

**G. LOUIS SCHWEERS, P.E.**

GLS Engineering, LLC  
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(843) 881-4803

**EXPERIENCE:**

July 2002 -  
Present

**GLS ENGINEERING, LLC**, Mt. Pleasant, South Carolina

**Managing Member/Engineer.** Primary area of concentration is moisture and thermal migration related to construction defects, inadequate design, site/environmental conditions and HVAC deficiencies or inadequacies. Workload involves consulting engineering, forensic investigations, expert witness services, inspections and HVAC analysis/design. Engineering and forensic services include construction defect investigations, moisture cause and origin studies, mold investigations, building envelope analysis, damage evaluations, water intrusion studies, HVAC load calculations and recommendations for addressing excessive moisture and improving HVAC systems and indoor air quality.

April 2007 -  
November 2017

**Air Plus, LLC**, North Charleston, South Carolina

**Managing Member/Engineer.** Engineer in charge of technical and field support and general business operations for mechanical contracting company. Position includes evaluations for both new and existing structures, investigations, conceptual design, sales and sales support and business development.

December 1992 -  
July 2002

**SANTEE COOPER (SCPSA)**, Moncks Corner, South Carolina

**Principal Engineer, Industrial & Commercial Services.** Performed building envelope, HVAC and electrical system inspections for industrial and large commercial customers to identify opportunities for better building performance, reducing costs, increasing productivity and improving system reliability. Provided technical support to industrial and commercial customers including maintenance/testing, outage investigations, metering concerns, rate evaluations, etc. Responsible for initiating, negotiating and executing contracts with large industrial customers served by the SCPSA.

**General Engineer, Industrial & Commercial Services.** Responsible for providing engineering support to residential and commercial customers. Included HVAC load calculations and design, lighting calculations and design, building envelope and mechanical/electrical system inspections, and providing technical assistance to architects and engineers for the improvement of new and existing buildings.

November 1990 -  
December 1992

**RAST AND ASSOCIATES**, Charleston, South Carolina

**Design/Field Engineer.** Responsible for calculations, specifications, and design of commercial HVAC, plumbing and electrical systems and project management of associated construction. Projects included new, renovation, and retrofit construction as well as investigations and inspections of existing residential and commercial buildings. Experienced with Standard Mechanical, Gas, Plumbing and Building Codes as well as ASHRAE, NEC, NFPA and DHEC requirements. In coordination with Rast and Associates, performed pre-purchase home inspections under the name Pre-Check Home Inspections.

January 1989 -  
November 1990

**INTERNATIONAL PAPER COMPANY**, Georgetown, South Carolina

**Project Engineer, Engineering Services.** Responsible for design and installation supervision of process systems as well equipment/system upgrades. Projects in the Woodyard, Pulp Mill and Bleach Plant incorporated many aspects of mechanical engineering with emphasis on fluid processing and heat transfer. Experienced with corrosion resistant piping and piping specialties (pumps, valves, flow control, etc.). Familiar with construction practices associated with new installations and scheduled shutdown maintenance.

**EDUCATION:**

Clemson University, Clemson, South Carolina, December 1988  
Bachelor of Science: Mechanical Engineering

Numerous Continuing Education Classes covering building codes, building envelope, mechanical and electrical systems, moisture, mold, etc.

Registered Professional Engineer (SC License # 16248)  
SC Real Estate License (# 25745)