Main Laboratory

Soil Test : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
1.1	Reducing Samples to Testing Size	ASTM C 702	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	-	X	X	-	-
1.2	Determination of Moisture content	ASTM D2216	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-
1.3	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	ASTM D6913	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-
1.4	Materials finer than No. 200(0.075mm) sieve.	ASTM D1140	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	X	X	X	-
1.5	Liquid Limit, Plastic Limit and Plasticity Index of Soil	ASTM D 4318	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-
1.6	Lab Compaction Test using modified Effort	ASTM D 1557	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-
1.7	Correction of Density and Water Content for Soils	ASTM D4718	√*	√	√	√	-	√	√	√	√	X	√	√	√	√	√	-	X	X	X	-
1.8	Field Density (Sand Cone)	ASTM D1556	√*	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	X	X	X	-
1.9	Field Density (Nuclear)	ASTM D6938	-	√	√	√	-	√	√	√	√	X	-	√	-	√	√	√	X	X	-	-

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No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
1.10	In Place Moisture Content (Calcium Carbide Tester)	ASTM D4944	√*	√	√	√	-	-	√	√	√	-	-	√	√	-	-	-	X	X	-	-
1.11	California Bearing Ratio(CBR)	ASTM D1883	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-
1.12	In Place California Bearing Ratio (CBR)	ASTM D4429	-	√	√	√	-	√	√	√	√	X	-	√	√	√	√	-	X	X	-	-
1.13	Sand Equivalent Value	ASTM D2419	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-
1.14	Determination of Moisture Content (Oven Drying)	BS 1377 Part 2: Sec. 3.2	-	√	√	√	√	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-
1.15	Determination of Liquid Limit (Cone Penetrometer)	BS 1377 Part 2: Sec. 4.3	-	√	√	√	-	√	√	√	√	X	√	√	√	√	-	√	X	X	-	-
1.16	Determination of Liquid Limit (Casagrande Method)	BS 1377 Part 2: Sec. 4.5	-	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	X	X	-	-
1.17	Determination of Plastic Limit and Plasticity Index	BS 1377 Part 2: Sec. 5	-	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	-	-
1.18	Particle Size Distribution (Wet Sieving Method)	BS 1377 Part 2: Sec. 9.2	-	√	√	√	√	√	√	√	√	X	√	√	√	√	√	√	X	X	-	-

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No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
1.19	Particle Size Distribution (Dry Sieving Method)	BS 1377 Part 2: Sec. 9.3	-	√	√	√	√	√	√	√	√	X	√	√	√	√	√	√	X	X	-	-
1.20	Dry Density/Moisture Content Relationship	BS 1377 Part 4: Sec.3.5/3.6	-	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	-	-
1.21	Determination of California Bearing Ratio (CBR)	BS 1377 Part4: Sec. 7	-	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	-	-	-
1.22	In-Situ Density Test (Sand Replacement Method -Small Pouring Cylinder)	BS 1377 Part 9: Sec. 2.1	-	√	√	√	-	√	√	√	√	X	-	√	-	√	-	√	X	-	-	-
1.23	In-Situ Density Test (Sand Replacement Method – Large Pouring Cylinder)	BS 1377 Part 9: Sec. 2.2	-	√	√	√	-	√	√	√	√	X	√	√	√	√	-	√	X	-	-	-
1.24	In-Situ Density Test (Nuclear Gauge Method)	BS 1377 Part 9: Sec. 2.5	-	√	√	√	-	√	√	√	√	X	√	√	-	√	√	√	-	-	-	-
1.25	Determination of Organic Matter Content	BS 1377 Part 3: Sec. 3	-	√	√	√	√	√	√	√	√	X	-	√	√	√	√	-	X	-	-	-
1.26	Determination of Water Soluble Chloride Content	BS 1377 Part 3: Sec. 7.2	-	√	√	√	√	√	√	√	√	X	-	√	√	X	-	-	X	-	X	-

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No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
1.27	Determination of Acid Soluble Chloride Content	BS 1377 Part 3: Sec. 7.3/5.5	-	√	√	√	√	√	√	√	√	X	-	√	√	√	√	-	X	-	X	-
1.28	Determination of Water Soluble Sulphate Content	BS 1377 Part 3: Sec. 5.3/5.5	-	√	√	√	√	√	√	√	√	X	-	√	√	X	-	-	X	-	X	-
1.29	Determination of Acid Soluble Sulphate Content	BS 1377 Part 3: Sec. 5.2	-	√	√	√	√	√	√	√	√	X	-	√	√	√	√	-	X	-	-	-
1.30	Sand Equivalent Value	BS EN 933 Part 8	-	√	√	√	-	√	√	√	√	X	-	√	-	√	√	√	X	X	-	-
1.31	Method of Test for Cement Stabilized Materials	BS 1924 Part 2-Cl 4.2	-	√	√	√	-	-	-	√	√	-	-	√	-	-	-	-	-	-	-	-
1.32	Maximum Index Density and Unit Weight of Soils Using a Vibratory Table	ASTM D 4253-16e1	-	-	-	-	-	-	-	-	√*	-	-	-	-	-	-	-	-	-	-	-

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No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel

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			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
2.1	Sampling of Aggregates	ASTM D75	√	√	√	√	√	√	√	√	√	X	√	√	√	√	√	-	X	X	X	-
2.2	Reducing Samples to Testing Size	ASTM C702	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	-	X	X	X	-
2.3	Particle Size Distribution	ASTM C136	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	-	X	X	X	-
2.4	Material Finer than 0.075 mm	ASTM C117	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	-	X	X	X	-
2.5	Determination of Specific Gravity and Water Absorption of Fine Aggregate	ASTM C128	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-
2.6	Determination of Specific Gravity and Water Absorption of Coarse Aggregate	ASTM C127	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-
2.7	Clay Lumps and Friable Particles.	ASTM C142	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-
2.8	Lightweight Particles	ASTM C123	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	-	X	X	-	-
2.9	Organic Impurities for Fine Aggregates	ASTM C40	√	√	√	√	√	√	√	√	√	X	-	√	√	√	√	-	X	-	X	-
2.10	Flat and Elongated Particles	ASTM D4791	√	√	√	√	-	√	√	√	√	X	-	√	-	√	√	√	X	X	-	-
2.11	Los Angeles Abrasion	ASTM C131	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-

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No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
2.12	Los Angeles Abrasion	ASTM C535	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-
2.13	Magnesium Sulphate Soundness	ASTM C88	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	-	X	-	X	-
2.14	Percentage of Fractured Particles	ASTM D5821	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	-	X	X	-	-
2.15	Sieve Analysis of Mineral filler	ASTM D546	√	√	√	√	-	√	√	√	√	X	-	√	-	√	√	-	X	-	-	-
2.16	Uncompacted Void Content of Fine Aggregate	AASHTO T304	-	√	√	√	-	-	-	√	√	-	-	√	√	-	√	-	X	-	-	-
2.17	Determination of Potential Alkali Reactivity of Carbonate Rocks as Concrete Aggregates	ASTM C586	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.18	Resistance of Coarse Aggregate to Degradation by Abrasion in the Micro-Deval Apparatus	ASTM D6928	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.19	Uncompacted Void Content of Fine Aggregate	ASTM C1252	-	-	√	√	-	-	√	-	√	-	-	-	√	-	√	-	X	-	-	-
2.20	Sampling of Aggregates (From Heaps)	BS 812 Part 102	-	√	√	√	-	√	√	√	√	X	√	√	-	√	√	-	X	-	-	-

