Mix design check list: HPC Rapid Set (2018- Special Provision)

Concrete plant: _____

Mix design label: _____

Date created: _____

Disclaimer: The use of this sheet does not guarantee approval of submitted mix designs.

	Yes	No	N/A
1. Class of Concrete			
2. Is mix:			
a) Conventional ----------	◯		
b) SCC ----------	◯		
3. State if aggregate weights are:			
a) Dry ----------	◯		
b) SSD ----------	◯		
4. 28-day design compressive strength listed ----------	◯	◯	
5. Aggregate types, sources, specific gravities, absorptions ----------	◯	◯	
a) Approved Aggregate Sources ----------	◯	◯	
6. Cementitious content, sources, amounts ----------	◯	◯	
7. Admixture names, sources, dosage ----------	◯	◯	
8. Target air listed with tolerance ----------	◯	◯	
9. Volumetric quantities of each material ----------	◯	◯	
10. Concrete mix data for shrinkage samples :			
a) Air Content (AASHTO T 152) ----------	◯	◯	
b) Batch ticket ----------	◯	◯	
c) W/C Ratio ----------	◯	◯	
d) Compressive Strength (AASHTO T 22) ----------	◯	◯	
e) Temperature (ASTM C 1064) ----------	◯	◯	
f) Spread (ASTM C 1611) ----------	◯	◯	◯
11. SCC, J ring and VSI tests submitted for upper/lower spread ranges ----------	◯	◯	◯
12. Free Shrinkage (AASHTO T 160 or ASTM C157)* ----------	◯	◯	
13. Rapid chloride permeability (AASHTO T 358)* ----------	◯	◯	
14. ASR test results (AASHTO T 303/ ASTM C1567) -Fine Aggregate* ----------	◯	◯	
15. ASR test results (AASHTO T 303/ ASTM C1567) -Coarse Aggregate* ----------	◯	◯	

Note *: Test shall be done at an accredited laboratory.

Notes: