



Leon L. Smith, PE

Electrical Engineer of Record

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Professional Summary

A registered professional electrical engineer with over 30 years of experience as a design engineer, expert in construction administration and maintenance management. His multi-disciplinary experience spans airports, health care facilities, resorts, high rise buildings, educational facilities, multi-family residences, office complexes and many more. He has contributed to many projects of national significance in his various roles in the public and private sector.

Employment History:

2024 – Present: Leon L. Smith Electrical Engineering.

2009 – 2024: Source River Holdings Company Ltd. - Engineering and Maintenance Manager

- Responsible for management, maintenance, and repairs to and on the 62-acre property, inclusive of the grounds and buildings.
- Electrical engineering designs.

2000 – 2009: Bacardi & Company Ltd.

Engineering & New Projects Superintendent.

- Ensured that all aspects related to design, implementation, installation, and commissioning of all phases of the projects were consistent with good engineering practices and code standards.
- Responsible for general and preventative maintenance of all Bacardi & Company Limited physical plant facilities, namely buildings, tanks, roads, property grounds, fences, garbage dumps, landscaping, and pest control.
- Overall responsible for the proper maintenance and supervision of the fire sprinkler system and other related systems.

Assistant Maintenance Superintendent

- Supervise employees and monitor the progress of maintenance jobs to maintain standards and completion dates.
- Responsible for the work order system for employees and reporting of time sheets.
- Troubleshooting problems with equipment related to plant operation and hands-on in reference to repairs.
- Designed electrical systems for equipment, including ordering of material needed and ensuring all work was done in accordance with the latest edition of the Canadian Electrical Code.
- The maintenance and installation of electrical equipment (motors, starters, panels, wires, and lighting).

20013 – 2015: Reiss Engineering - Consultant Electrical Engineer.

- Electrical Engineer Consultant and Electrical Inspector – Baha Mar Project Phase 1.

2005 – Present: Graphite Engineering Ltd. - Consultant Electrical Engineer.

- Electrical Engineer of Record – Disney Lighthouse Point, Eleuthera, Bahamas.
- Electrical Engineer of Record – Baha Mar Water Park, Nassau, Bahamas.
- Design Electrical Engineer – Baha Mar Phase 1 stores and restaurants.
- Design Electrical Engineer – Abaco Mini Hospital, Abaco, Bahamas.
- Design Electrical Engineer – Exuma Mini Hospital, Exuma, Bahamas
- Design Electrical Engineer – Renovations to Coral Towers Atlantis, Paradise Island.
- Design Electrical Engineer – University of the Bahamas Dormitories, Freeport, Grand Bahama.
- Designed and executed project for new building services for various government facilities.
- Preparation of Construct documents for projects.
- Provide electrical inspection, analyze existing electrical systems, and provide peer review.

1992 – 2000: Ministry of Public Works. - Assistant Electrical Engineer.

- Responsible for electrical systems designs for a wide range of buildings owned by the government, including residences, schools, clinics, hospitals, offices, parks, and airports.
- Project management of building services for buildings under construction or being renovated throughout the Bahamas.
- Proficient in MS Office Suite & AutoCAD.
- Received a year and six months of training as an Electrical Maintenance Engineer at Nassau International Airport in the MOPW Maintenance Section to gain knowledge in maintenance and its management of that facility.
- Received eight months of training in 1997 at Brown & Associates Consulting Engineers to gain experience under a private engineering company.

Education:

- 2006 The Bahamas Technical & Vocational Institute, Nassau
Bahamas Refrigerant Transition and Recovery Certification.
- 1987 – 1992 Prairie View A & M University, Prairie View, Texas
U.S.A. BSc. Electrical Engineering.
- 1986 – 1987 College of the Bahamas, Nassau, Bahamas
Pre- Technology Program.

Core Competencies:

- Electrical Distribution Systems Designs.
- Electrical Building Services Designs.
- Electrical System Maintenance.
- Fire Alarm Systems Designs.
- Project Management.

Membership in Professional Associations:

- Registered Professional Engineer 10080 – Professional Engineers Board, Bahamas.
- Member of the Bahamas Society of Engineers.
- Member of the Institute of Electrical and Electronics Engineers.
- Life Member – Kappa Alpha Psi Fraternity Inc.
- Member of Christ Church Cathedral.