

3. Concrete Tests

No.	Test	Standard	Laboratory																
			ELEMENT	ACES	ACTS	Gulf Lab	Tech Lab	Pioneer	Teyseer	QEL	DTL	Fugro	QGEC	JEL	BATLABS	ITL	QIL	CTL	Ashghal
ASTM TESTS																			
3.1	Making and Curing of Concrete Tests Specimen	ASTM C31	√	√	√	√	√	-	-	√	-	√	√	√	√	-	√	√	-
3.2	Sampling of Fresh Concrete	ASTM C172	√	√	√	√	√	√	-	√	√	-	√	√	√	-	√	√	-
3.3	Test for Temperature of Fresh Concrete	ASTM C1064	√	√	√	√	√	√	-	√	√	√	√	√	√	√	√	√	-
3.4	Slump Test	ASTM C143	√	√	√	√	√	√	-	√	√	-	√	√	√	-	√	√	-
3.5	Compressive Strength of Concrete Cylindrical Specimens	ASTM C39	√	√	√	√	√	√	-	√	√	√	√	-	√	√	√	√	-
3.6	Capping of Cylindrical Concrete Specimen	ASTM C617	√	√	√	√	√	√	-	√	-	√	-	√	-	√	-	√	-
3.7	Testing Concrete Cylinders Using Unbonded Caps	ASTM C1231	-	√	√	-	-	-	-	√	-	-	-	-	-	-	-	√	-
3.8	Obtaining and Testing of Drilled Cores and Sawed Beams	ASTM C42	√	√	√	√	√	√	-	√	√	√	√	√	-	-	√	-	-
3.9	Water Soluble Chloride in Concrete	ASTM C1218	-	√	-	√	-	-	-	√	√	-	-	√	-	-	-	-	-
3.10	Acid Soluble Chloride in Concrete	ASTM C1152	-	√	-	√	-	-	-	√	-	-	-	√	-	-	-	-	-
3.11	Resistance to Chloride Ion Penetration	ASTM C1202	√	√	√	√	√	√	-	√	√	√	√	-	√	√	√	-	-
3.12	Air Content Test for Fresh Concrete by Pressure Method	ASTM C231	√	√	√	√	√	√	-	√	√	√	√	√	√	√	√	√	-