

Concrete Mix Design Submission (Form A)

Project: _____
 Location: _____
 Contractor: _____
 Batch Plants: Primary: _____

Date: _____
 Submitted By: _____
 Contact: _____
 Secondary: _____

	MIX CODE				
SPECIFICATION	Application / Element / Location				
	Structural Requirements				
	- CSA Exposure Class				
	- Maximum W/CM Ratio				
	- Minimum Specified Strength (MPa)				
	- Nominal Maximum Aggregate Size (mm)				
	- Maximum Slag Replacement (%)				
	- Maximum Fly Ash Replacement (%)				
	- Plastic Air Content (%)				
	Durability Requirements				
	- Cement Content (if specified)				
	- Alkali Aggregate Reactivity				
Architectural Requirements					
- Other					
CONTRACTOR REQUIREMENTS	Rate (m ³ /h)				
	Quantity (m ³)				
	Slump Range (mm)				
	Strength @ Age (MPa)				
	Other				
	Specialty Information				
	- Concrete Set (Delay, Normal, Accelerated)				
	Method of Placement				
MATERIALS SECTION	Material	Source			
	Cement	(kg/m ³)			
	SCM – Slag	(kg/m ³)			
	Water	(L/m ³)			
	Fine Agg.				
	Coarse Agg.				
	A.E.A.	(mL/100 kg)			
	W.R.	(mL/100 kg)			
S.P.	(mL/100 kg)				

Form Submitted By:
 Print Name: _____ Signature: _____ Date: _____

Contractor's Representative:
 Print Name: _____ Signature: _____ Date: _____

NOTES:

- 1) The "Concrete Supplier" provides to the contractor, a valid "Certificate of Concrete Production Facilities" as issued by the RMCAO (copy available upon request). Check www.rmcao.org for an updated list of certified concrete plants.
- 2) The "Concrete Supplier" certifies that all materials incorporated in the mix designs meet current CSA A23.1 requirements.
- 3) Concrete testing shall incorporate 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 performance "off the chute" if the owner specifies any material proportion(s).