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			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
2.21	Determination of Moisture Content (Oven Drying)	BS 812 Part 109: Sec.6	-	√	√	√	√	√	√	√	√	X	-	√	√	√	√	√	X	-	-	-
2.22	Determination of Particle Density and Water Absorption	BS EN 1097 Part 6	-	√	√	√	-	-	√	√	√	X	-	√	-	√	√	-	X	X	-	-
2.23	Particle Density and Water Absorption (All larger than 10mm aggregate)	BS 812 Part 2–5.3	-	√	√	√	-	-	√	√	√	X	-	√	-	-	-	-	X	-	-	-
2.24	Particle Density and Water Absorption (5-40mm aggregate)	BS 812 Part 2–5.4	-	√	√	√	-	-	√	√	√	X	√	√	-	√	-	√	X	-	-	-
2.25	Particle Density and Water Absorption (10mm aggregate and smaller)	BS 812 Part 2–5.5	-	√	√	√	-	√	√	√	√	X	√	√	-	-	-	√	X	-	-	-
2.26	Particle Size Distribution	BS EN 933 Part 1	-	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-
2.27	Particle Size Distribution (Wet)	BS 812 Part 103.1-7.2	-	√	√	√	√	√	√	√	√	X	√	√	√	√	√	-	X	-	-	-
2.28	Particle Size Distribution (Dry)	BS 812 Part 103.1-7.3	-	√	√	√	-	√	√	√	√	X	√	√	-	√	√	-	X	-	-	-
2.29	Material Finer than 0.075 mm	BS EN 933 Part 1	-	√	√	√	-	√	√	√	√	X	√	-	√	√	-	-	-	-	-	-

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			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
2.30	Material Finer than 0.063 mm	BS EN 933Part 1	-	√	√	√	-	√	√	√	√	X	√	-	√	√	√	-	X	X	-	-
2.31	Determination of Shell Content	BS EN 933 Part 7	√	√	√	√	-	-	√	√	√	X	√	√	-	√	√	√	X	X	-	-
2.32	Flakiness Index	BS EN 933 Part 3	-	√	√	√	-	√	√	√	√	-	√	√	√	√	√	-	X	X	X	-
2.33	Flakiness Index	BS 812 Part 105.1	-	√	√	√	-	√	√	√	√	X	√	√	-	√	-	-	X	-	-	-
2.34	Elongation (Shape) Index	BS EN 933 Part 4	-	√	√	√	-	√	√	√	√	-	√	√	-	√	√	-	X	X	X	-
2.35	Elongation Index	BS 812 Part 105.2	-	√	√	√	-	√	√	√	√	X	√	√	-	√	-	-	X	-	-	-
2.36	Determination of Aggregate Crushing Value	BS 812 Part 110	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	-	X	X	X	-
2.37	Determination of Ten Percent Value	BS 812 Part 111	-	√	√	√	-	√	√	√	√	X	√	√	-	√	√	√	X	X	-	-
2.38	Determination of Aggregate Impact Value	BS 812 Part 112	-	√	√	√	-	√	√	√	√	X	√	√	-	√	-	√	X	-	-	-
2.39	Determination of Magnesium Sulphate Soundness	BS EN 1367 Part 2	-	-	-	√	-	-	√	-	√	-	-	√	-	-	√	-	X	-	-	-
2.40	Determination of Drying Shrinkage	BS EN 1367 Part 4	-	-	√	√	-	-	√	-	√	-	-	√	-	√	√	-	X	X	-	-

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2.41	Determination of Los Angeles Abrasion	BS EN 1097 Part 2 Cl5	-	-	√	√	-	-	√	-	√	-	-	√	-	√	-	-	X	X	-	-
2.42	Methylene blue test	BS EN 933 Part 9	-	-	√	√	-	-	√	-	-	-	-	√	-	-	√	-	X	-	-	-
2.43	Determination of Acid Soluble Chloride Content	BS EN 1744 Part 5	-	√	√	√	√	√	√	√	√	X	-	√	-	√	√	-	X	-	X	-
2.44	Determination of Water Soluble Chloride Content	BS 812 Part 117	-	√	√	√	√	√	√	√	√	X	-	√	√	X	√	-	X	-	-	-
2.45	Determination of Chloride Content (Acid Extract)	BS 812 Part 117-App. C	-	√	√	√	√	-	-	√	√	-	-	√	√	X	√	-	X	-	-	-
2.46	Determination of Sulphate Content	BS 812 Part 118	-	√	√	√	√	√	-	√	√	X	-	√	√	X	√	-	X	-	-	-
2.47	Determination of Acid Soluble Sulphate Content	BS EN 1744 Part 1: Sec 12	-	√	√	√	√	√	√	√	√	X	-	√	-	√	√	-	X	-	X	-

Concrete Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel

Concrete Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

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3.1	Making and Curing of Concrete Tests Specimen	ASTM C31	-	√	√	√	-	√	√	√	√	-	-	√	√	√	√	-	√	-	-	-
3.2	Sampling of Fresh Concrete	ASTM C172	-	√	√	√	-	√	√	√	√	X	-	√	√	√	√	-	√	-	-	-
3.3	Test for Temperature of Fresh Concrete	ASTM C1064	-	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	√	-	X	-
3.4	Slump Test	ASTM C143	-	√	√	√	-	√	√	√	√	X	-	√	√	√	√	-	√	-	-	-
3.5	Compressive Strength of Concrete Cylindrical Specimens	ASTM C39	-	√	√	√	-	√	√	√	√	X	-	√	√	√	-	-	√	X	-	-
3.6	Capping of Cylindrical Concrete Specimen	ASTM C617	-	√	√	√	-	√	√	-	√	X	-	√	-	-	√	-	√	-	-	-
3.7	Testing Concrete Cylinders Using Unbonded Caps	ASTM C1231	-	-	√	√	-	√	√	-	√	-	-	-	√	-	-	√	√	-	-	-
3.8	Obtaining and Testing of Drilled Cores and Sawed Beams	ASTM C42	-	√	√	√	-	√	√	√	√	X	-	√	√	-	√	√	√	X	-	-
3.9	Water Soluble Chloride in Concrete.	ASTM C1218	-	√	√	√	-	-	-	-	√	-	-	-	-	-	√	-	-	-	-	-
3.10	Acid Soluble Chloride in Concrete.	ASTM C1152	-	√	√	-	-	-	-	-	√	-	-	-	-	-	√	-	-	-	-	-

Concrete Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																				
No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
3.11	Resistance to Chloride Ion Penetration	ASTM C1202	-	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	√	-	X	-
3.12	Air Content Test for Fresh Concrete by Pressure Method	ASTM C231	-	√	√	√	-	√	√	√	√	X	-	√	√	√	√	-	√	X	-	-
3.13	Air Content Test for Fresh Concrete by Volumetric Method	ASTM C173	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	√	-	-	-
3.14	Density Determination for Fresh Concrete	ASTM C138	-	√	√	√	-	√	√	√	√	-	-	√	√	√	√	-	√	X	-	-
3.15	Sampling of Shotcrete	ASTM C1385	-	√	√	-	-	√	-	-	√	-	-	-	√	-	-	-	√	-	-	-
3.16	Pullout Strength of Hardened Concrete	ASTM C900	-	-	√	-	-	-	√	√	√	-	-	√	√	-	√	√	√	-	-	-
3.17	Density Determination of Pervious Concrete	ASTM C1688	-	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-	√	-	-	-
3.18	Infiltration Test for In place Pervious Concrete	ASTM C1701	-	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
3.19	Slump Flow Test for Self- Consolidated Concrete	ASTM C1611	-	√	√	√	-	√	√	√	-	-	-	√	√	-	-	-	√	X	-	-
3.20	Passing Ability for Self- Consolidating Concrete by J-Ring	ASTM C1621	-	-	√	√	-	√	-	-	-	-	-	√	√	-	-	-	√	-	-	-

Concrete Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																					
No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
3.21	Determination of Potential Alkali Reactivity of Cement - Aggregate Combinations	ASTM C227	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.22	Admixtures to Inhibit Chloride- Induced Corrosion of Reinforcing Steel in Concrete	ASTM C 1582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.23	Chemical Admixtures for concrete	ASTM C494	-	-	√	√	-	-	√	-	-	-	-	-	-	-	√	-	√	-	-	-
3.24	Bleeding of Concrete	ASTM C232	-	-	√	√	-	-	√	-	-	-	-	-	-	-	-	-	√	-	-	-
3.25	Time of Setting of Concrete Mixtures by Penetration Resistance	ASTM C403	-	-	-	√	-	-	√	-	-	-	-	-	-	-	-	-	√	-	-	-
3.26	Sampling of Fresh Concrete	BS EN 12350 Part 1	-	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	√	X	X	-
3.27	Making and Curing of Specimen for Strength Test	BS EN 12390 Part 2	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	√	X	X	-
3.28	Slump Test	BS EN 12350 Part 2	-	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	√	X	X	-

