	Dimensions Glue Adhesion test Modulus of Rupture Water Resistance test Mycological test Glue shear test Tensile strength parallel to grain Tensile strength perpendicular to grain Moisture content density Glue shear test Fire resistance test - flammability test - Rate of burning - Flame penetration
				Soil	Proctor test Liquid limit Plastic limit CBR Value Direct shear test Cohesion Intercept C Value Internal friction Value Moisture content
				TMT (Reinforcement steel)	Elongation Tensile strength Yield stress / 0.2 % proof Bend Re bend Mass Bond requirement (N/mm ² /mm) - Rib area by dimension Measurement Pull out test Total elongation at max force
				Structural steel/ pipes & steel tubes/ wire/Fastners/Bolts/Screws & studs & Ferrous / Non ferrous	Elongation Tensile Strength N/mm ² Yield stress / 0.2 % proof , N/mm ² Hardness test Impact test Nbend Dimension test Mass. Kg Brinell hardness (for ferrous & non ferrous)
				Cement (OPC, PSC & PPC)	SiO ₂ Loss on ignition Al ₂ O ₃ Fe ₂ O ₃ CaO MgO SO ₃ Insoluble Residue Total chloride Sodium oxide (Na ₂ O) Potassium oxide (K ₂ O)

				<div>Pozollana Material (Fly ash)</div> <div>Concrete and mixture</div> <div>ardened Concrete and aggregat</div> <div>Micro Silica</div> <div>Bentonite</div> <div>Construction water</div>	Chemical Testing	<div>SiO₂</div> <div>Loss on ignition</div> <div>Moisture</div> <div>Al₂O₃</div> <div>Fe₂O₃</div> <div>CaO</div> <div>MgO</div> <div>SO₃</div> <div>SO₃</div> <div>Total Chloride</div> <div>Sodium oxide (Na₂O)</div> <div>Potassium Oxide (K₂ O)</div> <div>pH</div> <div>Dry Material Content</div> <div>Ash Content</div> <div>Relative density</div> <div>Chloride ion content</div> <div>Chloride</div> <div>Sulphate</div> <div>Sodium oxide</div> <div>Potassium Oxide</div> <div>Moisture</div> <div>Loss on ignition</div> <div>SiO₂</div> <div>Total Alkalis</div> <div>pH</div> <div>Total dissolved solid</div> <div>Organic Matter</div> <div>Inorganic matter</div> <div>Alkalinity</div> <div>Acidity</div> <div>Total suspended solid</div> <div>pH</div> <div>Chloride</div> <div>Sulphate</div>
16	Orbital Infrastructure Consultancy and Research Private Limited	Plot No. 1134, Mahanadi Vihar, Post-Naya Bazaar, Cuttack, Odhisha 0671- 2443408/ 2443588 mobile +91-9937250239, +91-9776153401	T-2774	<div>Concrete (Admixture)</div> <div>Aggregate (Coarse & Fine)</div> <div>Cement (OPC, SRPC & HAC)</div> <div>Portland Slag Cement</div> <div>Portland Pozzolana Cement</div> <div>Bitumen</div> <div>Soil</div>	Chemical Testing	<div>pH Value</div> <div>Chloride content</div> <div>Ash Content</div> <div>Dry Material Content</div> <div>Relative density</div> <div>Alkali Reactivity</div> <div>Reduction Alkalinity</div> <div>Soluble silica</div> <div>Organic Matter</div> <div>Coal & Ignite</div> <div>Lime (Calcium Oxide)</div> <div>Iron Oxide Content</div> <div>Alumina Oxide</div> <div>Silica</div> <div>Loss on Ignition</div> <div>Insoluble Residue</div> <div>Sulphuric Anhydride</div> <div>Magnesium Oxide</div> <div>Lime (Calcium Oxide)</div> <div>Iron Oxide Content</div> <div>Alumina Oxide</div> <div>Silica</div> <div>Loss on Ignition</div> <div>Insoluble Residue</div> <div>Sulphuric Anhydride</div> <div>Magnesium Oxide</div> <div>Lime (Calcium Oxide)</div> <div>Iron Oxide Content</div> <div>Alumina Oxide</div> <div>Silica</div> <div>Loss on Ignition</div> <div>Insoluble Residue</div> <div>Sulphuric Anhydride</div> <div>Magnesium Oxide</div> <div>Mineral Matter (Ash Content)</div> <div>Solubility in carbon trichloroethylene</div> <div>pH Value</div> <div>Total soluble sulphate</div> <div>Organic Matter</div> <div>Calcium Carbonate</div>

