

STENNIS INNOVATIONS

ENGINEERING DESIGN CONSULTING

Forged In Service Driven by Progress

Company Overview

Stennis Innovations LLC is a Massachusetts-based engineering consulting firm specializing in high-performance solutions for defense, aerospace, and advanced technologies. The company focuses on high-voltage electrical systems, electrical reliability, and subsystem development for mission-critical applications. Built on 25 years of hands-on experience in design, manufacturing, testing, and evaluation, the company operates with the discipline, integrity, and fortitude instilled through service in the United States Navy.

Our expertise spans systems architecture, high voltage insulation systems, cable and interconnects, test and evaluation. We support advanced prototypes and manufacturing capabilities through vetted partnerships, and qualified suppliers.

Our goal is to support advanced research programs by transforming complex electrical and mechanical concepts into reliable, and robust, innovative, manufacturable solutions. We value collaboration with partners and seek programs that push the boundaries of aerospace, defense, and advanced energy technologies.

Core Competencies

- High-Voltage Electrical System Design
- Electrical System Architecture Development
- High-Voltage Cable Assembly Engineering
- High-Voltage Connector Design
- Corona & Partial Discharge Mitigation
- Electrical Insulation System Development
- Power Electronics Integration
- Electrical Failure Analysis & Troubleshooting
- Electrical Test & Validation Support
- Electrical Reliability Engineering

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Differentiators

- Specialized expertise in high-voltage aerospace electrical systems
- More than 25 years of high-voltage engineering experience
- Expertise in corona and partial discharge mitigation
- Independent engineering consulting for defense and advanced technology programs
- Focused on solving complex electrical reliability challenges.
- Agile small business able to adapt and respond quickly.
- Senior engineer with hands-on level engagement with real world experience from concept to end of life.
- Integrity & fortitude – We plan, we execute and we deliver.

NAICS Codes

541330 – Engineering Services

541715 – Research & Development in the Physical, Engineering & Life Sciences

541690 – Scientific & Technical Consulting

335999 – Miscellaneous Electrical Equipment & Component Manufacturing Support

541380 – Testing Laboratories Support

Applicable PSC Codes

R425 – Engineering & Technical Services

AC12 – Development Electrical / Electronic Equipment

5999 – Miscellaneous Electrical / Electronic Components

6145 – Wire & Cable Electrical

AJ11 – Engineering Analysis Electrical / Electronic Equipment

AJ12 – Development Electrical / Electronic Equipment

Company Data

Stennis Innovations LLC

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