Concrete Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																				
No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
3.29	Flow Table Test	BS EN 12350 Part 5	-	√	√	√	-	√	√	√	√	X	-	√	-	√	-	-	√	-	X	-
3.30	Shape and Dimensions of Specimen	BS EN 12390 Part 1	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	√	X	X	-
3.31	Compressive Strength of Concrete Specimens	BS EN 12390 Part 3	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	√	X	X	-
3.32	Density of Hardened Concrete	BS EN 12390 Part 7	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	√	X	X	-
3.33	Obtaining and Testing of Drilled Cores	BS EN 12504 Part 1	-	√	√	√	-	√	√	√	√	-	√	√	√	√	√	√	√	-	-	-
3.34	Water Penetration Test	BS EN 12390 Part 8	-	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	√	-	X	-
3.35	Water Absorption Test	BS 1881 Part 122	-	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	√	X	X	-
3.36	Initial Surface Absorption (ISAT)	BS 1881 Part 208	-	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	√	-	X	-
3.37	Chloride Penetration Test.	NT Build 492	-	√	√	√	-	√	√	√	√	X	-	√	-	√	√	√	√	-	X	-
3.38	Acid Soluble Chloride in Concrete.	BS 1881 Part 124 Sec. 10.2	-	√	√	√	√	√	√	√	√	X	-	√	√	√	√	-	√	-	X	-

Concrete Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																				
No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
3.39	Acid Soluble Sulphate in Concrete	BS 1881 Part 124 Sec. 10.3	-	√	√	√	√	√	√	√	√	X	-	√	√	√	√	-	√	-	X	-
3.40	V-Funnel Test for Self-Compacting Concrete	BS EN 12350 Part 9	-	-	√	√	-	√	√	√	-	-	-	√	-	-	-	-	√	-	-	-
3.41	L-Box Test for Self-Compacting Concrete	BS EN 12350 Part 10	-	-	√	√	-	√	-	√	-	-	-	√	-	-	-	-	√	-	-	-
3.42	Fresh Density Of grout	BS EN 445	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	√	-	-	-
3.43	Fluid Density Of grout (Cone Method)	BS EN 445	-	-	-	√	-	-	√	-	-	-	-	-	-	-	-	-	√	-	-	-
3.44	Bleeding Test Of grout	BS EN 445	-	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	√	-	-	-
3.45	Volume Change, Vertical Shrinkage of grout	BS EN 445	-	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	√	-	-	-
3.46	Compressive Strength of grout	BS EN 445	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	√	-	-	-

Masonry Blocks and Paving Units Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																				
No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel

Masonry Blocks and Paving Units Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																				
No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
4.1	Compressive Strength of Concrete Masonry Blocks	BS 6073 Part 1	-	√	√	√	-	-	√	√	√	X	-	-	-	√	√	-	X	-	-	-
4.2	Compressive Strength of Concrete Masonry Blocks	BS EN 772 Part 1	-	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	-	-
4.3	Water Absorption for Masonry Blocks	EN 771 Part 3	-	√	√	-	-	√	√	√	√	X	-	√	√	√	-	√	X	-	-	-
4.4	Measurement of Dimensions of Kerbs	BS EN 1340 Annex C	-	√	√	√	-	√	√	√	√	X	-	√	-	√	√	√	X	X	-	-
4.5	Water Absorption for Kerbs	BS EN 1340 Annex E	-	√	√	√	-	√	√	√	√	X	-	√	-	√	√	√	X	X	-	-
4.6	Transverse Strength of Kerbs	BS EN 1340 Annex F	-	√	√	√	-	√	√	√	√	X	-	√	-	-	√	√	X	X	-	-
4.7	Water Absorption for Paving Blocks/Interlocks	BS EN 1338 Annex E	-	√	√	√	-	√	√	√	√	X	-	√	√	√	√	-	X	X	-	-
4.8	Tensile Strength of Paving Blocks	BS EN 1338 Annex F	-	√	√	√	-	√	√	√	√	X	-	-	√	-	√	-	X	X	-	-
4.9	Transverse Strength of Concrete Paving Flags/Slabs	BS EN 1339 Appendix F	-	√	√	√	-	√	√	√	√	-	-	√	√	-	√	-	X	X	-	-

Masonry Blocks and Paving Units Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																				
No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
4.10	Water Absorption for Concrete Paving Flags/Slabs	BS EN 1339 Appendix E	-	√	√	√	-	√	√	√	√	-	-	√	√	√	√	-	X	X	-	-
4.11	Measurement of Dimensions of Paving Blocks	BS 6717 Annex B	-	√	√	√	-	√	√	√	√	X	-	√	√	-	√	-	-	-	-	-
4.12	Tensile Strength of Paving Blocks	BS 6717 ANNEX E	-	√	√	√	-	√	√	√	√	X	√	√	√	-	√	-	X	-	-	-
4.13	Water Absorption for Interlocks	ASTM C140	-	-	√	√	-	√	√	√	√	X	-	√	-	√	√	-	X	-	-	-
4.14	Compressive Strength and water Absorption of Terrazzo Tiles (Internal Use)	BS EN 13748 Part 1- Sec.5.5/5.8	-	-	√	√	-	√	√	-	-	-	-	√	√	-	-	-	-	-	-	-

Cementitious Materials Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																				
No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
5.1	Taking and Preparing Samples of Cement	BS EN 196 Part 7	-	√	√	√	-	√	√	√	√	X	-	-	-	√	-	-	√	-	-	-
5.2	Method of Sampling of Cement	ASTM C183	-	√	√	-	-	√	√	√	√	-	-	-	-	√	-	-	√	-	-	-

Cementitious Materials Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
5.3	Determination of Strength of Cement	BS EN 196 Part 1	-	√	√	√	-	√	√	√	√	-	-	-	-	-	√	-	√	-	-	-
5.4	Compressive Strength of Prisms of Cement Mortars	ASTM C349	-	√	√	-	-	√	√	√	√	-	-	-	-	-	-	-	√	-	-	-
5.5	Compressive Strength of Cube of Hydraulic Cement Mortars	ASTM C109	-	-	√	√	-	√	√	-	-	-	-	√	-	√	√	-	√	-	-	-
5.6	Calcium Oxide Content	BS EN 196 Part 2-Cl. 13.14	-	√	√	√	√	√	√	√	√	-	-	-	-	X	√	-	√	-	-	-
5.7	Magnesium Oxide Content	BS EN 196 Part 2-Cl. 13.15	-	√	√	√	√	√	√	√	√	-	-	-	-	X	√	-	√	-	-	-
5.8	Aluminum Oxide Content	BS EN 196 Part 2-Cl. 13.11	-	√	√	√	√	√	√	√	√	-	-	-	-	X	√	-	√	-	-	-
5.9	Ferric Oxide Content	BS EN 196 Part 2-Cl. 13.10	-	√	√	√	√	√	√	√	√	-	-	-	-	X	√	-	√	-	-	-
5.10	Loss on Ignition	BS EN 196 Part 2-Cl. 7	-	√	√	√	√	√	√	√	√	X	-	-	-	X	√	-	√	-	-	-

