PERSONNEL QUALIFICATIONS

Brookelynn Schmeck | JTC Laboratory Operations Lead

EDUCATION

- Asbury University
  - Bachelor of Arts, Biblical and Classical Languages, 2010
- Trinity Evangelical Divinity School
  - Master of Arts, Theological Studies, 2014

QA/QC TRAINING

- ISO/IEC 17025:2005 and Laboratory Accreditation (A2LA 2-Day Course)
- Understanding the New ISO/IEC 17025:2017 (ANAB 2-Day Course)
- Risk Management, Decision Rules, and Measurement Uncertainty (ANAB 1-Day Course)

CONTACT

bschmeck@wje.com
847.272.7400
www.wje.com

EXPERIENCE

Since joining WJE in 2014, Brookelynn Schmeck has worked in the Janney Technical Center (JTC), WJE's state-of-the-art testing and applied research facility, which includes a full array of chemistry, petrography, metallurgy, concrete and mortar, corrosion, and structural testing laboratories. Ms. Schmeck has worked closely with WJE's quality manager to provide support for all of WJE's accreditations and quality programs. She has participated in external audits, coordinated internal audits, communicated with external accreditation bodies, maintained quality documentation, and enhanced WJE's quality programs.

WJE QUALITY ASSURANCE PROGRAMS

ISO/IEC 17020:2012

- Maintain accreditation by ANSI-ASQ National Accreditation Board (ANAB) by meeting ISO/IEC Standard 17020:2012, *Requirements for the Operation of Various Types of Bodies Performing Inspection*, which includes general, structural, resource, process, and management system requirements. The WJE Audit Group provides quality auditing services to construction material manufacturers.

ISO/IEC 17025:2017

- Maintain accreditation by ANSI-ASQ National Accreditation Board (ANAB) by meeting ISO/IEC Standard 17025:2017, *General Requirements for the Competence of Testing and Calibration Laboratories,* which includes general, structural, resource, process, and management system requirements. WJE's scope includes three major fields (chemical, mechanical, and construction material) and many ASTM and AASHTO test methods, ICC-ES acceptance criteria, and other tests. Areas covered under this scope include chemistry, petrography, metallurgy, thermal analysis, corrosion analysis, physical testing of materials, material characterization and evaluation, strength testing, and structural testing.

NQA-1 Quality Assurance Program

- NQA-1 compliant nuclear quality assurance program, which meets the requirements of Title 10, US Code of Federal Regulations, Part 50, Appendix B; Title 10, U.S. Code of Federal Regulations, Part 21; and American Society of Mechanical Engineers NQA-1-2008 Edition with the NQA-1-2009 Addenda

AASHTO Material Reference Laboratory

- Maintain accreditation by meeting the requirements of the American Association of State Highway and Transportation Officials (AASHTO) Standard Practice R18, and complete audits by the Cement and Concrete Reference Laboratory (CCRL) to maintain accreditation

Caltrans Authorized Laboratory for Testing Reinforcing Steel Splices

- Maintain accreditation by meeting the requirements of Caltrans Structural Materials Testing Branch

Cast Stone Institute Testing Technician Certified Laboratory

- Maintain accreditation by meeting the requirements of ASTM C1194 and C1195

City of Los Angeles

- Maintain accreditation by meeting the requirements in Section 98.0503 of the Los Angeles Municipal Code and the Guidelines for Recognition of Testing Agencies

Illinois DOT Approved Test Laboratory for Alkali-Silica Reactivity (ASR)

- Maintain accreditation by meeting the requirements of ASTM C1293 and C1567

Massachusetts DOT Qualified Alkali-Silic Reactivity (ASR) Testing Laboratory

- Maintain accreditation by meeting the requirements of ASTM C1260 and C1567

Miami-Dade County

- Maintain accreditation by meeting the requirements of Testing Application Standard (TAS) 301-94