

Credentials

Professional Engineer

New York #075998-1

Ohio #E-662489

Mechanical Engineer

Massachusetts # 42545

Certified Welding Inspector

American Welding Society #78112581

Provisional Assessor

Institute of Quality Assurance #A002518

Certified Engineering Technician

NICET #026615

Education

Bachelor of Science in Metallurgy

Polytechnic University, Brooklyn, NY

Professional Service Positions

Metallurgical Consultant to the National Aerospace and Defense Contractors Accreditation Program (NADCAP)

Vice Chairman of the AWS Committee on Mechanical Testing of Welds

Advisor AWS Committee on Aerospace Fusion Welding

Public Service Positions

Volunteer Fire Department Captain/Honorary Chief, Member since 1958

Seminars

Approximately 10 Seminars on Welding Inspection presented on behalf of: the American Welding Society, the American Bureau of Shipping, and Hellier Associates

Publications

With I. L. Stern, M. Wheatcroft, D. Y. Ku, W. Hanzalek, Evaluation of High Strength Steels Produced by Advanced Metallurgical Processes, NSRP No. 02623, Maritime Administration, September 1987

With I. L. Stern, M. Wheatcroft, D. Y. Ku and W. Hanzalek, High Strength Steels Produced by Advanced Metallurgical Processes, Journal of Ship Production, Vol. 4, No. 3.

Professional Associations

American Welding Society
Metallurgical Society
American Society of Professional Engineers
Society of Manufacturing Engineers
Society of Naval Architects and Marine Engineers

Areas of Concentration

Mechanical engineering	Machine design
Metallurgy	Construction
Machine shop practices	Mining
Welding	Shipbuilding
Heavy fabrication	Railroad
Quality control	Aerospace
Safety	Concrete industry
Failure analysis	Productivity

Specific Experience & Interest

Ladders & scaffolds	Welding metallurgy
Cranes & hoists	Machining means & methods
Chain & cable	Forensic laboratory analysis
Warnings, guarding & labels	Machine shop supervision
Construction equipment	Laboratory supervision
Portable power tools	Nondestructive testing
Grinders & abrasives	Industrial machines
Metal bending & shaping	Industrial practices & standards
Corrosion & cracking	Aerospace & marine welding
Hammers & striking implements	Welding fumes & gases
Fasteners	Underwater welding
Castings & forgings	Welding safety
Fires	Railroad & automotive welding
OSHA	Welding of aluminum, titanium & stainless
Ships	Welding processes & personnel qualification
Boilers	
Welded structures	

Professional Experience

35 years of experience covering a broad spectrum of engineering and management. Fabrication experience includes research as well as practical application. Industries included in experience are mining, aerospace, railroad equipment (locomotives), concrete (batch plants and machinery), building and bridge construction, and shipbuilding.

Institute for Products, Engineering and Construction **1995-Present**

Consulting forensic engineering services for attorneys and insurance companies. Services span the fields of construction, product liability and workplace liability. Specific focus on the disciplines of welding, metallurgy, mechanical engineering, machine design, workplace safety and industrial practices.

Robert F. Waite **1993 - Present**

Consultant in the field of welding metallurgy in a wide variety of environments.

A partial list of clients includes:

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|----------------------------------|-------------------------------------|
| Able Welding Co. | Materials Testing Laboratory |
| ABS Worldwide Technical Services | May Ship Repair |
| Accutech Services | Moran Towing |
| American Bureau of Shipping | New York Shipyard |
| American Welding Society | Performance Review Institute |
| Boston Ship Repair | Steimling and Son |
| Godfrey Propeller | Storex |
| Hellier Associates | Super Steel (Through Craft America) |
| Honeybee Robotics | |

New York City Technical College - Instructor **1999 to Present**

Adjunct Instructor in Mechanical Technology **& 1991-1994**

New York Shipyard - Welding Engineer **1991-1993**

Welding Engineer in charge of all welding in the shipyard.

American Bureau of Shipping - Senior Engineer **1977-1991**

Senior engineer in charge of Special Projects Section, Materials and Manufacturing Processes Department. Engineer in Charge of the Materials Laboratory (1977- 1989).