Cementitious Materials Tests :	Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																			
No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
5.11	Impure Silica Content	BS EN 196 Part 2-Cl. 13.2&3	-	-	√	-	-	√	√	-	√	-	-	-	-	X	-	-	√	-	-	-
5.12	Pure Silica Content	BS EN 196 art 2-Cl. 13.6	-	√	√	-	√	-	√	-	√	-	-	-	-	X	-	-	√	-	-	-
5.13	Total Silica Content	BS EN 196 Part 2-Cl. 13.9	-	√	√	√	√	-	√	-	√	-	-	-	-	-	√	-	√	-	-	-
5.14	Alkalies Content	BS EN 196 Part 2-Cl. 17	-	√	√	√	-	-	√	-	√	-	-	-	-	-	√	-	√	-	-	-
5.15	Determination of Setting Times of Cement	BS EN 196 Part 3	-	√	√	√	-	√	√	√	√	-	-	-	-	√	√	-	√	-	-	-
5.16	Determination of Soundness of Cement	BS EN 196 Part 3	-	√	√	√	-	√	√	√	√	X	-	-	-	√	√	-	√	-	-	-
5.17	Setting Time by Vicat Needle	ASTM C191	-	√	√	√	-	√	√	√	√	X	-	-	-	√	√	-	√	-	-	-
5.18	Normal Consistency of Cement	ASTM C187	-	√	√	√	-	√	√	√	√	X	-	-	-	√	-	-	√	-	-	-
5.19	Pozzolanicity Test of Pozzolanic Cement	BS EN 196 Part 5	-	-	-	-	-	-	-	-	√	-	-	-	-	-	-	-	√	-	-	-
5.20	Chloride Content	BS EN 196 Part 21-Cl. 4	-	√	√	√	√	√	√	-	√	X	-	-	-	-	-	-	√	-	-	-

Cementitious Materials Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
5.21	Carbon Dioxide Content	BS EN 196 Part 21	-	-	-	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
5.22	Fineness Test of Cement	BS EN 196 Part 6	-	√	√	√	-	√	√	√	√	-	-	-	-	√	√	-	√	-	-	-
5.23	Compressive strength for Ground Granulated Blast Furnace Slag	ASTM C989	-	√	√	-	-	√	-	√	√	X	-	-	-	-	-	-	√	-	-	-
5.24	Pozzolanic Activity Test	ASTM C1240	-	√	√	-	-	√	√	√	√	-	-	-	-	-	√	-	√	-	-	-
5.25	Characterization of Fly Ash for Potential Uses	ASTM D5759	-	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
5.26	Chemical Analysis of Fly Ash	ASTM C311	-	√	√	√	-	√	-	-	√	-	-	-	-	-	√	-	√	-	-	-
5.27	Length Change of Cement Mortars	ASTM C1012	-	-	√	-	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
5.28	Measurement of Modulus of Elasticity In Flexure And Flexural Strength of Grout	BS 6319 Part 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Road and Pavement Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																				
No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
6.1	Sampling of Binders	ASTM D140	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	-	-	-	-	-
6.2	Distillation of Cutback Asphalt	ASTM D402	-	-	√	√	-	-	√	√	√	X	-	-	√	-	-	-	-	-	-	-
6.3	Application Rate of Bituminous Distributors	ASTM D2995	-	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	X	X	-	-
6.4	Determination of Density of Bitumen	ASTM D70	√	-	√	√	-	√	√	√	√	X	-	√	-	√	√	-	-	X	X	-
6.5	Penetration of Bituminous Materials	ASTM D5	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	-	X	X	X	-
6.6	Determination of Softening Point (Ring and Ball Method)	ASTM D36	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	-	-	X	X	-
6.7	Flash Point, Cleveland Open Cup	ASTM D92	√	√	√	√	-	√	√	√	√	X	-	-	√	-	√	-	-	X	-	-
6.8	Ductility of Bituminous Materials	ASTM D113	√	√	√	√	-	-	√	√	-	-	-	-	√	-	-	-	-	-	-	-
6.9	Solubility in Trichloroethylene	ASTM D2042	√	√	√	√	-	√	√	√	√	X	-	-	-	-	-	-	-	-	-	-
6.10	Loss on Heating	ASTM D6	√	√	√	√	-	-	√	√	√	-	-	-	-	-	-	-	-	-	-	-
6.11	Determination of Viscosity of Asphalt	ASTM D2171	-	-	-	√	-	-	-	-	√	-	-	-	√	-	√	-	-	-	-	-

Road and Pavement Tests :	Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																			
No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
6.12	Viscosity Determination using Rotational Viscometer (RV)	ASTM D4402 AASHTO T316	√	-	√	√	-	√	√	√	√	X	-	-	√	-	-	-	-	-	-	-
6.13	Flexural Creep Stiffness using the Bending Beam Rheometer (BBR)	ASTM D6648 AASHTO T313	√	-	√	√	-	√	√	-	-	-	-	-	√	-	-	-	-	-	-	-
6.14	Determining the Rheological Properties using Dynamic Shear Rheometer (DSR)	ASTM D7175 AASHTO T315	√	-	√	√	-	√	√	-	-	-	-	-	√	-	-	-	-	-	-	-
6.15	Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel (PAV)	ASTM D6521 AASHTO R28	√	-	√	√	-	√	√	-	-	-	-	-	√	-	-	-	-	-	-	-
6.16	Effect of Heat and Air on a Moving Film of Asphalt (Rolling Thin-Film Oven Test)	ASTM D2872 AASHTO T240	√	-	√	√	-	√	√	-	√	-	-	-	√	-	-	-	-	-	-	-
6.17	Multiple Creep and Recovery (MSCR) using Dynamic Shear Rheometer (DSR)	ASTM D7405 AASHTO TP70	√	-	√	√	-	√	√	-	-	-	-	-	√	-	-	-	-	-	-	-
6.18	Water in Petroleum Products and Bituminous Materials by Distillation	ASTM D95	-	-	√	√	-	-	√	-	-	X	-	-	√	-	√	-	-	-	-	-

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No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
6.19	Separation Tendency of Polymers	ASTM D7173	-	-	√	√	-	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-
6.20	Solubility of Binders in Toluene	ASTM D5546 AASHTO T44	-	-	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.21	Direct Tension Test	ASTM D6723 AASHTO T314	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.22	Sampling of Bituminous Mixtures	ASTM D979	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-
6.23	Reducing (HMA) Samples to Testing Size	AASHTO R47	-	-	√	√	-	-	-	-	-	-	-	√	-	-	-	-	-	-	-	-
6.24	Sampling Compacted Bituminous Mixtures for Laboratory Testing	ASTM D5361	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	X	X	-	-
6.25	Preparation of Specimens Using Marshall Apparatus	ASTM D6926	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	X	X	X	-
6.26	Determination of Bulk Specific Gravity and Density	ASTM D2726	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-

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			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
6.27	Bulk Specific Gravity and Density Using Coated Samples	ASTM D1188	-	√	√	√	-	-	√	√	√	X	-	√	√	√	-	-	-	-	-	-
6.28	Theoretical Maximum Specific Gravity and Density	ASTM D2041	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	-	X	X	X	-
6.29	Maximum Specific Gravity and Density Using Vacuum Sealing	ASTM D6857	-	-	√	√	-	-	-	-	-	-	-	√	-	√	-	-	-	-	-	-
6.30	Thickness of Asphalt Specimen	ASTM D3549	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	X	X	X	-
6.31	Marshall Stability and Flow of Bituminous Mixtures	ASTM D6927	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	X	X	X	-
6.32	Resistance to Plastic Flow Using Marshall Apparatus (6 in. Specimen)	ASTM D5581	√	-	√	√	-	-	√	√	√	X	-	√	√	-	-	-	-	-	-	-
6.33	Quantitative Extraction of Bitumen from Bituminous Paving Mixtures	ASTM D2172	√	√	√	√	-	√	√	√	√	X	√	√	√	√	√	√	X	X	X	-
6.34	Asphalt Content of Hot-Mix Asphalt by Ignition Method	ASTM D6307	√	-	√	-	-	-	-	-	-	-	-	√	√	-	-	-	-	-	-	-

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6.35	Effect of Moisture on Asphalt Concrete Paving Mixtures	ASTM D4867	-	-	√	√	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-
6.36	Mechanical Size Analysis of Extracted Aggregate	ASTM D5444	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	X	X	X	-
6.37	Density of Bituminous Concrete in Place by Nuclear Methods	ASTM D2950	-	√	√	√	-	√	√	√	√	X	-	√	-	√	√	-	-	-	-	-
6.38	Sample Preparation and Density of Specimens Using Gyratory Compactor	AASHTO T312	√*	-	√	√	-	-	√	√	√	-	-	-	-	-	-	-	-	-	-	-
6.39	Preparation of Performance Test Specimens Using Gyratory Compactor	AASHTO PP60	√*	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
6.40	Developing Dynamic Modulus Master Curves Using AMPT	AASHTO PP61	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.41	Determining the Dynamic Modulus and Flow Number for Hot Mix Asphalt (HMA)	AASHTO TP79	-	-	√	-	-	-	-	-	-	-	-	-	√	-	-	-	-	-	-	-
6.42	Indirect Tensile (IDT) Strength of Bituminous Mixtures	ASTMD 6931	√	√	√	√	-	-	√	√	-	X	-	√	√	-	-	-	-	-	-	-

