Table 1: General Information of Client

Company Name				
Company Address				
(Register office)				
	Tel.			
	Fax			
	e-mail			
Location of Plant				
Address of Plant				
	Tel.			
	Fax			
	e-mail			
Personnel information				
• Plant-in-		Name		
	charge/Manager	Telephone		
•	QC personnel	Name		
		Telephone		
•	Liaison personnel	Name		
		Telephone		
Material Testing Facilities		Location and address		
		Name of lab in-charge		
		Telephone		
Statutory Permissions*		1.Certificate from Pollution Control Board		
		Yes ☐	No ☐	N.A. ☐
		Expiry date:		
		2. Approval from factory inspector		
		Yes ☐	No ☐	N.A. ☐
		Expiry date:		
		3.Approval from Local Authorities (Municipal/Corporation/other)		
		Yes ☐	No ☐	N.A. ☐
		Expiry date:		

* It is essential to attach photocopies of all relevant statutory permissions and certificates.

Table 2: General Information on Concrete Production Facilities (3.1.1 of Section A)

Name of Plant Manufacturer	
Type of Plant	
Plant's Rated capacity, m^3/hour	
Type of Mixer*	Rotating-drum type ☐ Power mixer ☐ Planetary Mixer ☐ Pan type ☐ Pan-type with agitator ☐ Single shaft ☐ Twin shaft ☐
Mixer batch size, m^3	
Storage Capacity	
Cement, tonnes	
Fly ash, tonnes	
Slag, tonnes	
Other cementitous material, tonnes	
Coarse aggregates, tonnes or m^3 10-mm 20-mm 40-mm	
Fine aggregates, tonnes or m^3 River sand Manufactured sand	
Crusher fines, tonnes or m^3	
Water, litres	
Chemical admixtures, litres	
Plasticiser Superplasticiser Retarder Any other	
Others	
**Brief description of recycling facility, if any	
Number of trucks with rated capacities	
Name of drum and truck manufacturer	1 2 3
**Additional information on Plant & Trucks, if any	

* Tick (√) in appropriate box. **Add extra sheets if essen al

Table 3: General Information on Material Handling (3.1.1 of Section A)

Material	*Delivery to Plant*	*Storage*	*Storage to Weigher*
Cement	Bulk ☐ Bags ☐	Silo ☐ Godown ☐	Screw conveyor ☐ Air Slide ; Gravity ☐
Coarse aggregates	Trucks ☐	Star pattern ☐ In-line bins ☐ compartments ☐ Tall/pocket silos ☐	Conveyor ☐ Skip bucket ☐ Bucket conveyor ☐
Fine aggregates	Trucks ☐	Star pattern ☐ In-line bins ☐ compartments ☐ Tall/pocket silos ☐	Conveyor ☐ Skip bucket ☐ Bucket conveyor ☐
Fly ash	Bulk ☐ Bags ☐	Silo ☐ Bins ☐	Screw conveyor ☐ Manual ☐
Slag	Bulk ☐ Bags ☐	Silo ☐ Bins ☐	Screw conveyor ☐ Manual ☐
Micro silica	Bags ☐	Silo ☐ Godown ☐	Screw conveyor ☐ Manual ☐
Other cementitious material (specify)	Bags ☐	Silo ☐ Godown ☐	Screw conveyor ☐ Manual ☐
Water	Mun. mains ☐ Wells ☐ Ponds ☐	Underground/over-ground tank ☐	Pumping ☐ Gravity flow through pipe network ☐
Chemical admixtures(Liquid)	Drums ☐ Tankers ☐	Drums ☐ Tanks ☐	Dispenser ☐
Chemical admixture or additives	Bags ☐	Godown ☐	Manual ☐
Special arrangement for supplying temperature-controlled concrete, if used	Occasional use ☐ Not used ☐ Arrangement 1. Addition of ice slabs in mixing water tank ☐ 2. Addition of ice flakes in mixing drum ☐ 3. Chilling Plant ☐ 4. Combination of above (1/2/3) ☐		

* Tick (√) in appropriate box. If materials/ provisions not used, keep the boxes blank.

