



The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Laboratory

A2LA has accredited

OTTO ROSENAU & ASSOCIATES, INC.

Seattle, WA

for technical competence in the field of

Construction 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 March 2009.

A handwritten signature in black ink, appearing to read "Peter M. Boyer".

President & CEO
For the Accreditation Council
Certificate Number 0823.01
Valid to February 28, 2011
Revised February 25, 2010

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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

OTTO ROSENAU & ASSOCIATES, INC.
 6747 Martin Luther King Way S.
 Seattle, WA 98118
 Judi Rosenau-Payseno Phone: 206 725 4600

Valid To: February 28, 2011

Certificate Number: 0823.01

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

CONSTRUCTION MATERIALS ENGINEERING

ASTM: E329 (Materials), C1077 (Concrete), C1093 (Masonry), D3666 (Bituminous), D3740 (Soils)
 AASHTO: R18

CONSTRUCTION MATERIALS TESTING

Concrete:

ASTM:	C31*	C39*	C42	C78	C138*	C143*	C172*	C173
	C192	C231*	C293	C495	C567*	C617*	C642	C803*
	C805*	E1155	C1231	C873	C1140	C1064		
AASHTO:	T22	T23	T97	T119	T121	T126	T141	T152
	T177	T231	T196					

Aggregates:

ASTM:	C29*	C40	C70	C88	C117*	C127	C128	C131
	C136	C142	C535	C566	C702*	D75*	D2419	
AASHTO:	T2	T11	T19	T21	T27	T85	T96	T112
	T176	T248	T255					

Cement:

ASTM: C109 (Compression Only)
 AASHTO: T106 (Compression Only)

Soils:

ASTM:	D421	D422	D698	D1140	D1556*	D1557	D2216	D2217
	D2419	D2922 (01)*		D3017 (04)*		D4318	D6938*	
AASHTO:	T100	T191						

Bituminous:

ASTM: D979* D2041 D2726 D2950* D3549* D5444 D6307

Unit Masonry:

ASTM: C109 (compression only) C140 C1019 C1314
 AASHTO: T106

Steel (Shop & Field)*:

AWS: D1.1 D1.3 D1.4 D1.5 D1.8 (Fabrication & Erection – Visual Welding)
AISC: Manual of Steel Construction (Fabrication & Erection – Visual & Bolting)

Nondestructive:

ASTM: E165* (Liquid Penetrant Inspection*)
E709* (Magnetic Particle Examination)
E114*, E164, E587 (Ultrasonic Testing*)

Fireproofing:

ASTM: E605 E736

* This laboratory meets A2LA R104 – *General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these tests or calibrations.

