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1c. Prebid Meetings

• Re-state the carbon reduction goals and encourage innovation

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Concrete Production Facility • NRMCA Concrete

Technologist Level 2



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Testing Agency Qualifications:

- Meets ASTM C1077
 ACI Concrete Field Testing Technician Grade I
- ACI Concrete Laboratory Testing Technician Level I
- Results certified by a registered design professional

No. 2 Ensure Good Quality Control and Assurance



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No. 71	Class	Location	Nominal Max. Aggregate Size	Exposure Class	F'c, Psi @ Age
Don't Limit	1	Mat Foundation	3″	F0, S1, W0, C0	6,000 at 90 days
Ingredients	2	Basement Walls	1-1/2"	F0, S1, W0, C0	4,000 at 56 days
	3	Shear Walls	3/4"	F0, S0, W0, C0	6,000 at 56 days
	4	Columns Level B2-L6	3/4"	F0, S0, W0, C0	6,000 at 28 days
A. SALAN	5	Columns Level L7-L12	3/4"	F0, S0, W0, C0	4,000 at 28 days
	6	Slabs	3/4"	F0, S0, W0, C0	5,000 at 28 days
	7	Exterior Pavements	3/4"	F3, S1, W0, C0	4,000 at 28 days
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Impact Measure	Units	Estimated % Reduction from Baseline to Proposed
Acidification Potential	kg SO ₂ eq	-13%
Eutrophication Potential	kg Neq	-3%
Global Warming Potential	kg CO ₂ eq	-12%
Ozone Depletion Potential	CFC-11eq	-11%
Smog Formation Potential	kg O ₃ eq	-12%
Non-Renewable Energy	MJ	-6%







Concrete Materials:

- Normal-weight Aggregate: ASTM C33 Lightweight Aggregate: ASTM C330 Recycled concrete aggregate (crushed concrete) meeting the requirements of ASTM C33 or ASTM C330 may be used in structural concrete up to 10% of the total aggregate. Crushed concrete shall have been crushed and exposed to air at least 1 year before use in concrete (to maximize CO2 sequestration).

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