

# FORCON INTERNATIONAL

**GEORGE W. LUMSDEN, JR., PE**

**SUMMARY**

Mr. Lumsden is a Professional Engineer with more than 30 years of experience in all phases of electrical engineering and construction. He has provided professional services as the named Electrical Engineering Design Principal-in-Charge, Project Manager, Construction Manager, Cost Estimator, Engineer, and Electrical Engineer situation investigator. He has extensive experience in consulting, engineering, construction, staff supervision, strategic planning, business development, proposal preparation, and project management.

Mr. Lumsden has worked with multiple national and multi-national companies over his career such as Coca-Cola, Delta Air Lines, ComCast, Federal Express, UPS, Kroger, Lockheed of Marietta, and ChickFilA. Mr. Lumsden has been specifically sought out to provide expert design assistance and consultation for electrical systems, and to a lesser degree, forensic analysis on sites where some form of a failure occurred.

Over the years, he has successfully designed and/or commissioned the following project types & facilities:

- o Animal Care
- o Commercial
- o Educational – Elementary
- o Government
- o Library
- o Museum
- o Prisons
- o Research
- o Assembly
- o Communications
- o Educational – Middle
- o High Rise
- o Mixed Use
- o Office
- o Prototype
- o Sporting Venues
- o Aviation
- o Data Centers
- o Educational – Secondary
- o Hospitality
- o Modular
- o Parking
- o Retail
- o Utility Generation & Distribution
- o Churches
- o Educational
- o Food Processing
- o Industrial
- o Multi-family residential
- o Pharmaceutical
- o Residential
- o Warehouses

**EDUCATION**

Bachelor of Science in Electrical Engineering Technology – Southern Polytechnic State University (formerly known as Southern Technical Institute) 1989; with a Minor Degree in Technical Management.

**REGISTRATIONS & CERTIFICATIONS**

Registered Professional Engineer in the following states:

- |             |            |            |                |                      |
|-------------|------------|------------|----------------|----------------------|
| Alabama     | Arizona    | Colorado   | Connecticut    | District of Columbia |
| Georgia     | Hawaii     | Louisiana  | Maine          | Maryland             |
| Mississippi | New Jersey | New Mexico | North Carolina | North Dakota         |
| Ohio        | Oklahoma   | Oregon     | Pennsylvania   | Texas                |
| Utah        | Vermont    | Virginia   | Washington     | West Virginia        |
| Wisconsin   | Wyoming    |            |                |                      |

**CAREER HISTORY**

**FORCON International – Electrical Engineer**

Conducting forensic investigations and expert witness services as it relates to his fields of expertise.

**Lumsden Engineering, P.C. – Principal Engineer**

Responsible for design tasks on all types of projects as listed in an earlier section of this document.

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## **Carlson Associates – Electrical Engineer**

Performed various design tasks for the electrical portion of projects of more critical operation such as data centers, telecommunication facilities, Internet Point of Presence sites, bank item processing facilities, and call centers among others.

## **McCluer Corporation – Electrical Project Engineer**

Performed various design tasks for the electrical portion of projects. The types of projects worked on at this assignment included multiple projects at the Lockheed of Marietta manufacturing plant and work on several state and local prisons.

## **Facility Engineers, Inc. – Electrical Project Engineer**

Performed all aspects of the electrical project design including all calculations, lighting layout and calculations, short circuit current calculations, electrical power distribution, one line diagram development and gear layout, site lighting and electrical power distribution, etc. The types of projects worked on at this assignment included warehouses, food distribution, food processing, industrial, and manufacturing facilities.

## **Carlson Associates – Electrical Engineering Designer**

Performed various design tasks under the direct supervision of several senior engineers which rapidly assisted the development of my professional skills. The types of projects worked on at this assignment included offices, banks, data centers, labs, commercial kitchens, and call centers.