Table 4: List of Minimum Testing Equipment for Laboratory attached to RMC Facility (3.3 of Section A)

Sl. No.	*Relevant test and BIS Standard*	*Name of equipment*	*Minimum no. of units*	*Calibration frequency and relevant code*	*Whether calibration done as specified and records kept*	
					Yes	No
1.	Slump test (IS 1199-1959)	Slump cone test apparatus with all accessories such as base plate, tamping rod, etc.	2 sets	Yearly IS 1199		
2. *	Compressive strength of concrete *(IS 516)	Compression Testing Machine with minimum 2000 kN capacity, conforming to IS 14858 *	One no.	Yearly IS 516		
3.	Preparing concrete test specimens (IS 1199)	Cube moulds of size: • 150 mm x 150 mm x 150 mm • 100 mm x 100 mm x 100 mm	30 nos.	Yearly IS 10086		
4.	Sieve analysis of fine and coarse aggregates (IS 2386- Part I)	IS Test sieves for fine and coarse aggregates • 40 mm, 25 mm, 20 mm, 12.5 mm, 10 mm, 6.3mm, 4.75 mm, and lid+pan • 10 mm, 4.75 mm, 2.36 mm, 1.18 mm, 600 µm, 300 µm, 150 µm, 75 µm, 45 µm and lid+pan	one set for coarse and fine agg. each	Yearly IS 2386 – Part I		
5.#	Sampling of aggregates # (IS 2430)	Sieve shaker for fine aggregates #	One	Yearly		
		Sample divider for sampling of aggregates #	One	Yearly		
6.	Unit weight of concrete (IS 1199)	Bulk density pot for fresh concrete (10 lit)	one no.	Yearly IS 2386–Part III		
7.	Aggregates Bulk density(IS 2386- Part III)	Bulk density pot for fine (3 or 5 lit) and coarse aggregates (7 or 10 lit)	one no each for coarse & fine agg.	Yearly IS 2386 – Part III		
8.	Silt content of sand	Graduated glass cylinder (500 ml) for determining silt content	one no.	-		
9.	Specific gravity of aggregates	Pyknometer and density basket or Gas Jar for determining specific gravity of aggregates	one no.	Yearly IS 2386–Part III		

		(P.T.O)				

(Continued from previous page))

10.	Other accessories	Electronic weighing balance of adequate capacity with accuracy of 1 g.	One	Yearly	☐	☐
		Laboratory mixer (min 50 lit)	One	Man. specified	☐	☐
		Electric microwave oven (IS 11332)	One	Yearly IS 6365	☐	☐
		Concrete compaction equipments (Table vibrator / needle vibrator, tamping rods)	One	Yearly	☐	☐
		Curing tank with provision to maintain 27±2^{o} C temperature of water	One	-	☐	☐
		Shovels, trowels, flexible spatulas, meter, etc.	Sufficient nos.	-	☐	☐

Notes:

Alternatively, shaking of sieves done manually and sampling of aggregates done by quartering technique shall be permitted.

* In case the CTM lab is not available in the lab, concrete cubes shall be tested in the RMC Company/Organization's other lab in the same city, provided due care is taken to transfer the cubes with proper precaution and identification for standard curing for 28 days.

Wherever flexural strength is specified in addition to compressive strength, it is essential have nine nos. of beam moulds of 150x150x700mm size. It is also essential to have the facility of additional attachment for the CTM to carry out this test.

Table 5: List of Sources of Incoming Approved Materials (4.2 of Section A)

(Valid as on date: DD/MM/YY)

Sr No.	Type of Ingredient	Source and brand name (if any)	Supplier' name and address	Acceptance criteria followed for approval	Remarks

Table 6-A: Verification and Testing Frequency of Cement, SCMs, Water and Chemical Admixtures (4.3.8 of Section A)

Sl. No	*Material*	*Verification*	*Scope*	*Frequency*
1.	Cement	• Delivery Documents • Manufacturer's test certificate for physical and chemical properties	• Verify that the goods delivered Match the purchase order (type, brand name, week of manufacture). • In case the supply is by bulker, verify lock seal nos. and ensure that they tally with the nos. on Challan • Manufacturer's test certificate traceable to each consignment	• Each consignment
2.	Supplementary Cementitious Materials (SCMs) 1. Fly ash (IS 3812 (Part1) 2. Ground Granulated Blast Furnace Slag (IS 12089 and BS 6699) 3. Microsilica (IS 15388) 4. Metakaolin	• Delivery Documents • Manufacturer's test certificate on physical and chemical properties • Uniformity requirements as per relevant IS codes	• Verify that the goods delivered Match the purchase order (type, brand name, week of manufacture) • Verify that each consignment has a manufacturer's test certificate confirming all physical and chemical properties and performance conform to requirements of relevant IS codes traceable to each consignment. • Verify all uniformity requirement tests as per relevant IS code done from NABL-accredited lab at specified frequencies.	• All tests on physical and chemical requirements and performance specified by relevant IS Code essential Before finalizing source • All Uniformity tests as per relevant IS code Performed once in six months from NABL-accredited lab
3	Water	• Delivery documents	• Shall be tested for suitability for concrete making as per IS 456-2000 at frequencies specified by IS 4926 for mains and non-mains water.	• For non-mains water: Initially every week for first six weeks and then at 3-monthly internal • For mains water: Annual basis Once all tests for Source are satisfactory