			Reinforcement steel bar	Carbon
				Sulphur
				Phosphorous
				Tensile strength
			Steel (Reinforcement Steel)	Yield stress
				Elongation test
				Bend test
				Re Bend test
			Cement (OPC / PSC / PPC / SRPC / HAC)	Unit Weight
				Fineness by dry sieving by 90 micron
				Fineness by Blains air permeability method
				Consistency
				Setting time
				Soundness (Le-chatelier test)
				Compressive strength
				Density
			Pozzolana	Density
				Finess by dry sieving 45 micron
				Fineness by Blains air permeability method
				Lime reactivity
			Coarse aggregates	Soundness by autoclave
				Compared compressive strength
				Grading
				Soundness
				Flakiness Index
				Elongation index
				Angularity number
				Deleterious Material
				Clay lumps
				Finer than 75 micron
				Clay, fine silt & fine dust
				Bulk density
				Specific gravity & water absorption
				Surface moisture
				Crushing value
				10% fines value
				Impact value
				Los angeles abrasion value
				Stripping value
				Grading
			Fine aggregate	Soundness
				Specific gravity & water absorption
				Bulk density
				Deleterious Material
				Clay lumps
				Finer than 75 micron
				Clay, silt & fine dust
				Surface moisture
				Silt content
				Bulking
				Compressive strength
				water absorption
			Bricks	Efflorescence
				Bulk density
				Dimension
				fineness by dry seiving
			Building lime	Compressive strength
				Soundness
				Setting time
				Consistency / Workability
			Admixture	Relative density
				Water content
				Compressive strength
				Flexural strength
				Workability
				bleeding
				Slump test
				Compacting factor test
			concrete	Flow test
				Compressive strength
				Flexural strength
				Permeability of concrete

				Timber		Moisture content
				Specific gravity		
				Bitumen		Softening point
						Penetration test
						Ductility test
						Marshall stability test
						Hardness
						Specific gravity
						Absolute viscosity
						Kinematic viscosity
						Flash point by open cup
						Flash point by close cup
				Bitumen emulsion		Residue by sieving on 600 micron
						Sayboltfulral viscosity
						coagulation of emulsion
						Miscibility with water
						Coating ability
						Storage stability
						Water absorption
				Paver block		Compressive strength
				Concrete Block		Water Absorption
						Block density
				Tile		Compressive strength
						Dimension
				Paving Mixture		Water Absorption
Soil	Binder content					
	Specific gravity					
	Grainsize analysis					
	Sieve Analysis					
	Sedimentaion Analysis					
	Atterbergs limit					
	Liquid limit					
	Plastic limit					
	Moisture content					
	Direct shear test					
	Unconfined compression test					
	Triaxial compression test					
	Odeometer consolidation test					
	Permeability test by falling head method					
	Linear shrinkage method					
	Light compaction test					
	Heavy compaction test					
	Free swell index (DFS)					
	California bearing ratio test					
	Relative density test					
Shrinkage limit						
Natural building stone	Bulk density					
	water absorption					
	Compressive strength					
T-3784	Reinforced Concrete solutions	Non - Destructive testing	Rebound Hammer			
			Ultra sonic pulse velocity			
17	Pibco Ltd R & D Centre	2, Kalkaji Industrial Area, New Delhi-110019 Tel. 011-26215735 , 8800465678 pibcornd@gmail.com , info@pibcornd.com	TC-5219	Testing of insulation Material	Mechanical	Dimension
						Determination of resistance to compression
						Determination of bulk density
						Determination of bulk density under specified load
						Determination of moisture absorption
						Determination of setting due to vibration and jolting
						Determination of water vapour permenance
						Determination of fiber diameter
						Determination of shot content
						Determination of recovery after compression

