

RMCAO MIX DESIGN SUBMISSION FORM

Concrete Supplier _____
 Address _____
 City/Province _____
 Phone _____ Fax _____ Email _____



CONCRETE MIX DESIGN SUBMISSION

Project: _____ Date: _____
 Location: _____ Submitted By: _____
 Contractor: _____ Contact: _____

CONCRETE MIX CODE					
SPECIFICATION	Application				
	Structural Requirements				
	• CSA Exposure Class				
	• Maximum W/CM Ratio				
	• Minimum Specified Strength - age				
	• Plastic Air Range (%)				
	• Nominal Maximum Aggregate Size				
	• Maximum % SCM Replacement				
	• HVSCM Type 1 or 2				
	Durability Requirements				
	• Exposure to Sulphate Attack				
	• Alkali Aggregate Reactivity				
	• Aggressive Chemical/Waste				
	Architectural Requirements				
• Colour/Texture					
• Other					
CONTRACTOR REQUIREMENTS	Quantity m ³				
	Rate (m ³ /h)				
	Slump Range (mm)				
	Method of Placement				
	Strength/Age (MPa/Days)				
	Other				
	Specialty Information				
	• Concrete Set (Delay, Normal, Accelerated)				
	Floor or Slab Type – (Exposed / Covered)				
Other (e.g. Fibres)					
MATERIALS SECTION	Source & Type				
	• Portland Cement				
	• SCM – Slag, Fly Ash, Silica Fume				
	• Fine Aggregate				
	• Coarse Aggregate				
	• Air Entraining Admixture				
	• Water Reducing Admixture				
• Other (e.g. Fibres)					

NOTES:

- 1) The "Concrete Supplier" provides to the contractor, a valid "Certificate of Concrete Production Facilities" as issued by the Ready Mixed Concrete Association of Ontario, as described in CSA A23.1 Table 5.
- 2) All Concrete and materials shall be supplied in conformance to CSA A23.1-04.
- 3) Concrete testing shall electronically incorporate CMATS™ (www.cmats.com) and shall be used by the testing company.
- 4) Concrete tests not done according to CSA Standards shall not be accepted for any basis of measurement.
- 5) The Owner shall be responsible for all concrete performance when specifying any material proportion(s).