



**HCH**  
Engineering Consultants, Inc.

# CAPABILITY STATEMENT



## GOVERNMENT POC

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## COMPANY INFORMATION

**HCH Engineering Consultants, Inc.**

📍 8233 SW 107<sup>th</sup> Ave Unit D Miami, FL 33173

✉ [info@hch-engineering.com](mailto:info@hch-engineering.com)

🌐 [www.hch-engineering.com](http://www.hch-engineering.com)

Established: 01/12/2017

EIN Number: 81-5034400

State of Incorporation: Florida

SBA Industry Standard Size: \$25,000,000

Primary NAICS Code: 562910

Business Type: Small

Socio-Economic Status: (Self Certified)

Hispanic-Owned Small Business

State of FL Certified Professional Engineer

[License # 82213](#)

Geographic Area Served: All South Florida counties: Dade, Broward, Monroe, Palm Beach, Martin, Collier, Hendry, Lee.

## CAPABILITIES NARRATIVE

HCH Engineering Consultants, Inc. is your trusted partner for enhancing the safety and efficiency of 25 Year and Older Buildings through our Recertification Safety Program. Our comprehensive services include Thermographic Electrical Inspections, Electrical System Inspections, Power System Analysis, Fire Protection, Arc Flash Analysis, Power Quality and Load Studies, Lighting Design, Photometric Studies, MEP Design, Electrical Equipment Testing, and expert Construction Administration.

With a focus on government, commercial, and residential projects, we have a proven track record in building inspections and MEP (Mechanical, Electrical, and Plumbing) system design. We remain up-to-date with national and state building codes, as well as local ordinances, ensuring compliance with specific occupancies. At HCH Engineering Consultants, Inc., we prioritize safety, efficiency, and compliance, delivering solutions that enhance the longevity and reliability of your building's electrical infrastructure.



# CORE COMPETENCIES

## GOVERNMENT, COMMERCIAL & RESIDENCIAL



### MECHANICAL:

- Air Conditioning Systems.
- Heating Systems.
- Ventilation and Exhaust Systems.
- Central Chilled Water Plants.
- Cooling Towers.
- Split Systems.
- Distribution Systems.
- Condensate Drain Water Collection.
- Hood Exhaust Systems.
- Smoke Evacuation and Control.
- Energy Management Systems.
- Energy Calculations.
- Heat Load Calculations.
- Variable Frequency Drives (VFD).
- Variable Volume Air Handling (VAV).



### ELECTRICAL SYSTEMS:

- Power Generation and Distribution Systems Design.
- Uninterruptible Power Supplies (UPS).
- EV Charging Stations.
- Site, Roadway, Sports, and Specialty Lighting Design.
- Life Safety and Emergency Lighting Systems.
- Lightning Protection.
- Power Quality Analysis.
- Short-Circuit and Protective Devices Coordination Studies.
- Automatic Fire Alarm and Detection Systems.
- Field Investigation of Existing Electrical Systems.
- Building Access, CCTV, and Security Systems



### PLUMBING:

- Sanitary and Storm Water Drainage Systems.
- Domestic Water (Cold and Hot) Systems.
- Hot Water and Steam Boilers.
- Sanitary and Sewer Collection.



### FIRE PROTECTION:

- Fire Pump Specifications.
- Sprinkler Heads Layout.
- Fire Suppression Systems.
- Hydraulic Calculations.
- Battery Calculations.



### FEASIBILITY AND COMPLIANCE:

- Feasibility and Electrical Load Studies.
- Code Compliance Design Reviews.



### BUILDING INSPECTIONS:

- 25/30/40 Year and older Building Recertification
- Milestone Inspections
- Thermographic Inspections
- Certification of Compliance



### INFRARED THERMAL IMAGING INSPECTIONS

- Unique combination of expertise: Certified Thermographers and Professional Engineering (P.E.) credentials.
- Comprehensive solution for building recertification.
- Single, trusted partner for the entire recertification journey.
- Simplification of the process for safety and code compliance.



### ADDITIONAL SERVICES:

- Construction Administration



## KEY DIFFERENTIATORS

- Revamp Safety in Older Buildings
- Professionally Licensed and Insured Engineering Services
- Expertise in Building Analysis
- Safety and Quality Standards
- Proven track record in building inspections and MEP system design.

## INDUSTRY CODES

### NAICS

- 562910 Remediation Services (PRIMARY)
- 561210 Facility Support Services
- 541350 Building Inspection Services
- 541620 Environmental Consulting Services
- 561720 Janitorial Services
- 561790 Other Services to Buildings and Dwellings
- 562998 All Other Miscellaneous Waste Management Services
- 236220 Commercial and Institutional Building Construction

### PSC

- M1QA Operation of Restoration of Real Property (Public or Private)
- Y1QA Construction of Restoration of Real Property (Public or Private)
- Z2QA Repair or Alteration of Restoration of Real Property (Public or Private)
- N045 Installation of Equipment- Plumbing, Heating, and Waste Disposal Equipment
- N099 Installation of Equipment- Miscellaneous
- B502 Special Studies / Analysis – Air Quality
- R428 Support – Professional: Industrial Hygienics
- R429 Support – Professional: Emergency Response, Disaster Planning, And Preparedness Support

## LICENSES AND CERTIFICATIONS



## CLIENTS