						Test for thermal conductivity
						Incombustibility test
						Test for maximum recommended temperature
				Thermal Insulation material		Compressive properties
						Hot surface performance linear shrinkage
						Maximum Service temperature
						Heat stability
18	Pollucon Laboratories Pvt. Ltd.	Mr. Devang Gandhi Plot No. 5/6, Shantinath Silk Mills lane, Near Navjivan Circle Opp. Balaji Industrial Society UM Road Surat -395007 Cell No.: +91 9328967090 Email :- pollucon@gmail.com	TC-5945	Cement	Chemical Testing	LOI
						Al ₂ O ₃
						CaO
						Cl
						Fe ₂ O ₃
						IR
						MgO
						SiO ₂
						SO ₃
						Total Alkalies as Na ₂ O
				Fly ash		LOI
						Al ₂ O ₃
						Available Alkalies as Na ₂ O
						CaO
						Cl
						Fe ₂ O ₃
						MgO
						SiO ₂
						SO ₃
				Concrete		Chlorides
						Sulphates
				Aggregate		Alkali Aggregate Reactivity
						Chlorides
						Organic Impurities
						Sulphates
						Ash Content
				Admixture		Chlorides
						Dry Material Content
						pH
						Relative Density
19	SGS India Private Limited	Anand VS-Customer Co-Ordinator (080 65627818) Sajulal G-Lab Manager		Coarse Aggregate	Mechanical Testing	Sieve Analysis
						Specific Gravity
						Water Absorption
						Aggregate Impact Value
						Aggregate Crushing Value
				Fine Aggregate		Sieve Analysis
						Specific Gravity
						Particle finer than 75 micron
				Concrete cubes		Compressive Strength
						Consistency
						Initial Setting Time
						Final Setting Time
				Cement		Fineness (Blaine's Method)
						Compressive Strength
						Soundness (Le-Chatelier Method)
						Water Absorption
				Concrete Solid Blocks		Compressive Strength
						Block Density
						Weight / Meter
						Yield Stress
						Ultimate Stress
				Reinforcement Steel		Elongation
						Bend Test
						Re-bend test
20	Shyam Steel Industries Limited Q.C laboratory	Mr. Surajit Dasgupta Mob - 9903944053	T - 2747	Hot rolled steel Bars & HSDS bars	Mechanical testing	Tensile test, % Elongation, Bend Test , Rebend Test & mass/meter
						Tri Axial
						Wet Sieve Analysis
						Specific Gravity
						Liquid limit

21	Snow Fountain Group	Office:5/259 (HIG) Vikas Nagar Lucknow. Phone: 0522-4047624 (O); 09415001208(M), 9005444786	T-3781	Soil	Mechanical testing	Plastic limit Differential free swell Consolidation Properties Shear Parameter by Direct Shear Test Moisture Content Particle size Analysis by Hydrometer Method Water content – dry density relation using Light Compaction Water content – dry density relation using heavy Compaction Laboratory determination of CBR Total Soluble solids Organic Matter Calcium Carbonate pH value Standard penetration test Dry density of soil, In place by sand replacement method dry density of soils in place by sand replacement method dry density of soils in place by core -cutter method
				Bricks		Dimensions and tolerances of burnt clay building bricks Compressive strength of burnt clay building bricks Efflorescence of burnt clay building bricks
				Aggregate		Particle size distribution of fine, coarse and all-in-aggregate by sieving or screening Material finer than 75 micron Flakiness Index Elongation Index Specific Gravity Water Absorption Bulk density Aggregate crushing value of coarse aggregate Impact Value Abrasion Value
22	Spectro Analytical Labs Limited	E-41, Okhla Industrial Area Phase-II, New Delhi-110020 Ph: 011-40522000 Email: qa@spectrogroup.com umesh@spectro.in		Cement		Fineness by dry sieving of hydraulic cement Soundness by Le-Chatlier Consistency of Standard cement paste for Hydraulic cement Initial Setting Time for Hydraulic cement Final Setting Time for Hydraulic cement Compressive Strength for Hydraulic cement other then masonry cement Strength of Concrete
					Chemical Testing	LOI SiO ₂ Al ₂ O ₃ Fe ₂ O ₃ SO ₃ Na ₂ O K ₂ O Cl
				Cement (OPC, PPC & PSC, Clinker)		

