

**CONFIDENTIAL**  
**Concrete Mix Design Submission (Form B)**

Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Contractor: \_\_\_\_\_  
 Batch Plants: Primary: \_\_\_\_\_

Date: \_\_\_\_\_  
 Submitted By: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Secondary: \_\_\_\_\_

	MIX CODE				
<b>SPECIFICATION</b>	Application / Element / Location				
	<b>Structural Requirements</b>				
	- 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 (%)				
	<b>Durability Requirements</b>				
- Cement Content (if specified)					
- Alkali Aggregate Reactivity					
<b>Architectural Requirements</b>					
- Other					
<b>CONTRACTOR REQUIREMENTS</b>	Rate (m <sup>3</sup> /h)				
	Quantity (m <sup>3</sup> )				
	Slump Range (mm)				
	Strength @ Age (MPa)				
	Other				
	<b>Specialty Information</b>				
	- Concrete Set (Delay, Normal, Accelerated)				
	Method of Placement				
<b>MATERIALS SECTION</b>	<b>Material</b>	<b>Source</b>			
	Cement	(kg/m <sup>3</sup> )			
	SCM – Slag	(kg/m <sup>3</sup> )			
	Water	(L/m <sup>3</sup> )			
	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: \_\_\_\_\_

Form Reviewed By: \_\_\_\_\_  
 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](http://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](http://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).