

Credentials

Professional Engineer

New Jersey Licence #28344

New York Licence # 48406

Education

Master of Science in Civil Engineering (Structural Engineering - Major)

University of Minnesota, 1966

Bachelor of Science in Civil Engineering

Osmania University, India, 1963

Continuing Education through programs offered by:

National Society of Professional Engineers

Precast Concrete Institute

American Society of Civil Engineers

American Concrete Institute

National Concrete Masonry Association

Post-tensioning Institute

CNA Insurance Companies

American Institute of Architects

Bruel & Kjaer Instruments, Inc. (Intermediate Vibrations)

Professional Service Positions

Commissioner, Architecture and Landscape Commission, Town of Clarkstown, NY.

Chairman, Architecture and Landscape Commission, Town of Clarkstown, 1994.

Seminars and Publications

“Design and Analysis of Pipe Supports in Nuclear Power Plants” at New York Power Authority, White Plains, NY.

Professional Associations

American Society of Civil Engineers - Member Post-Tensioning Institute

American Concrete Institute - Member

Concrete Reinforcing Steel Institute

National Concrete Masonry Association

Areas of Concentration

Civil Engineering
Structural design of buildings
Structural design of bridges
Earth retaining systems
Foundation systems
Lift slab systems
Tilt-up construction
Waterfront construction
Marine facilities
Expert witness
Structural failures
Methods of construction

Structural Engineering
On-site problem solving
Water proofing technique
Repair estimates
Construction materials
Construction costs
Construction defects
Construction documentation
Computer aided analysis
Computer aided design
Computer aided drafting systems
Computer aided specifications

Specific Experience & Interest

New York State Building Code
New York State Construction Code
The National Building Code
New Jersey Construction Code
Design of high-rise buildings
Design of school buildings
Structural steel design
Reinforced concrete design
Timber and wood structures
Aluminum and stainless steel designs
Retaining wall design
Shoring design
Renovations of buildings
Underpinning of foundations

Design of shopping centers
Design of hospitals
Masonry buildings
Earthquake effects on buildings
Power piping support design
Nuclear piping support design
Pile foundations
Deep excavations
Modular factory built schools
Modular residential units
Prestressed concrete buildings
Post-tensioned concrete buildings
Inspection of buildings
Inspection of bridges

Professional Experience

Institute for Products, Engineering and Construction **1995-Present**
 Consulting services for structural and civil engineering projects. Design and analysis of building types, foundation systems. Inspection of buildings for structural integrity.

Investigations for structural failures and methods of construction. Value engineering and quality assurance. Analyze design, bid and construction documents.

Consulting Engineer **1989-Present**
 President and CEO. Structural design of buildings, bridges and culverts of concrete, steel and timber. All types of foundations and renovations. Design of prestressed concrete and post-tensioned concrete buildings, offices, warehouses, hospitals, school buildings, parking structures and residential buildings. Inspection of commercial and residential buildings for structural integrity. Engineering management of projects, estimates, billing and collection.

M. G. McClaren, P.C.-Consulting Engineers **1985-1989**
 Associate in charge of all aspects of project design, structural drawings and inspections. Supervised engineers, draftspersons and CAD stations. Client relations and business development activities.

Nuclear Energy Services, Inc. **1984-1985**
Nuclear Power Services, Inc. **1979-1984**
 Supervising engineer, establish design criteria, design methods, fabrication and construction schedules. Supervised a team of 50 engineers, for design of nuclear pipe support systems.

Ebasco Services Inc. **1976-1979**
 Structural engineer responsible for the design of Nuclear pipe supports, turbine buildings and containment buildings of various nuclear facilities.

Raymond Technical Facilities, Inc. **1976-1976**
 Design of pile foundations, marine facilities, harbors, docks, loading and unloading facilities.

Stone and Webster Engineering Corporation **1975-1976**
 Design of structures for chemical process buildings, pipe rack design, equipment platform and foundation design.

Lockwood Green engineers **1974-1975**