						CaO
						MgO
						Mn ₂ O ₃
						P ₂ O ₅
						TiO ₂
						IR
						Sulphide Sulphur
						SiO ₂
						Al ₂ O ₃
						Fe ₂ O ₃
						TiO ₂
						LOI
						SiO ₂
						Al ₂ O ₃
						Fe ₂ O ₃
						CaO
						MgO
						SO ₃
						Available Na ₂ O
						Available K ₂ O
						Cl
						SiO ₂
						Al ₂ O ₃
						Fe ₂ O ₃
						TiO ₂
						CaO
						MgO
						Na ₂ O
						K ₂ O
						Chlorides
						Sulphates
						Chlorides
						Sulphates
						Alkali Aggregate Reactivity
						Dry Material Content
						Chlorides
						Ash Content
						pH
						Relative Density
						pH
						Conductivity
						Water Content
						Organic Matter
						Cation Exchange Capacity
						Total Kjeldahl Nitrogen
						Phosphorus as P
						Water soluble Sulphate
						Water soluble Chloride
						Calcium Carbonate
						Salt Spray Tests (NSS)/CASS/ASS
						Tensile Test
						Ultimate Tensile Strength
						Yield stress / 0.2% proof stress
						Elongation
						Young's Modulus
						Hot Tensile
						Fracture Test
						Shear Strength

					Abrasion Test
					Impact, Charpy (V) (Ambient to -196°C)
					Rockwell Hardness (B Scale)
					Rockwell Hardness (C Scale)
					Bend test
					Hardness (HBW) (10/3000, 5/750, 5/250, 2.5/187.5)
					Vickers Hardness (HV5, HV10 & HV30)
					Micro Hardness (HV 0.2, HV 0.3, HV 0.5, HV 1)
					Micro Hardness (HV 0.025, HV 0.05, HV0.1)
					Dimension
					Mass
					Flattening test
					Flaring test (Drift expending test)
					Wrapping Test
					Torsion Test
					Cupping test
					Rebend test
					Mass per Meter
					Deformation & Surface Charecteristics
					Mean Projected Rib Area
					Mean Projected area of Transverse Ribs
					Surface Roughness
					Intergranular Corrosion
					Pitting Corrosion Test
					Nick Break Test
					Sulphide stress Cracking resistance
					Hydrogen Induce Cracking
					Coating Thickness
					Static Tensile Test
					Tensile Strength
					Elongation
					Slip Test
					Breaking Load
					0.2% Proof Load
					Area of Strand
					Mass of Strand
					Nominal Dia of Strand
					Lay Length
					Elongation
					Modulus of Elasticity
					Relaxation Test
					Consistency
					Initial Setting Time
					Final Setting Time
					Compressive Strength
					Fineness Blaine
					Soundness (Le-chatelier)
					Soundness (Autoclave)
					Drying Shrinkage
					Density
					Fineness by dry sieving
					Fineness (Specific Surface) Blaine's
					Particle retained on 45 micron
					Density
					Soundness by (Autoclave Expansion)
					Lime reactivity
					Compressive Strength at 28 days
					Sieve Analysis
					Crushing Value
					Impact Value
					Flakiness Index
					Elongation Index
					Soundness