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6.43	Fatigue life of Asphalt subjected to rerpeated flexural tester	AASHTO T321	√*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.44	Surface frictional properties using the british pendulum tester	ASTM E303	-	-	√	√	-	-	-	√	-	X	-	√	-	-	-	-	-	-	-	-
6.45	Skid Resistance of Paved Surfaces Using a Full-Scale Tire	ASTM E274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.46	Accelerated Polishing of Aggregates Using the British Wheel	ASTM D3319	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.47	Computing IRI of Roads from Longitudinal Profile Measurements	ASTM E1926	-	-	√	√	-	√	-	-	√	-	-	√	-	-	-	-	-	-	-	-
6.48	Resistance of compacted asphalt to moisture induced damage	AASHTO T283	√	√	√	√	-	-	√	-	√	-	-	√	-	-	-	-	-	-	-	-
6.49	Temperature Measurement	BS EN 12697 Part 13	√	√	√	√	-	√	√	√	√	X	-	√	√	√	√	√	X	X	X	-
6.50	Binder Content of Thermoplastic Material	BS 3262 Part 1-Ap. C	-	-	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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6.51	Softening Point (Ring and Ball Method) of Thermoplastic Material	BS 2000-58	-	-	√	√	-	-	-	-	√	X	-	-	-	-	-	-	-	-	-	-
6.52	Glass Bead Content of Thermoplastic Material	BS 3262 Part 1-Ap. D	-	-	√	√	-	-	-	-	√	X	-	-	-	-	-	-	-	-	-	-
6.53	Glass Bead Content of Thermoplastic Material	AASHTO T250	-	-	√	√	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
6.54	Determination of Density of Thermoplastic Material	BS 3262 Part 3-Ap. C	-	-	√	-	-	-	-	-	√	X	-	-	-	√	√	-	-	-	-	-
6.55	Flash Point (Open) of Thermoplastic Material	BS 2000-35	-	-	√	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-
6.56	Flow Resistance of Thermoplastic Material	BS 3262 Part 1-Ap. H	-	-	√	√	-	-	-	-	√	X	-	-	-	-	-	-	-	-	-	-
6.57	Combined Gradation of Material	BS 3262 Part 1-Ap. D	-	-	√	√	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-
6.58	Particle Size Distribution of Glass Beads	BS 6088 Appendix B	-	-	√	√	-	-	-	-	√	X	-	-	-	-	-	-	-	-	-	-

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6.59	Measurement of Retro-reflectivity of pavement marking materials	BS EN 1436 Annex A&B	-	-	√	√	-	-	-	-	-	-	-	-	-	√	√	-	-	-	-	-
6.60	Measurement of Retro-reflectivity of pavement marking materials	ASTM E1710	-	-	√	-	-	-	-	-	√	-	-	-	-	√	-	-	-	-	-	-
6.61	Measurement of Skid Resistance	BS 3262 Part 1-Ap. J	-	-	√	√	-	-	√	-	√	X	-	-	-	-	-	-	-	-	-	-
6.62	Determination of Heat Stability	BS 3262 Part 1-Ap. G	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.63	Determination of Luminance Factor	BS 3262 Part 1-Ap. F	-	-	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.64	Dry Film Thickness	BS 3262 Part 3-Ap. B	-	-	√	√	-	-	-	-	-	X	-	-	-	√	√	-	-	-	-	-
6.65	Wet Film Thickness by Notch Gauge	BS EN 13197 Annex C	-	-	√	√	-	-	-	-	-	X	-	-	-	-	√	-	-	-	-	-
6.66	Wet Film Thickness by Notch Gauge	ASTM D4414	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Steel Tests : **Approved : (√) | Conditional Approved : (√*) | Suspended : (X)**

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
7.1	Tensile Strength Test	BS EN 10002- 1	-	√	√	√	-	√	√	√	√	-	-	√	√	-	-	-	X	-	-	-
7.2	Tensile Strength Test	ASTM A370	-	-	√	-	√	√	√	√	√	-	-	√	√	-	-	-	X	-	-	√
7.3	Bend Test & Rebend Test	BS 4449 Sec. 7.2.5	-	√	√	√	√	√	√	√	√	-	-	√	√	-	-	-	X	-	-	√
7.4	Tensile Strength Test of Reinforcing bars, wire rods and wires	BS EN ISO 15630-1	-	-	-	-	-	-	-	-	-	-	-	√	-	-	-	-	X	-	-	√
7.5	Izod Impact Test of Metals	BS 131 Part 1	-	-	-	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
7.6	Bend Test & Rebend	BS EN ISO 15630-1	-	-	-	-	-	-	-	-	-	-	-	√	-	-	-	-	X	-	-	√
7.7	Notched Bar Impact Test of Metals	ASTM E23	-	-	-	-	√	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
7.8	Charpy Impact Method	BS EN 10045	-	-	-	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
7.9	Tensile Test Of High Tensile Steel Wire &Strand	BS EN ISO 15630-3 -cl 5	-	-	√	-	√	√	-	-	√	-	-	√	-	-	-	-	X	-	-	-

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7.10	Isothermal stress relaxation test Of High Tensile Steel Wire &Strand	BS EN ISO 15630-3 –cl 9	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.11	Testing Multi-Wire Steel Prestressing Strand	ASTM A1061	-	-	√	-	√	√	√	-	√	-	-	√	-	-	-	-	X	-	-	-
7.12	Tension Testing of Wire Ropes and Strand	ASTM A 931	-	-	-	-	-	-	-	-	√	-	-	-	-	-	-	-	X	-	-	-
7.13	Load Resistance Test Of Manhole Covers	BS EN 124	-	-	√	√	√	-	-	√	√	-	-	-	-	-	-	-	-	-	-	-
7.14	Procedure for Optical Emission Spectrometer	ASTM E415	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	√
7.15	Bend & Re-bend test of steel bar	ASTM A370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	√
7.16	Bend & Re-bend test of steel bar	ASTM A615/A615M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	√
7.17	Tensile testing of steel bar	ASTM A615/A615M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	√
7.18	Bend & Re-bend test of steel bar	BS 4449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	√

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7.19	Tensile testing of steel bar	BS 4449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	√
7.20	Bend & Re-bend test of steel bar	ISO 6935-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	√
7.21	Tensile testing of steel bar	ISO 6935-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	√
7.22	Tensile testing of steel bar	BS EN ISO 6892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	√

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No.	Test Name	Standard	Laboratory																		
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8.1	Description of Soil and Rock	BS 5930 Section 6	-	√	√	√	-	√	√	√	√	-	-	-	√	-	-	-	-	-	-	-
8.2	Undrained Triaxial Test without Pore Water Pressure Measurement	BS 1377 Part 7- Sec. 8	-	√	-	√	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
8.3	Point Load Index Determination	ASTM D5731	-	√	√	√	-	√	√	√	√	-	-	√	√	-	-	-	-	-	-	-

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8.4	Preparing Rock Core Specimens to Dimensional and Shape Tolerances	ASTM D4543	-	√	√	√	-	√	√	√	√	X	-	-	-	-	-	-	-	-	-	-
8.5	Compressive Strength of Rock Core Specimen	ASTM D7012	-	√	√	√	-	√	√	√	√	X	-	√	√	-	√	√	-	X	-	-
8.6	Determination of One Dimensional Consolidation Properties of Soils	BS 1377 Part 5- Sec. 3	-	√	√	-	-	-	-	-	√	-	-	-	√	-	-	-	-	-	-	-
8.7	Determination of One Dimensional Consolidation Properties of Soils	ASTM D2435	-	-	√	√	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
8.8	Direct Shear on Soil (Small Box)	BS 1377 Part 7- Sec. 4	-	√	√	√	-	√	√	√	√	-	-	-	√	-	-	-	-	-	-	-
8.9	Direct Shear on Soil (Large Box)	BS 1377 Part 7- Sec. 5	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.10	Direct Shear on Rock	ASTM D5607	-	-	√	√	-	-	-	-	√	-	-	-	√	-	-	-	-	-	-	-
8.11	One Dimensional Swell of Cohesive Soils	ASTM D4546	-	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-