Sl. No	*Material*	*Verification*	*Scope*	*Frequency*
4.	Chemical admixtures	• Delivery Documents • Manufacturer's test certificate for physical and chemical properties, uniformity requirements and compatibility	• Verify that the goods delivered match the purchase order (type, brand name, week of manufacture) • Verify that each consignment has a manufacturer's test certificate confirming all physical and chemical properties, performance, and compatibility with the cement conforming to requirements of IS 9103 and is traceable to each consignment • Verify all Uniformity requirement tests as per IS 4926 done from NABL-accredited lab at specified frequencies	• All tests specified by IS 9103 essential before finalizing source • All Uniformity tests as per IS 4926 performed once in six months from NABL-accredited lab. • Compatibility tests shall be conducted whenever there is change in combination of cement and admixture.

TABLE 6-B: Verification and Testing Frequency for Aggregates (4.3.8 of Section A)

Delivery documents

Delivery document shall be verified to check delivered aggregates match the purchase order and that their source is correct. Visual inspection shall be done to check normal appearance, shape, presence of excessive fines, impurities etc.

Testing frequencies

Aggregates shall be tested at a minimum frequency indicated below. The specified frequencies are in conformity with provisions in IS 4926 or stringent from the same.

Sl. No.	*Aggregate property/parameter*	*Type of aggregate*	*Frequency of Testing*	*Relevant IS Standard*
1.	Grading	Fine aggregate • Uncrushed • Crushed Coarse aggregate • Uncrushed • Crushed	Weekly	IS 383-1970
2.	Particle density • Oven dry • Saturated surface dry • Apparent	Both fine and coarse aggregates	3 monthly	IS 2386 (Part 3)
3.	Water absorption	Both fine and coarse aggregates	3 monthly	IS 2386 (Part 3)
4.	Bulk density • Loose • Compacted	Both fine and coarse aggregates	6 Monthly	IS 2386 (Part 3)
5.	Particles finer than 75 µm	Fine aggregate- • Uncrushed • Crushed	Weekly	IS 2386 (Part 1)
6.	Flakiness and Elongation indices	Coarse aggregates	6 monthly	IS 2386 (Part)
7.	Impact value	Coarse aggregate	Yearly or change in source	IS 2386 (Part 4)
8.	Crushing value	Coarse aggregate	Yearly or change in source	IS 2386 (Part 4)
9.	Abrasion value	Coarse aggregate	Yearly or change in source	IS 2386 (Part 4)

Sl. No.	*Aggregate property/parameter*	*Type of aggregate*	*Frequency of Testing*	*Relevant IS Standard*
10.	10% Fines	Coarse aggregate	Yearly or change in source	IS 2386 (Part 4)
11.	Petrographic examination	Both fine and coarse aggregates	Once in 5 years or change in source	IS 2386 (Part 8)
12.	Alkali-aggregate reactivity	Both fine and coarse aggregates	Yearly or change in source	IS 2386 (Part 7)
13	Soundness	Both fine and coarse aggregates	Yearly or change in source	IS 2386 (Part 5)
14	Chloride content	Both fine and coarse aggregates	Yearly or change in source	
15	Deleterious materials	Both fine and coarse aggregates	Yearly or change in source	IS 2386 (Part 2)

Table 7: Concrete mix information to be supplied by the purchaser (5.4 of Section A)

Name of RMC Producer: _____
Name of Client/Contractor:_____
Site: _____

Mix code					
Grade (Characteristic strength), N/mm^2					
Minimum cement content, kg/m^3 (if specified)					
Mineral additives, kg/m^3 (if specified) • Pulverized fuel ash • Slag • Silica fume • Others (mention type)					
Maximum free water-binder ratio (if specified)					
Nominal maximum aggregate size, mm					
Cement type and grade (if specified)					
Target workability at plant, (Slump, mm)					
Target workability at site, (Slump, mm)					
Maximum temperature of concrete at the time of placing (if specified)					
Class of sulphate resistance (if applicable)					
Exposure condition (if specified)					
Class of finish (if applicable)					
Total SO_3 in Concrete (if specified)					
Mix application					
Method of placing					
Any other requirements (if applicable) [early strength, workability retention, permeability testing, chloride content restriction, etc.)					
Concrete testing frequency					
Material testing (any non-routine requirement)					
Method of curing to be used					
Quantity (m^3)					

Source: Adapted from IS 4926

Table 8: Format for Mix Design (5.5 Section A)

1. Name of customer
2. Mix designed in RMC lab / NABL accredited lab
3. Date of mix design
4. Mix code, if any
5. Details of ingredients
    a. Grade of concrete :
    b. Specified workability at pour site :
    c. Maximum size of aggregate :
    d. Exposure class of IS 456, if specified :
    e. Minimum cementitious content, if specified :

TABLE 9: Production and Control of Final Product (6.4 of Section A)

