



DAVID G. FITCH

EDUCATION, TRAINING, LICENSES and PROFESSIONAL AFFILIATIONS:

B.S., Marine Engineering, Maine Maritime Academy, Castine, Maine; 1974

U.S. Coast Guard Merchant Marine Licenses:

First Assistant Engineer of Steam Vessels, Any Horsepower

Third Assistant Engineer of Motor Vessels, Any Horsepower

Other Licenses:

Stationary Boiler Operator, First Class; Maine

Waste Management Facility Operators Certification; Class IV; Virginia

American Society of Mechanical Engineers Qualified Resource Recovery Facility Operator (QRO), Provisional Certification

Betz Boiler Operator Training/Steam Turbine Seminar; Power Plant

Fundamentals; ChemTreat Operator Training; Bearing Seminar

UNIQUE OR SPECIAL QUALIFICATIONS:

Mr. Fitch is a technical consultant and researcher currently supporting legal teams responding to asbestos and other toxic tort litigation. His primary responsibilities are to locate and analyze U.S. Navy and merchant ship design, development, construction, maintenance and repair records and plans.

Mr. Fitch has over thirty years experience in maintaining and operating shipboard systems, coal-fueled power plants and waste-to-energy recycling/co-generating facilities. He has fifteen years experience as a licensed shipboard engineer supervising the operation and maintenance of steam propulsion systems. Knowledgeable in all shipboard engineering and maintenance responsibilities, Mr. Fitch has been a troubleshooter for high pressure steam, fuel oil, natural gas, coal fired boilers and steam turbines.

His hands-on experience includes the operation and maintenance of the following equipment:

- Boiler/Steam Generator Systems; Cleaver-Brooks, Riley Stoker Sectional Header, Foster-Wheeler "D" Type, Babcock and Wilcox "D" Type, and Zurn Single Drum Bent Tube.
- Boiler Equipment Expertise; Safety valves, Drew, Betz and Bull, and Roberts water treatment systems and protocols.
- Auxiliary Machinery and Systems; Feed water systems, heat exchangers, turbines, condensers, main propulsion units, evaporators, pumps of various types, and fuel systems.
- Power Plant Control Systems; Forney, General Regulator, Bailey Net 90, Hagen, Capital Chlorine Injection, Aqua Tech Water System, Belco Electrostatic Precipitators, and Flakt emissions controls.

WORK HISTORY

McCaffery & Associates, Inc.

September 2003 to present

Current Position Title: Researcher / Analyst

Mr. Fitch leads a team of former naval and maritime officers who research naval and maritime ship design, construction, maintenance and repair records in support of asbestos litigation. The majority of this work is conducted at the National Archives and Records Administration, the Library of Congress, the Department of Transportation Historical Office or other libraries throughout the Washington, D.C. area. Research is also conducted at National Archive sites throughout the country. Researchers work not only with original correspondence files, but with microfilm, original ship plans, still and motion pictures. This multi-media approach provides clients with the widest possible range of options for evidence and testimony in each case.

MWI Services, Inc.

September 2001 to September 2003

Position Title: Senior Researcher

Mr. Fitch led a team of current and former naval and maritime officers who researched naval and maritime ship design, construction, maintenance and repair records in support of asbestos litigation. The majority of this work was conducted at the National Archives and Records Administration or other libraries throughout the Washington, D.C. area. Research was also conducted at National Archive sites throughout the country.

Stevens Construction, Inc.

1998 to 2001

Position Title: Construction Supervisor

Mr. Fitch supervised residential and commercial building construction.

Ogden Martin Systems of Fairfax, Inc.

1990 to 1998

Position Title: Shift Supervisor

Mr. Fitch supervised a six-man crew, including operation, maintenance and repair for four 750-ton municipal supplemental waste boilers, two 80-megawatt/hour steam turbine generators, baghouse and dry scrubber for emissions controls. Maintained equipment, including Strongco screw conveyors. Filled in for the Chief Operating Engineer during his absences from the facility. Chairman of Plant Safety Committee. Supervised, coordinated and scheduled contractor work for plant repairs.

Texaco Marine Service, Inc.**1987 to 1989****Position Title:** Shipboard Operating Engineer

Served as the Second and Third Assistant Engineer on board petroleum product tanker vessels. As Third Assistant Engineer, Mr. Fitch was responsible for the operation and maintenance of the lubrication oil system, including purifiers; generators; emergency diesel; and electrical system. The Third Assistant Engineer also fills in for the Second and First Assistant Engineers. Ensured compliance with U.S. Coast Guard requirements.

Cianbro Corporation, Inc.**1986 to 1987****Position Title:** Field Engineer

Responsible for extensive system overhaul and testing, including fuel change to burn #6 fuel oil and pulverized coal burners for four boilers, two of which were rated at 50,000 pounds per hour (pph), one at 55,000 pph, and one at 120,000 pph. Provided Quality Control review of submissions and material for contract compliance, testing and inspection.

Gulf Refining and Marketing Company, Inc.**1978 to 1986****Position Title:** Shipboard Operating Engineer

Served as the Second and Third Assistant Engineer on board petroleum product tanker vessels. As Third Assistant Engineer, Mr. Fitch was responsible for the operation and maintenance of the lubrication oil system, including purifiers; generators; emergency diesel; and electrical system. The Third Assistant Engineer also fills in for the Second and First Assistant Engineers. As Second Assistant Engineer, Mr. Fitch was responsible for the operation and maintenance of the boilers, including boiler chemistry and the evaporation (fresh water distillation) system. In both these positions, he ensured compliance with U.S. Coast Guard requirements.

CF Industries**1976 to 1978**

Served as 3rd Motor Assistant Engineer, 7200 HP diesel-powered vessel self-unloading phosphate barge ITB (Integrated Tug and Barge). Responsible for the operation and maintenance of the lubrication oil system, including purifiers, generators and electrical systems.

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Sun Oil Transport, Inc.

1974 to 1978

Position Title: Shipboard Operating Engineer

Served as the Second and Third Assistant Engineer on board petroleum product tanker vessels. As Third Assistant Engineer, Mr. Fitch was responsible for the operation and maintenance of the lubrication oil system, including purifiers; generators; emergency diesel; and electrical system. The Third Assistant Engineer also fills in for the Second and First Assistant Engineers. As Second Assistant Engineer, Mr. Fitch was responsible for the operation and maintenance of the boilers, including boiler chemistry and the evaporation (fresh water distillation) system. In both these positions, he ensured compliance with U.S. Coast Guard requirements.

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