John E. Moberg | Forensic Engineer, **P.E.**

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Professional Summary:

Mr. Moberg has more than 18 years of experience in civil/structural engineering. His background includes performing engineering analysis, design, and inspection of a versatile range of structures including buildings, bridges, storage tanks, and telecommunications towers using different materials and building codes for both public and private sectors. His specialty is structural analysis and inspection. Areas of expertise:

- Structural Engineering
- Forensic Engineering

Licenses and Certifications:

Professional Engineer, Iowa, License #23580

Professional Engineer, Kansas, License #19794

Professional Engineer, Minnesota, License #58473

Professional Engineer, Missouri, License #PE-2020010411

Professional Engineer, Nebraska, License #E-18133

Professional Engineer, Ohio, License #73483

Professional Engineer, South Dakota, License #14721

Professional Engineer, Washington, License #46292

Professional Engineer, Wisconsin, License #47917-6

Project Experience:

Destek Engineering, LLC, Marietta, GA
NFIP Direct - Iowa
Provided residential structural inspection services for insurance purposes to sites in Iowa potentially subjected to flood damage. Determined the extent and causes of damages to residential buildings and ancillary structures, evaluated structural stability and safety, and recommended repairs as needed to flood and storm damaged properties throughout the state of Iowa.

Shuck-Britson, Inc., Des Moines, IA
City of Des Moines
Provided consulting services to the City of Des Moines on variety of unique projects including the renovation and design of new egress stairways and full inspection services for city-owned parking garages.

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Iowa State University, Ames, IA
Graduate Student
Studied structural engineering methods, techniques, and designs for both buildings and bridges. Graduated with a Master of Engineering degree in Civil Engineering emphasizing in structural engineering.

Black & Veatch, Overland Park, KS
AT&T Tower Analysis
Acted as Lead Engineer for project, and supervised engineers in three offices in order to provide all structural engineering services to AT&T for all sites located in a sixteen-state region, later expanding to twenty-nine state. Project services included analysis, tower mapping and inspection, foundation and geotechnical investigation, and structural modification and repair.

AEC Engineering, Inc., Richmond, VA
Weyerhaeuser
Assisted API, AWS, and NACE Certified Inspectors with tank integrity inspections and tank coating evaluations. Calculated corrosion rate and remaining service life for steel tanks based on ultrasonic thickness measurements, tested welds with vacuum boxes, performed low-voltage holiday tests on applied coatings, and reviewed ventilation and safety requirements for above-ground storage tanks.

Teng & Associates, Inc., Richmond, VA
Illinois DOT, McKinley Bridge – St. Louis, MO
Performed multiple onsite inspections on a steel truss bridge spanning the Mississippi River as part of a structural inspection team contracted to the Illinois Department of Transportation. Identified and documented areas of concern with regard to the structural integrity of the bridge.

Professional Experience:

EFI Global, Inc., Forensic Engineer, 2020 - Present
Destek Engineering, LLC, Structural Engineer, 2018 – 2019
Shuck-Britson, Inc., Structural Engineer, 2016 – 2018
Black & Veatch, Civil/Structural Engineer / Lead Engineer, Telecommunications, 2005 – 2014
AEC Engineering, Inc., Structural Engineer (EIT) / Project Engineer, Coatings, 2002 – 2004
Teng & Associates, Inc., Structural Engineer (EIT), 2001 – 2002

Education:

Master of Engineering, Civil Engineering, Iowa State University, Ames, Iowa 2016
Bachelor of Science, Architectural Engineering, Kansas State University, Manhattan, KS, 2000
Bachelor of Arts, Mathematics, Kansas State University, Manhattan, KS, 2000

Affiliations:

National Society of Professional Engineers, Member

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