

Education

Bachelor of Science,
Engineering, University of
Washington, 1978

Master of Business
Administration, Economics,
Seattle University, 2005

Years of Experience

Total – 31 years

Professional Registrations

Mechanical Engineer -
California, Washington,
Oregon, Alaska,
Massachusetts

LEED® 2.0 Accredited
Professional

American Society of Mechanical
Engineers - Member, B31.1
(Power Piping) Section
Committee, 1993 - 2009

American Society of Heating,
Refrigeration and Air
Conditioning Engineers

National Society of Professional
Engineers

National Academy of Forensic
Engineers - Correspondent

Forensic Expert Witness
Association

Professional Qualifications

American Society of Mechanical
Engineers - Member, B31.1
(Power Piping) Section
Committee, 1993 - 2009

American Society of Heating,
Refrigeration and Air
Conditioning Engineers

National Society of Professional
Engineers

National Academy of Forensic
Engineers - Correspondent

Forensic Expert Witness
Association

Award: Silver award, American
Consulting Engineers Council
– Washington

William R. Broz, PE, LEED AP

California Operations Manager, Construction Claims Services

Mr. Broz has over 30 years experience in power plant operations, project management, design, and construction administration services. He has a strong background in estimating and controlling design costs for major capital projects including design-build projects in the \$50 million+ range. His project background includes work for municipal, aviation, military, industrial, and commercial clients. His public clients have included the City of Los Angeles, Los Angeles Unified School District, the U. S. Army Corps of Engineers, Sound Transit and the Port of Seattle. Mr. Broz has considerable experience designing systems for energy efficiency, including Leadership in Energy and Environmental Design (LEED®) projects up to Gold award levels. Mr. Broz is a LEED® 2.0 Accredited Professional, and is also experienced in facility life cycle costing. His experience also includes forensic investigations; developing expert reports, and providing testimony at deposition and trial.

PROJECT EXPERIENCE

Transportation

Massachusetts Highway Department, I-93 Central Artery, Steam and Condensate System Design - Boston, Massachusetts
Sound Transit, Station Design - Seattle, Washington

Airports

FAA, Seattle-Tacoma International Airport Terminal Radar Approach Control (TRACON) Facility - Seattle, Washington
FAA, Seattle-Tacoma International Air Traffic Control Tower (ATCT) and Base Building - Seattle, Washington
Alsım Alarko, Astana Airport Reconstruction, Hydrant Fueling System, Quality Assurance and Consulting Services - Astana, Republic of Kazakhstan
The Boeing Company, Aircraft Fuel Dock Modifications - Everett, Washington
Port of Seattle, Seattle-Tacoma International Airport, Combined Communication and Control Center (C4) - Seattle, Washington
Port of Seattle, Terminal 30, Cruise Ship Terminal Project - Seattle, Washington
Port of Seattle, Seattle-Tacoma International Airport, Emergency Generator Expansion Phase II - Seattle, Washington

Educational

University of Washington, McMahon Hall, Fire Sprinkler Upgrade - Seattle, Washington
University of Washington, Hagggett Hall, Fire Sprinkler Upgrade - Seattle, Washington

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Port Facilities

Port of Seattle, Terminal 91, Oil Pipeline, Forensic Investigation - Seattle, Washington

Municipal

King County Library System, Maple Valley Library - Maple Library, Washington

Correctional Facilities

County of Maricopa v. W.E. O'Neil Construction Professional Malpractice - Scottsdale, Arizona

Barnstable County Jail Boiler Failure Surety Investigation - Boston, Massachusetts

Housing

Kristin Sutton et al v. United States of America, Toxic Tort - Seattle, Washington

Lee v. Park, Casualty Case - Los Angeles, California

Bell v. Lozano, Property Dispute - Los Angeles, California

U.S. Army Corps of Engineers Anchorage District, Personnel Housing – Fort

Wainwright and Fort Richardson - Anchorage, Alaska

Power

VECO Alaska v. AEG&T - Anchorage, Alaska

NC Machinery, Kubaka Gold Mine Prime Power Plant - Magadan, Russia

Prime Power Generation Plant - Yuzhno-Sakhalinsk, Russia

U.S. Navy, Nuclear Power Plant Operations Supervisor

Water/Wastewater

City of Issaquah v. Roth Hill Engineering Partners, Professional Malpractice - Seattle, Washington

City of Auburn, Intertie Pump Station - Auburn, Washington

City of Auburn, Well No. 7, Deep Well Pump Station - Auburn, Washington

Manufacturing/Industrial

Pascale v. Bondex et al, Toxic Tort - Los Angeles, California

Pacific Circuits, Fire Case - Sammamish, Washington

Industrial Design Corporation, Pipe Stress Analysis, Fujitsu Fab 2 - Gresham, Oregon

Intel, D1B Wafer Plant, Pipe Support Loading, Field Investigation - Hillsboro, Oregon

Hewlett-Packard, Wafer Plant, Pipe Stress Analysis - Corvallis, Oregon

U.S. Oil and Refining Company, R-801 Inlet Piping, Pipe Stress Analysis - Tacoma, Washington

Primex, Vacuum Chamber Steam Plant, Concept Design - Auburn, Washington

Longview Fibre Company, No. 22 Recovery Furnace - Longview, Washington

Harbour Pointe Industrial Park, Tenant Improvements - Mukilteo, Washington

ARCADIS

Defense Fuel Supply, Point 24-inch Pipeline Repair - Mukilteo, Washington
Secondary Fiber Plant, Stone Container Corporation - Missoula, Montana
Puget Sound Energy, Air Liquid Air Separation Plant - Kent, Washington
General Motors (GM) Assembly Plant, Energy Audit - Lordstown, Ohio
Ketchikan Pulp Company, Boiler Feedwater System, Pipe Stress Analysis - Ketchikan, Alaska
Ketchikan Pulp Company, No. 6 Fuel Oil Tank and Transfer System - Ketchikan, Alaska
Ketchikan Pulp Company, Lake Perseverence (sic) Siphon - Ketchikan, Alaska

Other

U.S. Navy, Naval Surface Warfare Center, Mark 41 Vertical Launching System, Lifecycle Cost Analysis - Port Heuneme, California
U.S. Navy, Naval Ordnance Center, Pacific Division, Container Crane Feasibility Analysis - Port Hadlock, Washington
Whatcom County v. KMD Architects et al, Professional Malpractice - Seattle, Washington
Western National Assurance Company v. Lugo Construction, Inc. - Seattle, Washington