					Aggregates (Coarse & Fine)	10% Fine Value
						Water Absorption
						Specific Gravity
						Bulk Density
						Silt & Clay (Fine Dust)
						Deleterious Material
						Clay Lumps
						Coal & lignite
						Material Finer Than 75µ IS Sieve
						Abrasion Value (Los Angeles Method)
						Organic Impurities
					Bricks (Burnt Clay Bricks, Pulverized Fuel,Ash Lime Bricks)	Compressive Strength
						Water Absorption
						Efflorescence
						Dimension
						Moisture Content
						Specific Gravity
						Hardness Mohs Scale
					Stone (Marble/Granite)	App. Porosity
						Compressive Strength
						Modulus of Rupture
						Water absorption
						Water Permeability
						Rapid Chloride Permeability Test
					Concrete	Compressive Strength
						Flextural Strength
						Drying Shrinkage
						Liquid Limit
						Sand Content
						Free Swelling
						pH Value
						Density
						Wet Transverse Test
						Water absorption
						Resistance to wear
						Dimensions
						Thickness of Wearing - Layer
						Flatness
						Perpendicularity
						Straightness
						Wet Transverse Test
						Water absorption
						Resistance to wear
						Dimensions
						Thickness of Wearing - Layer
						Flatness
						Perpendicularity
						Straightness
						Crazing
						Chemical Resistance
						Scratch Hardness
						Penetration
						Flash Point
						Specific Gravity
						Softening Point
						Viscosity
						Ductility Test
						Moisture Content
						Specific Gravity
						Density
						Moisture
						Compressive Strength
						Dimensions
						Water Absorption
						Abrasion Resistance
						Dimension
						Block Density
						Compressive Strength
						Drying Shrinkage
						Moisture Content
						Thermal Conductivity
						Dimension
						Block Density
						Compressive Strength
						Water Absorption
						Drying Shrinkage
					Hollow & Solid Concrete Blocks	

				Admixture		Moisture Movement							
						Water Content							
						Slump							
						Time of Setting, Allowable variation from control sample							
						Initial							
						Final							
						Compressive strength							
						Flextural strength							
						Length change							
						Bleeding							
			Soil	Air content (By Density Method)									
				Light Compaction									
				Heavy Compaction									
				Liquid Limit									
				Plastic Limit									
				CBR Test									
				Dry Seiving									
				Wet Seiving									
				Shrinkage limit									
				Free swelling Index									
			Concrete Pile	Pile Integrity Test									
				Ultrasonic Pulse Velocity									
			T-0832	Concrete		NDT Testing	Cover Meter						
							Crack depth measurement						
							Rebound Hammer						
							Half Cell Potentiometer						
							Carbonation Test						
				Capo Test									
				Non Conductive Protective Coating on Conductive			Holiday Testing						
							23	Spectro Analytical Labs Limited	S-1, GNEPIP, Surajpur Industrial Area Phase-V. Kasna, Greater Noida Ph: 011-40522000 Email: qa@spectrogroup.com umesh@spectro.in	T-3984	Cement	Mechanical Testing	Consistency
													Initial Setting Time
Final Setting Time													
Compressive Strength													
Fineness Blaine													
Soundness (Le-chatelier)													
Soundness (Autoclave)													
Density													
Fineness by dry sieving													
Coarse Aggregate													
Aggregates	Sieve Analysis (% Passing)												
	Crushing Value												
	Impact Value												
	Flakiness Index												
	Elongation Index												
	10% Fine Value												
	Water Absorption												
	Specific Gravity												
	Soundness												
	Bulk Density												
Autoclaved Celluler Concrete Blocks, Autoclaved Aerated Concrete Blocks	Material Finer than 75 Micron												
	Abrasion Value (Los Angeles)												
	Sieve Analysis (% Passing)												
	Water Absorption												
	Specific Gravity												
	Soundness												
	Bulk Density												
	Material Finer than 75 Micron												
	Dimension												
	Block Density												
Soil	Compressive Strength												
	Moisture Content												
	Drying Shrinkage												
	Fire Test (up to 1200°C) (3 Mtr X 3 Mtr X 1.2 Mtr)												
	Light Compaction (MDD/OMC)												
Heavy Compaction (MDD/OMC)													
Liquid Limit													
Plastic Limit													

