



World Class Accreditation

The American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

ISTRC NEW MIX LAB, LLC

Lenexa, KS

for technical competence in the field of

Geotechnical/Putting Green Materials Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF *Communiqué* dated 8 January 2009).

Presented this 10th day of January 2011.

President & CEO
For the Accreditation Council
Certificate Number 1552.01
Valid to May 31, 2012



For the tests or types of tests to which this accreditation applies, please refer to the laboratory's Geotechnical Scope of Accreditation.



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ISTRC NEW MIX LAB, LLC
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Lenexa, KS 66215
Robert S. Oppold Phone: 800 362 8873

GEOTECHNICAL
PUTTING GREEN MATERIALS

Valid To: May 31, 2012

Certificate Number: 1552.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests:

<u>Designation</u>	<u>Short Title</u>
ASTM C136	Sieve Analysis of Fine and Coarse Aggregates
ASTM D421	Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
ASTM D422	Particle Size Analysis of Soils (Sieve Analysis of Portion Passing the No. 10 Sieve Using Shaker for Dispersion)
ASTM D2974	Moisture, Ash and Organic Matter of Peat and Other Organic Soils
ASTM D2976	pH of Peat Materials
ASTM D2980	Volume Weights, Water-Holding Capacity, and Air Capacity of Water-Saturated Peat Materials
ASTM D4427	Classification of Peat Samples by Laboratory Testing (Except 6.1 and 6.5)
ASTM D4972	pH of Soils
ASTM F1632	Particle Size Analysis and Sand Shape Grading of Golf Course Putting Green and Sports Field Root Zone Mixes
ASTM F1647	Organic Matter Content of Putting Green and Sports Turf Zone Mixes (Method A-Loss on Ignition)
ASTM F1815	Saturated Hydraulic Conductivity, Water Retention, Porosity, Particle Density and Bulk Density of Putting Green and Sports Turf Root Zones
SSSA EC	Soil Electrical Conductivity; 1:2 Soil/Water (Rhodes J.D. 1982. Soluble Salts, p. 167-179. In Page et al. (ed.) Methods of Soil Analysis Part 2, 2 nd Edition, American Society of Agronomy and Soil Science Society of America)
SSSA PD	Particle Density by Pycnometer Method Using Vacuum Desiccator to Remove Air (Flint, A. L., and L. E. Flint. 2002. Particle Density, p. 229-240. In J. H. Dane and P. T. Topp (ed.) Methods of Sol Analysis. Part 4. Soil Science Society of America, Madison, WI.)
NML SOP	Bunker Sand Analysis