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8.12	Constant Head Permeability Test	BS 1377 Part 5- Sec. 5	-	-	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
8.13	Vane Shear Test	BS 1377 Part 7- Sec. 3	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.14	Soil Sampling	BS 5930 Cl. 22	-	√	√	√	-	√	√	√	√	-	-	-	√	-	-	-	-	-	-	-
8.15	Ground Water Sampling	BS 5930 Cl. 23	-	√	√	√	-	√	√	√	√	-	-	-	√	-	-	-	-	-	-	-
8.16	Ground Water Level Measurement	BS 5930 Cl. 23, 27, 47	-	√	√	√	-	√	√	√	√	-	-	-	√	-	-	-	-	-	-	-
8.17	Falling Head Permeability Test	BS 5930 Cl. 25	-	√	√	√	-	√	√	√	√	-	-	-	√	-	-	-	-	-	-	-
8.18	Packer Test / Permeability	BS 5930 Cl. 25	-	√	√	√	-	√	√	√	√	-	-	-	√	-	-	-	-	-	-	-
8.19	Standard Penetration Test (SPT)	BS 1377 Part 9- Sec. 3.3	-	√	√	√	-	√	√	√	√	-	-	-	√	-	-	-	-	-	-	-
8.20	Electrical Resistivity Test	ASTM G57	-	√	√	√	-	√	√	√	√	X	-	√	√	-	-	-	-	-	-	-
8.21	Plate Load Test	BS 1377 Part 9- Sec. 4.1	-	√	√	√	-	√	√	√	√	X	-	√	√	√	√	-	X	-	-	-

Geotechnical Tests :	Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
8.22	Plate Load Test	ASTM D1196	-	-	-	-	-	-	√	-	-	-	-	-	-	-	-	√	X	-	-	-
8.23	California Bearing Ratio (CBR) Test	BS 1377 Part 9- Sec. 4.3	-	√	√	√	-	√	√	√	√	-	-	√	√	√	-	-	-	-	-	-
8.24	Dynamic Cone Penetrometer for Shallow Pavements	ASTM D6951	√*	-	√	√	-	√	√	-	√	X	-	-	-	√	-	-	-	-	-	-

Environmental Tests :	Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
9.1	pH	APHA/AWWA 4500-H+B	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	X	-	X	-
9.2	Electrical Conductivity	APHA/AWWA 2510-B	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	X	-	-	-
9.3	Turbidity	APHA/AWWA 2130 B	√	√	√	√	√	√	√	√	√	-	-	-	√	X	-	-	X	-	-	-
9.4	Total Solids	APHA/AWWA 2540-B	√*	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	X	-	-	-
9.5	Total Suspended Solids (TSS)	APHA/AWWA 2540-D	√	√	√	√	√	√	√	√	√	-	-	-	√	X	-	-	X	-	-	-

Environmental Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
9.6	Total Volatile Suspended Solids (TVSS)	APHA/AWWA 2540-E	√*	-	√	√	√	√	-	√	-	-	-	-	√	-	-	-	X	-	-	-
9.7	Total Dissolved Solids (TDS)	APHA/AWWA 2540-C	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	X	-	-	-
9.8	Total Volatile Dissolved Solids (TVDS)	APHA/AWWA 2540-C	√*	-	√	√	√	√	-	√	-	-	-	-	√	-	-	-	X	-	-	-
9.9	Settleable Solids	APHA/AWWA 2540-F	√*	√	√	-	√	√	-	√	-	-	-	-	√	X	-	-	-	-	-	-
9.10	Sludge Weight	APHA, SM,2710 D	√*	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.11	Sludge Volume	APHA, SM,2710 D	√*	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.12	Sludge Volume Index	APHA, SM,2710 D	√*	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.13	Total, Fixed Solids in Solid and semi solid samples	APHA 2540 G	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.14	Total Volatile Solids in Solid and semi solid samples	APHA 2540- G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Environmental Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
9.15	Biochemical Oxygen Demand (BOD)	APHA/AWWA Test- 5210B & 4500-OC	√	√	√	√	√	√	√	√	-	-	-	-	√	-	-	-	X	-	-	-
9.16	Dissolved oxygen	APHA/AWWA Test- 4500-O G	√	√	√	√	√	√	√	√	-	-	-	-	√*	-	-	-	X	-	-	-
9.17	Chemical Oxygen Demand (COD)	APHA/AWWA Test- 5220 D	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.18	Chemical Oxygen Demand (COD)	APHA/AWWA Test- 5220 B	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-
9.19	Total Kjeldahl Nitrogen	APHA/AWWA 4500 N	√	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.20	Total Organic Nitrogen	APHA/AWWA 4500 N	√	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.21	Ammonia Nitrogen	APHA/AWWA Test-4500 NH3 B&C	√	√	√	√	√	-	-	-	-	-	-	-	√	X	-	-	-	-	-	-
9.22	Nitrate Nitrogen	APHA/AWWA Test- 4500-NO3D	-	√	√	√	√	√	-	-	-	-	-	-	√	X	-	-	X	-	-	-
9.23	Nitrite Nitrogen	APHA/AWWA Test- 4500-NO2B	-	√	√	-	√	√	√	-	-	-	-	-	√	-	-	-	X	-	-	-
9.24	Oil & grease	APHA/AWWA 5520 B	√*	√	√	√	√	√	-	-	-	-	-	-	√	-	-	-	X	-	-	-

Environmental Tests :	Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
9.25	Total Chlorine	APHA/AWWA 4500-Cl G	√*	√	√	√	√	√	√	-	√	-	-	-	√	X	-	-	X	-	-	-
9.26	Residual Chlorine	APHA/AWWA 4500-Cl I	√	-	√	-	√	-	-	-	√	-	-	-	√	X	-	-	-	-	-	-
9.27	Free Chlorine	SMWW Test 4500 Cl G	-	√	√	√	-	-	-	-	-	-	-	-	-	X	-	-	X	-	-	-
9.28	Chloride	APHA/AWWA 4500-Cl B	√*	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	X	-	-	-
9.29	Chloride	APHA 4110-B	√*	-	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.30	Sulphate	APHA 4110-B	-	-	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.31	Nitrate	APHA 4110B	√	-	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.32	Nitrite	APHA 4110B	√	-	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.33	Fluride	APHA 4110-B	-	-	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.34	Iodide	APHA 4110-B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.35	Phosphate	APHA 4110-B	-	-	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.36	Phosphorous (total)	APHA/AWWA 4500-P D&C	√	√	√	√	√	-	√	√	-	-	-	-	√	X	-	-	X	-	-	-
9.37	Phenol Concentrations	APHA/AWWA 5530	-	√	√	√	-	-	-	-	-	-	-	-	√	-	-	-	-	-	-	-

Environmental Tests :	Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
9.38	Cyanide	APHA/AWWA 4500-CN C&E	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.39	Sulphate	APHA/AWWA 4500-SO4	√*	√	√	√	√	√	√	√	√	-	-	-	√	X	-	-	X	-	-	-
9.40	Sulphide	APHA/AWWA 4500--S2 E or F	√*	√	√	√	√	√	√	-	√	-	-	-	√	-	-	-	-	-	-	-
9.41	Fluoride	APHA/AWWA 4500F	-	√	-	√	√	-	√	-	-	-	-	-	√	-	-	-	X	-	-	-
9.42	Total Hardness	APHA/AWWA 2340-C	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	X	-	-	-
9.43	Calcium hardness as calcium carbonate	APHA/AWWA 3500-Ca B	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	X	-	-	-
9.44	Magnesium Concentration by calculation	APHA/AWWA 3500-Mg B	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	X	-	-	-
9.45	Magnesium	APHA 3120-B	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.46	Calcium	APHA 3120-B	√*	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.47	Sodium	APHA 3120-B	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.48	Potassium	APHA 3120-B	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.49	Iron	APHA 3120-B	√	√	√	√	√	√	√	√	√	-	-	-	√	X	-	-	-	-	-	-