						CBR Test
						Grain Size Analysis-Wet Seiving
				Concrete		Free Swelling Index
				Building Bricks		Compressive Strength
						Compressive Strength
						Water Absorption
						Dimension
			T-3983	Cement (OPC, PPC, PSC)		Loss on Ignition
						Alumina (as Al ₂ O ₃)
						Silica (as SiO ₂)
						Iron Oxide (as Fe ₂ O ₃)
						Sulphuric Anhydride (as SO ₃)
						Lime (as CaO)
						Magnesia (as MgO)
						Chloride (as Cl)
						Insoluble Residue
				Concrete		Water Soluble Chlorides
						Sulphates
				Aggregates		Water Soluble Chlorides
						Sulphates
						Alkali Aggregate Reactivity
						Dry Material Content
						Ash Content
				Admixture		pH
						Relative Density
						Chlorides
24	Star Wire (India) Ltd. , Diagnostic Centre	21/4, Mathura road, Ballabgarh, Haryana		Construction water		Acidity
						Alkalinity
						Calcium
						Chlorides
						residual free chlorine
						colour fluorides
						Total hardness
						magnesium
						Cadmium
						Chromium
						Hexavalent Chromium
						Copper
						Iron
						Lead
						Manganese
						silver
						aluminium
						Nickel
						sodium & potassium
						Zinc
						pH value
						Total dissolved solid
						Volatile (organic) solids
						Fixed (Inorganic) solid
						Nitrates - Nitrogen
						Conductivity
						Sulphates
						Turbidity
						Phenols
						Silica
				Refractory material, fire bricks & clay		Loss on Ignition
						Oxide of silica
						Alumina
						Iron Oxide
						Calcium Oxide
						Magnesium Oxide
						Titanium Oxide
				Fly Ash		Iron Oxide
						Alumina Oxide
						Calcium Oxide
						Magnesia
						Oxide of silica
						Sulphate
						Loss on Ignition
						Total Alkali
						Loss on Ignition
						Insoluble residue
						Alumina
						Iron Oxide
				Cement OPC PPC PSC		Silica
						Calcium Oxide

						Magnesium Oxide
						Sulphuric anhydride as SO ₃
						Sulphide Sulphur
						Chlorides
						Chlorides
						pH value
						Ash Content
						Dry material content
						Relative Density
						pH value
						Total soluble sulphate
						Alkali Reactivity
						Dissolved silica
						Reduction in alkalinity
						sulphate
						Chlorides
						Sulphate
						Chloride
						Water Absorption
						Dimensions
						Abrasion Value
						Wet Transverse strenth
						Modulus of rupture
						Breaking strength
						Water Absorption
						Bulk density
						Cold crushing strength
						Water Absorption
						Compressive strength
						Efflorescence
						Dimensions
						Flakiness Index
						Elongation Index
						Sieve Analysis
						Water Absorption
						Specific Gravity
						Bulk density
						Material finer than 75 micron
						Impact Value
						Crushing Value
						10% fine value
						deleterious materials
						L.A. Abrasion value
						Organic Impurities
						Soundness
						Stripping Value
						Flexural strength
						Compressive strength / Core test
						Durability
						water absorption
						Apparent Porosity
						Apparent specific gravity
						Lime reactivity
						Specific Gravity
						Fineness by blain's permeability method
						particle retained on 45 micron sieve
						Soundness by autoclave
						Moisture content by oven dry method
						Bitumen contents from DBM , BC, SDBC
						Bitumen Penetration test
						Softening point (R & B)
						Ductility
						Elastic Recovery
						Consistency
						Setting Time
						Fineness by blain's permeability method
						Soundness by autoclave
						Soundness by Le-Chatlier
						Compressive strength
						Water content
						Slump

