

# FORCON INTERNATIONAL

**MARK R. CIPOLONE, P.E.**

## **EDUCATION**

Master of Science in Engineering Management - Drexel University  
Master of Science in Civil Engineering - Drexel University  
Bachelor of Science in Civil Engineering - Drexel University

## **REGISTRATIONS & CERTIFICATIONS**

Registered Professional Engineer

- California # 48198
- New Jersey # 24GE02294300
- New York # 064651-1
- Pennsylvania # PE024346E

## **PROFESSIONAL ASSOCIATIONS**

American Concrete Institute  
American Institute for Steel Construction  
National Society of Professional Engineers  
Tau Beta Pi Engineering Honor Fraternity

## **CAREER HISTORY**

### **FORCON International – Civil/Structural Engineer**

Providing litigation support and expert witness services based on over 45 years in engineering, design and construction of structural, architectural, and civil projects.

### **Civil/Structural Engineering Consulting Firm - Principal**

Providing engineering consulting services including but not limited to the following:

- Construction and insurance claims and disputes
  - Construction Defects
  - Wind Damage
  - Flood Damage
  - Slip, Trip and Fall Incidents
  - Building Code Issues
  - Water Infiltration
  - Scope of Repairs
  - Defective Design and Drawings
  - Engineering and Design Process
  - Civil and Structural Engineering
- Litigation Support
- Technical Graphics

### **Delaware Technical and Community College, Stanton, DE - Instructor**

Faculty member in the Architectural/Civil/CAD Engineering Technologies Department with emphasis in the following:

- Reinforced Concrete Design
- Structural Steel Design
- Statics
- Strength of Materials
- Building Materials and Systems
- Construction Drafting

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## **Hill International, Inc., Marlton, NJ - Project Director**

- Construction claims and disputes:
  - Engineering and Design Process
  - Defective design and drawings
  - Civil and Structural Engineering
  - Precast Concrete
  - Productivity Analysis
  - Cost Estimating
  - Technical Analysis
  - Expert Witness Testimony
  - Nuclear Power
- Project Management Oversight
- Schedule Analysis
- Litigation Support

## **Stone & Webster Engineering Corp., Cherry Hill, NJ - Principal Structural Engineer**

- Civil/structural engineering and design
- Seismic analysis
- Specifications
- Procurement
- Nuclear and fossil power plants

## **The Kuljian Corp., Philadelphia, PA Design Engineer**

- Civil/structural engineering and design
- Fossil power plants

## **Bohem Manufacturing Company, West Conshohocken, PA - Design Engineer**

- Design skylights and automatic smoke hatches
- Develop fabrication procedures

## **United Engineers and Constructors, Voorhees, NJ - Design Engineer**

- Engineering and design of nuclear power plants

## **Catalytic, Inc. - Philadelphia, PA - Civil Designer**

- Design of industrial sites including grading and underground piping