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No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
9.50	Aluminum	APHA 3120-B	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.51	Arsenic	APHA 3120 B	√	√	√	√	√	√	√	-	-	-	-	-	√	-	-	-	-	-	-	-
9.52	Cadmium	APHA 3120 B	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.53	Chromium	APHA 3120 B	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.54	COBALT	APHA 3120B	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.55	Copper	APHA 3120 B	√*	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.56	Nickel	APHA 3120 B	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.57	phosphorous	APHA 3120-B	-	-	√	√	√	√	√	√	-	-	-	-	-	X	-	-	-	-	-	-
9.58	Zinc	APHA 3120 B	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.59	Silicon	APHA 3120-B	-	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.60	Silver	APHA 3120 B	-	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.61	Antimony	APHA 3120 B	-	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.62	Barium	APHA 3120 B	-	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.63	Beryllium	APHA 3120 B	-	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.64	Boron	APHA 3120 B	-	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-

Environmental Tests : **Approved : (√) | Conditional Approved : (√*) | Suspended : (X)**

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
9.65	Manganese	APHA 3120 B	√*	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.66	Molybdenum	APHA 3120 B	-	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.67	Selenium	APHA 3120 B	-	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.68	Thallium	APHA 3120 B	-	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.69	Titanium	APHA 3120 B	-	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.70	Vanadium	APHA 3120 B	-	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.71	Lead	APHA 3120 B	√	√	√	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.72	Lithium	APHA 3120 B	-	√	√	√	√	√	√	-	-	-	-	-	-	X	-	-	-	-	-	-
9.73	Mercury	APHA 3120 B	√*	√	√	√	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-	-
9.74	Tin	APHA 3120 B	√	√	-	√	√	√	√	√	-	-	-	-	√	X	-	-	-	-	-	-
9.75	Chromium(VI)	APHA 3500-Cr B	-	-	√	-	√	-	√	√	-	-	-	-	-	-	-	-	X	-	-	-
9.76	Bromide	APHA 4110-B	-	-	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.77	Bromate	APHA 4110-B	-	-	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.78	Total Alkalinity	APHA/AWWA 2320-B	√	√	√	√	√	√	√	√	√	-	-	-	√	X	-	-	X	-	-	-

Environmental Tests : **Approved : (√) | Conditional Approved : (√*) | Suspended : (X)**

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
9.79	Phenolphthalein Alkalinity	APHA/AWWA 2320-B	√*	√	√	√	√	√	√	√	√	-	-	-	√	X	-	-	X	-	-	-
9.80	Bicarbonate	APHA 2320-B	-	√	√	√	√	√	√	-	-	-	-	-	√	X	-	-	X	-	-	-
9.81	Carbonate	APHA 2320-B	-	√	√	√	√	√	√	-	-	-	-	-	√	X	-	-	X	-	-	-
9.82	Total Organic Carbon (TOC)	APHA/AWWA 5310-B or C	√*	√	√	√	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-	-
9.83	Residual Pesticides	EPA 608	√*	√	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.84	Zinc	APHA/AWWA 3125-B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.85	lead	APHA/AWWA 3125-B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.86	Organic Hydrocarbon	APHA/AWWA/ 6200 volatile Organic Compounds	√*	√	√	-	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-	-
9.87	Total Silicates	APHA/AWWA/ 4500- SiIO2-C	√*	√	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.88	Silicon, Aluminum	APHA/AWWA/ 3111 D Direct Nitrous Oxide – Acetylene flame method (AAS)	√*	√	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
9.89	Total Coliforms	APHA/AWWA 9222B & 9222D	√*	√	√	-	√	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
9.90	Fecal Coliform	APHA/AWWA-9222D	√*	√	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.91	E-Coli	APHA/AWWA-9223B IDEXX method	√*	√	√	√	√	√	√	-	√	-	-	-	-	-	-	-	X	-	X	-
9.92	Total Coliforms	APHA/AWWA-9223B IDEXX method	√	√	√	√	√	√	√	-	-	-	-	-	-	-	-	-	X	-	X	-
9.93	Fecal Coliform	APHA/AWWA-9223B IDEXX method	√	√	√	√	√	-	√	-	-	-	-	-	-	-	-	-	X	-	X	-
9.94	Nematodes (Helminths) Eggs	WHO, Lab manual of Parasitological and Bacteriological Techniques, 1996	√	√	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.95	Microscopic Examination	-	√*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.96	Pseudomonas Aeruginosa	APHA 9213-E	-	√	√	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Environmental Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
9.97	Fecal Streptococcus/ Enterococcus	APHA 9230-C	-	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.98	Legionella	APHA 9260-J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.99	Detection of Enterococci	APHA 9223 B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.100	Enteric Viruses	RT – PCR Methodology	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.101	Cryptosporidium	RT – PCR Methodology	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.102	Enterococci	APHA 9230D	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Non Destructive : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
10.1	Falling Weight Deflectometer	ASTM D4694	√*	-	-	√	-	-	-	-	-	-	-	√	-	-	-	-	-	-	-	-
10.2	Road Profilometer (IRI)	ASTM E950	√*	-	√	√	-	√	-	-	√	-	-	√	-	-	-	-	-	-	-	-

Non Destructive : **Approved : (√) | Conditional Approved : (√*) | Suspended : (X)**

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
10.3	Measuring Rut-Depth of Pavement Surfaces Using a Straightedge	ASTM E1703	-	-	-	√	-	-	√	√	√	X	-	√	√	√	√	-	-	-	-	-
10.4	Pavement Quality Indicator	ASTM D7113	√*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.5	Rebound Hammer Test for Concrete	ASTM C805	√	-	√	√	-	√	√	√	√	-	-	√	√	√	√	√	X	X	-	-
10.6	Rebound Hammer of Hardened Concrete	BS EN 12504-2	-	-	-	√	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-
10.7	Concrete Cover Determination	BS 1881 Part 204	-	√	√	√	-	√	√	√	-	-	-	-	√	-	-	-	X	-	-	-
10.8	Ultrasonic Pulse Velocity	BS EN 12504 Part 4	-	-	√	√	-	√	√	√	√	-	-	-	√	-	√	√	X	-	-	-
10.9	Crack Width Gauge	Gauge Manual	-	-	√	√	-	√	√	-	-	-	-	-	√	-	-	-	-	-	-	-
10.10	Crack Measurement Microscope	Microscope Manual	-	-	√	-	-	√	√	√	-	-	-	-	√	-	-	-	-	-	-	-
10.11	Pile Integrity (Pulse Echo Test)	ASTM D5882	-	-	√	√	-	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-
10.12	Pile Integrity (Cross Hole Test)	ASTM D6760	-	-	√	-	-	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-

Non Destructive : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																					
No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
10.13	Pile Dynamic Test	ASTM D4945	-	-	√	-	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
10.14	Caliper Logging of Borehole	ASTM D6167	-	-	√	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-
10.15	Coating Pull-Off Test	ASTM D4541	-	-	√	√	-	√	-	√	√	-	-	-	-	-	-	-	X	-	-	-
10.16	Coating Thickness Measurement	ASTM D7091 / D6132	-	-	√	√	-	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-
10.17	Holiday Detection of Coating	ASTM D4787 / D5162	-	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
10.18	Magnetic Particle Inspection	ASTM E709 / ASME - Sec. V	-	-	√	-	-	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-
10.19	Dye Penetration Test	ASTM E165 / ASME - Sec. V	-	-	√	√	-	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-

Geotextiles & Waterproofing Test : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																					
No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel

Geotextiles & Waterproofing Test :	Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
11.1	Breaking Strength and Elongation of Textile Fabrics (Grab Test).	ASTM D5034	-	√	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.2	Textiles Puncture Resistance.	ASTM D751	-	-	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.3	Textiles Bursting Strength.	ASTM D3787	-	-	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.4	Trapezoid Tearing Strength of Geotextiles.	ASTM D4533	-	√	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.5	Static Puncture Test (CBR Test)	BS EN ISO 12236	-	√	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.6	Tensile Strength &Elongation At Rupture.	BS EN ISO 10319	-	-	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.7	Breaking Strength and Elongation of Textile (strip Test).	ASTM D5035	-	√	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.8	Dynamic Perforation Test (Cone Drop Test)	BS EN ISO 13433	-	√	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.9	Water Permeability	BS EN ISO 11058	-	√	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-

Geotextiles & Waterproofing Test :	Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
11.10	Pore Size	BS EN ISO 12956	-	√	√	√	-	-	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.11	Determination Of Mass Per Unit Area (Weight)	BS EN 12127	-	-	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.12	Measuring The Nominal Thickness Of Geosynthetics	ASTM D5199	-	√	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.13	Determination Of Thickness Of Textiles	BS EN ISO 5084	-	√	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.14	Determination of Tensile Properties for plastic	ASTM D 638	-	-	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.15	Determination of Tensile Properties for plastic	BS EN ISO 527 Part 3	-	-	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.16	Tensile strength of Vulcanized Rubber and Thermoplastic Elastomers	ASTM D 412	-	-	√	-	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.17	Initial Tear Resistance of Plastic Film and Sheeting	ASTM D 1004	-	√	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.18	Pressure-Sensitive Adhesion to Primed Concrete	ASTM D 1000	-	√	√	√	-	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-

Geotextiles & Waterproofing Test :			Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																		
No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
11.19	Puncture Resistance of Ground Covers	ASTM E 154	-	√	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.20	Water Absorption of Plastics	ASTM D 570	-	-	√	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.21	Resistance of Plastics to Chemical Reagents	ASTM D 543	-	√	√	√	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-
11.22	Water Vapor Transmission rate	ASTM E 96	-	√	√	√	-	√	-	√	-	-	-	-	-	-	-	-	-	-	-	-
11.23	Brittleness Temperature of Plastics and Elastomers by Impact	ASTM D 746	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.24	Determination of Durometer Hardness	ASTM D 2240	-	√	√	√	-	-	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.25	Determination of thickness and mass per unit area of Bitumen sheets for roof waterproofing	BS EN 1849-1	-	√	-	√	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.26	Determination of thickness and mass per unit area of Plastic and rubber sheets	BS EN 1849-2	-	√	√	-	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-
11.27	Dimensions Measurement of Rubber	ASTM D 3767	-	√	-	-	-	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-

Leakage Testing of Buildings : **Approved : (√) | Conditional Approved : (√*) | Suspended : (X)**

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
12.1	Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences	ASTM E283	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.2	Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Static Air Pressure Difference	ASTM E330	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.3	Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference	ASTM E331	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.4	Air Permeability of Doors and Windows	BS EN 1026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.5	Water tightness of Doors and Windows	BS EN 1027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.6	Doors and Windows Resistance to Wind Loads	BS EN 12211	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.7	Air Permeability of Curtain Walling	BS EN 12153	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Leakage Testing of Buildings : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
12.8	Water Tightness of Curtain Walling under Static Pressure	BS EN 12155	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.9	Resistance to Wind Load of Curtain Walling	BS EN 12179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.10	Air Permeability of Buildings	BS EN 13829	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.11	Water Penetration using Dynamic Pressure for Windows, Curtain Walls and Doors	AAMA 501.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.12	Water leakage field check for Storefronts, Curtain Walls and Sloped Glazing Systems	AAMA 501.2	-	-	√	-	-	√	-	-	√	-	-	-	-	-	-	-	-	-	-	-

Paints and vernishies : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
13.1	Density of Liquid Coatings, Inks &paints	ASTM D1475	-	-	√	√	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-

Paints and vernishies :		Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																			
No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
13.2	Measurement of Dry-Film Thickness of Organic Coatings	ASTM D1005	-	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
13.3	Measurement of Wet Film Thickness of Organic Coatings	ASTM D1212	-	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
13.4	Scrub Resistance of Wall Paints	ASTM D2486	-	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
13.5	Viscosity of Paints	ASTM D562	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.6	Sag Resistance of Paints	ASTM D4400	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.7	Measurement of specular gloss of nonmetallic paint films	BS EN ISO 2813	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.8	Fineness of Dispersion of Pigment- Vehicle Systems	ASTM D1210	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.9	Determination of color and color difference	ISO 7724-2	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.10	Comparison of contrast ratio	BS EN ISO 2814	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Paints and vernishies :	Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
13.11	Determination of pH value of aqueous suspension	BS EN ISO 787-9	-	-	√	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.12	Cross-cut test of paints &varnishes	BS EN ISO 2409	-	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
13.13	Adhesion (Pull off) strength	ASTM D4541	-	-	√	√	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
13.14	Pigment Content of Water-Emulsion Paints by Low-Temperature Ashing	ASTM D3723 -	-	-	√	-	-	√	-	-	√	-	-	-	-	-	-	-	-	-	-	-
13.15	Determination of resistance to liquids	ASTM D5401	-	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
13.16	Pigments for the coloring of building materials	BS EN 12878	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.17	Determination Volatile Content of Coatings	ASTM D2369	-	-	√	-	-	√	-	-	√	-	-	-	-	-	-	-	-	-	-	-
13.18	Determination of the Nonvolatile Content	ASTM D5095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.19	Bend Test of Attached Organic Coatings	ASTM D522	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.20	Bend test of Paints and varnishes	BS EN ISO 1519	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Paints and vernishies :	Approved : (√) | Conditional Approved : (√*) | Suspended : (X)																				
No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
13.21	Abrasion Resistance of Organic Coatings by the Taber Abraser	ASTM D4060	-	-	√	√	-	-	-	√	√	-	-	-	-	-	-	-	-	-	-	-
13.22	Tensile Properties of Organic Coatings	ASTM D2370	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.23	Fluorescent UV-Condensation Exposures of Paint and Related Coatings	ASTM D4587	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.24	Filtered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings	ASTM D822	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.25	Drying, Curing, or Film Formation of Organic Coatings at Room Temperature	ASTM D1640	-	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
13.26	Rheological Properties of Non-Newtonian Materials by Rotational Viscometer	ASTM D2196	-	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-
13.27	Alkali Resistance	ASTM D1647	-	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-	-	-

Electrical and Lightening Tests : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
14.1	Luminaires for roadway lighting	IEC 60598-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.2	Electrical and Photometric Measurements of Solid-State Lighting Products	IES_LM-79-08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.3	Measuring Lumen Maintenance of LED Light Sources	LM-80-08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.4	LED modules for general lighting - Performance requirements	IEC 62717	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.5	Luminaire performance - Particular requirements for LED luminaires	IEC 62722-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Asphalt Mix Preparation and Verification : Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																		
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
15.1	Asphalt Mix Design	Marshall Mixtures	-	-	√	√	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	-

Asphalt Mix Preparation and Verification :	Approved : (√) | Conditional Approved : (√*) | Suspended : (X)

No.	Test Name	Standard	Laboratory																	
			Ashghal	Gulflab	ACES	DTL	Element Doha LLC	ACTS	Tech Lab	QIL	QEL	Pioneer	Teyseer labs	ITL	QGEC	Al Baraha	JEL	Geotechnical Group	CTL	Universal lab	Torch Material Testing Lab	Qatar Steel
15.2	Asphalt Mix Verification*	*Mix design verification shall be carried out by a lab different from the one that prepared the mix.	-	-	√	√	-	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-

Notes: - It is the responsibility of the Engineer and Consultant to ensure the materials testing laboratory proposed by the Contractor is totally independent and has no relationship, inclusive of formal, financial, family, or legal, or other with the Contractor or the Contractors Sub-contractors.
- (√*) means conditional approval.
- (X) Means suspended test.

ملاحظات: - انها مسؤولية مهندس المشروع والاستشاري التأكد من عدم وجود صلة بين المختبر المقترح والمقاول أو المقاول من الباطن بأي شكل كان سواء قانوني، مالي، عائلي أو خلافه.
- (√*) تعني اعتماد مشروط ولفترة محدودة. – (X) تعني الاختبار تم تعليقة بعد اعتماده.