				Admixture		Time of setting
						Compressive strength
						Flexural strength
						Length Change
						Bleeding
						Loss of workability
						Air content (%)
						Liquid limit
						Plastic limit
						California bearing ratio
						Sieve Analysis
						Determination of water content
						proctor density test
						Direct shearing testing
						Field Density test (sand replacement method & core cutter method)
						One dimension consolidation
						Tri Axial (UU)
				Concrete	Non-Destructive Test	Re-bound hammer
						Ultrasonic pulse velocity test
25	Subodh Technologists	R-968, M.I.D.C. Rabale, Navi Mumbai, Maharashtra	T-0629	TMT Bar		Rebend Test
				Timber & Plywood	Mechanical testing	Moisture content
						Specific gravity
						Shear strength parallel to grains
26	TUVR Heinland India Pvt Ltd	Mr. Rajesh Chiney Country Head, Material Testing Plot No.17B, Electronics City,Phase 2, East Wing, Hosur Road, Bangalore 560100	TC 5688	HSD Bars		Weight per meter
				Structural Steel, Stainless Steel, Cast Iron	Mechanical Testing	Tensile test (UTS, YS, %E and %RA) Bend
				Microstructures		Test Charpy Impact Test
						Hardness (BHN, Rockwell, Vickers)
27	Unique Engineering Testing & Advisory Services	216, Bridge Road No. 6-F, New Estate, Udhyog Nagar, Udhna, Surat, Gujarat 0261-2278205 , 0261-2278310 , 9824116103		Fine Aggregate	Mechanical Testing	Sieve Analysis
						Finer than 75 micron
						Specific Gravity water Absorption
						Bulk Density
						Soundness by sodium Sulphate
						Sieve Analysis
						Elongation
						Flakiness Index
						Water Absorption
						Specific Gravity
						Bulk Density
						Ten percent fine value
						Abrasion value
						Impact value
						Crushing value
						Soundness by sodium Sulphate
						Specific Gravity
						Penetration
						Softening Point
						Ductility
						Kinematic Viscosity
						Absolute Viscosity
						Marshall Stability
						Flow Value
						Bulk Specific Gravity
						Density
						Binder Content
						Dimension
						Compressive strength
						Water Absorption
						Efflorescence
						Dimensions
						Block density
						Compressive strength
						Drying Shrinkage
						Water Absorption
						Compressive strength
						Abrasion resistance
						tensile splitting strength

				Soil at Site		Dry Density of soil in place by sand Replacement Method Plate Load Pile load Vertical load (Compression) Lateral Load Pull out (Uplift) Field CBR Modulus of sub-grade reaction Electrical reactivity Rebound Hammer Ultrasonic Pulse Velocity Cover Thickness Half Cell Potential
			T-4248	Reinforced Concrete Structures	Non-destructive Testing	Moisture Content Bulk Density (Wet/Dry) Atterberg's Limits Sieve Analysis Triaxial Test Cohesion Angle of internal friction Compaction Index Procter Test Light Compaction Heavy Compaction C.B.R. Test Specific Gravity Grain Size Analysis Grading (Residue of sieves) Impact Value Water absorption Specific Gravity Fineness Modulus Specific Gravity Bulk Density Length Width Height Water absorption Efflorescence Compressive strength Consistency Setting Time Compressive strength
28	Universal Test House	VIJAI P. MISHRA C-200/140, Indra Nagar Lucknow - 226016 MOB. NO. - 9415410246,8004950301 Email :- universaltesthouse@gmail. com	T-3236	Soil Coarse Aggregate Fine aggregate Brick Cement	Mechanical Testing	