

FORM B: Category 2: Geotechnical Engineering – Testing, Procedures, and Laboratory Accreditation Checklist

Circle each testing procedure that the firm is accredited in (Table 1) and check each box in the far right column (Table 2) to indicate the firm’s accreditation.

Table 1. Laboratory Accreditation

LABORATORY ACCREDITATION (Circle all that apply)	
A2LA	YES/NO
AASHTO	YES/NO
E329	YES/NO
D3740	YES/NO
C1077	YES/NO
D3666	YES/NO

Table 2. SOIL TESTS and PROCEDURES

ASTM	AASHTO	TxDOT	TITLE	Check Box if Accredited
D421	T87	Tex-101-E	Practice for Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants	
D422	T88	Tex-110-E	Test Method for Particle-Size Analysis of Soils	
D698	T99	Tex-113-E	*Laboratory Compaction Characteristics and Moisture-Density Relationship of Base Materials and Cohesionless sand	
D698	T99	Tex-114-E	*Laboratory Compaction Characteristics and Moisture-Density Relationship of Subgrade & Embankment Soils	
D1140	T11	Tex-111-E	*Determination of Amount of Material in Soils Finer Than the 75- μm (No. 200) Sieve	
D2216	T265	Tex-103-E	*Determination of Moisture Content in Soil Materials	
D1557	T180		Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 lbf/ft ³ (2,700 kN/m ³))	
D2217	T146	Tex-101-E	Practice for Wet Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants	
D2487		Tex-142-E	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	

D2488		Tex-141-E	Practice for Description and Identification of Soils (Visual-Manual Procedure)	
D2922	T238	Tex-115-E Part II	Test Methods for Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)	
D3017	T239	Tex-115-E Part II	Test Method for Water Content of Soil and Rock in Place by Nuclear Methods (Shallow Depth)	
D4318	T89	Tex-104-E	*Determination of Liquid Limit of Soils	
D4318	T90	Tex-105-E	*Determination of Plastic Limit of Soils	
D4318	T90	Tex-106-E	*Method of Calculating the Plasticity Index of Soils	
		Tex-121-E	*Soil Lime Compression Test	

*Title from TxDOT Manual; others titles from ASTM Standards