Sl. No.	*Name of Material/Test*	*Frequency of testing*	*Relevant IS Standard*
1.	Fine Aggregate: a) Determination of Moisture content b) Water absorption	a) Moisture content on daily basis; twice in day during monsoon b) Weekly or change in source	IS 2386 (Part 3)
2.	Coarse aggregate a) Determination of Moisture content b) Water absorption	a) Moisture content on daily basis; twice in day during monsoon b) Weekly or change in source	IS 2386 (Part 3)
3.	Fresh Concrete a) Sampling (IS 4926 procedure) b) Slump test c) Density of fresh concrete d) Placing Temperature of the concrete #	a) Sampling: At least one sample for every 50 m^3 of production or every 50 batches whichever is of greater frequency b) At least one sample for every 50 m^3 of production or every 50 batches whichever is of greater frequency c) At least once in a day d) At least one sample for every 50 m^3 of production or every 50 batches whichever is of greater frequency	a) IS 4926 b) IS 1199 c) IS 1199 d) IS 1199
4	Hardened concrete a) Compressive strength * b) Density c) Flexural Strength#	a) At least one sample for every 50 m^3 b) Production or every 50 batches whichever is of greater frequency * c) When asked for	IS 516

Optional test

* One sample involves casting of 3 specimens of 150x150x150mm size, to be tested at 28 days. Additionally, samples shall be cast for testing at earlier or later ages (3, 7, 56, 90 days), depending upon the agreement between the producer and the customer.

Table 10: Control on Process Control Equipments and Frequency of Inspection and Calibration (7.3 of Section A)

Items	*Check for*	*Frequency*
Cementitious materials	Visual Inspection for weather-tightness and leaks	Weekly
Aggregate stockpile	Visual Inspection for segregation and contamination	Daily
Conveyor belts and rollers	Visual Inspection for wear and alignment	Weekly
Central mixer	Visual Inspection of blades and built up	Daily
Trucks	Visual Inspection of blades and built up	Weekly
Scale calibration for all weighing and measuring equipment	1.Mechanical/knife edge systems 2.Electrical/ load cell systems	Monthly Monthly
Water meters	Calibration	Monthly
Admixture dispensers	Calibration	Monthly
Gear boxes and oil baths	Oil change	Quarterly

Table 11 Tolerances in Measurement of different Constituent Materials (7.3 of Section A)

Constituent materials	*Tolerances (% of the quantity of the constituent material being measured)*	*Indian Standard*
Cement	± 2%	IS 4926:2003
Water	± 3%	IS 4926:2003
Aggregates	± 3%	IS 4926:2003
Mineral admixtures	± 2%	IS 4926:2003
Chemical admixtures	± 3%	IS 4926:2003
Moisture		IS 2386

Declarations:

i) Has the client/RMC plant been an applicant / certified under this Scheme with or by any other certification body? If yes, Please enclose the previous evaluation reports to WOODCERT

ii) Has the RMC plant been subjected to any judicial proceedings relating to its operations, or has undergone any proceedings by any Regulatory body or suspension / cancellation / withdrawal of any certification / approvals under any Regulations or otherwise? If Yes, Please submit details for the same.

Disclaimer: WOODCERT may verify the information provided by contacting the earlier certification body.

ADDITIONAL INFORMATION:

1. Any services of consultant use : Yes/ No ; Name of the consultant: _____
   Name of consulting organisation (if applicable) : _____
2. If any activities covered under the criteria for certification are carried out at any premises other than the plant location_____
3. The coverage of the RMC plant to be clearly indicating the activities and whether these are covered at single or more than one location_____
4. Name of the Laboratory used for Testing of raw materials and RMC samples _____
5.

Sl. No.	PLAN	FREQUENCY OF CONTROL
A	Incoming material	
B	Production facilities	
C	Testing equipment	

6. Any In-house training by Woodcert – Yes/ No ; Name of the Trainer_____
7. How did you hear of Woodcert? _____
8. Quotation Requested by:

Name : _____	Position : _____
Signature: _____	Date :_____

----------XXXXX----------

For WOODCERT Internal Purpose:

WOODCERT Prospective Customer No:

(i) WOODCERT has reviewed this application received on _____for adequacy, and has found it to be adequate in all aspects and is being registered for further processing, or
(ii) WOODCERT has reviewed this application received on _____for adequacy, and has found it to be deficient in the following criteria's
a) _____
b) _____
c) _____
iii) As required by RMC scheme, the RMC applicant has been registered/informed within 7 days of receipt of application i.e. _____ about the same.
iv) The reviewer of this application qualifies as a competent person to review applications for certification as per the defined competency requirements defined in competency matrix FT-04 and the records of the same are being maintained accordingly.

Date: _____ Signature: _____