

6. Road and Pavement 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 / AASHTO TESTS – BINDERS																			
6.1	Sampling of Binders	ASTM D140	-	√	√	-	√	-	-	√	√	√	√	√	√	√	√	-	√*
6.2	Distillation of Cutback Asphalt	ASTM D402	-	√	-	-	√	√	-	-	√	√	√	-	-	-	√	-	-
6.3	Application Rate of Bituminous Distributors	ASTM D2995	√	√	√	√	√	√	-	√	√	√	√	√	-	√	√	-	-
6.4	Determination of Density of Bitumen	ASTM D70	√	√	-	-	√	√	-	√	√	√	-	√	√	√	√	-	√*
6.5	Penetration of Bituminous Materials	ASTM D5	√	√	√	-	√	√	-	√	√	√	√	√	√	√	√	-	√
6.6	Determination of Softening Point (Ring and Ball Method)	ASTM D36	√	√	√	-	√	√	-	√	√	√	√	√	√	√	√	-	√*
6.7	Flash Point, Cleveland Open Cup	ASTM D92	√	√	√	-	√	-	-	√	√	√	√	√	-	-	√	-	√*
6.8	Ductility of Bituminous Materials	ASTM D113	√	√	-	-	√	-	-	√	√	√	√	-	-	-	√	-	√*
6.9	Solubility in Trichloroethylene	ASTM D2042	√	√	-	-	√	-	-	-	√	√	-	-	-	-	√	-	√*
6.10	Loss on Heating	ASTM D6	-	√	-	-	√	-	-	√	√	√	-	-	-	-	√	-	√*
6.11	Determination of Viscosity of Asphalt	ASTM D2171	-	-	-	-	-	-	-	√	√	-	-	√	-	-	-	-	-
6.12	Viscosity Determination using Rotational Viscometer (RV)	ASTM D4402 AASHTO T316	√	√	√	-	√	-	-	-	√	√	√	√	-	-	-	√	√*
6.13	Flexural Creep Stiffness using the Bending Beam Rheometer (BBR)	ASTM D6648 AASHTO T313	√	√	√	-	√	-	-	-	√	√	√	-	-	-	-	-	√*