

VIRGIL A. VIERNES JR.

GOV. MSG. NO. 518

EMPLOYMENT HISTORY

COUNTY OF MAUI, DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

SOLID WASTE DIVISION

AUGUST 2015 TO APRIL 2021

COMPLIANCE SPECIALIST

Oversee the multiple operational permits of 5 active and 4 in-active landfill sites throughout the County of Maui. Main component of responsibilities was the proper operation and maintenance of the Gas Collection and Control system, which included a flare and numerous associated complex components and parts. As part of the Engineering Section provided operational input, review design and specifications for Capital Improvement and oversee contracts for large repairs.

WASTEWATER RECLAMATION DIVISION

MAY 2008 TO AUGUST 2015

WASTEWATER TREATMENT OPERATIONS MANAGER

Oversee the supervision of the operation and maintenance of 5 wastewater treatment facilities under the ownership of the County of Maui. Responsibilities include supervision of facility management staff, development of facility performance reports, personnel evaluations, review and confirmation of compliance reporting data for all 5 plants sent to the State of Hawaii Department of Health, annual budget projections for the division, scheduling of major equipment and infrastructure repairs, rehabilitation and upgrades and provision of training for operational staff to ensure compliance and manpower sustainability.

MAY 2006 TO MAY 2008

**WASTEWATER TREATMENT PLANT SUPERVISOR,
LAHAINA WASTEWATER RECLAMATION FACILITY**

As plant supervisor, responsibilities included overseeing the daily operations and maintenance of the 9 MGD Grade IV activated sludge wastewater reclamation facility. Staff supervision included 16 operations, maintenance and instrumentation staff. Duties included compliance with operation permits requirements issued by the State of Hawaii Department of Health and Department of Environmental Protection Agency, supervision of deep well injection sites and water reuse facilities for golf course irrigation, and responsibility for weekly, monthly and yearly reporting.

MAY 2002 TO MAY 2006

ASSISTANT WASTEWATER TREATMENT PLANT OPERATOR

Assistant Wastewater Treatment Plant Operator as part of a 16 member team to properly and appropriately operate and maintain a Grade IV water reclamation facility. Major duties include observations and record keeping of process laboratory and associated equipment, repair and replacement of infrastructure, equipment and components of these equipment and machinery.

PURAL WATER SPECIALTIES/AQUA ENGINEERS

SEPT 2006 TO PRESENT

WWTP OPERATOR -

**HALE MAHAOLU EHA
HAWAII NATURE CENTER
MOLOKAI RANCH (3)
ATC MAKENA**

NOVEMBER 2019 TO PRESENT

JULY 2019 TO PRESENT

Provide services to ensure a small wastewater treatment facility is in compliance with all operational permits and requirements. Duties include observation of all equipment and its components, repair and replacement of equipment and its components and perform process laboratory record keeping.

U.S. NAVY – SAN DIEGO

AUG 1990 TO SEPT 1994

NUCLEAR PROPULSION PLANT MECHANICAL OPERATOR

Enlisted into the Surface Ship Nuclear Propulsion Plant Mechanical Operator Training Program. Major duties included the basic attainment of knowledge in the field of Nuclear Engineering and propulsion, mechanical maintenance and repair and the tools required, and more importantly the proper operation of nuclear fission, reactor principles and safety precautions and policies.

Immediately after Naval Basic Training, attended Machinist's "A" School to learn the basic theories and practices of a mechanical repairman including air conditioning, desalination, associated metal work, piping and valves and associated tools and their uses. Upon completion of "A" School, attended the Naval Nuclear Power School. This school consisted of 24 weeks of detailed education in chemistry, metallurgy, reactor principles, mathematics and physics.

After successful completion, attended Naval Nuclear Prototype Training. This additional 24 week training course utilized the previous school education into a hands on approach on an actual nuclear propulsion plant while under the strict observation and instruction of certified operators, supervisors and managers.

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Upon certification and commission as a mechanical operator, assigned to a surface combatant ship and became a lead mechanical operator for one of two nuclear propulsion plants, where major responsibility was the proper operation and maintenance of the forward reactor propulsion plant.

EDUCATION AND TRAINING

AUG 1999 TO MAY 2001

UNIVERSITY OF HAWAII, MANOA

KINESIOLOGY AND LEISURE SCIENCE: Earned sixty five credit hours intended for a Bachelors of Science degree with the emphasis of Athletic Training. Along with the required formal academic classroom sessions, performed on-the-job training through the internship program at the Mililani High School, Wai'anae High School and University of Hawaii athletic programs.

MAUI COMMUNITY COLLEGE

ASSOCIATES of ARTS Degree: General education with eighty four (84) credit hours. Completed program to earn two year degree to transfer to the University of Hawaii, Manoa.

AUG 1990 TO SEPT 1994

UNITED STATES NAVY

NUCLEAR POWER PROPULSION: Earned the Naval Enlisted Code of a Surface Ship Nuclear Propulsion Plant Mechanical Operator. Formal educational program operated by the U.S. Navy to educate and train the four different specialties (Mechanical Operator, Electrical Operator, Electronic Operator and Propulsion Plant Officer) needed to safely operate a nuclear reactor propulsion plant.

ACCOMPLISHMENTS

State of Hawaii Department of Health
Board of Certification of Wastewater Treatment Plant Operators
July 2010 to Present

Certified Grade IV Wastewater Treatment Plant Operator, November 2006
State of Hawaii

REFERENCES