

OBJECTIVE

A member of the Board of Certification of Public Water System Operators utilizing a diverse background in mechanical engineering, environmental engineering, procurement, and manufacturing.

EXPERIENCE

ENGINEER

October 2007 – Present

State of Hawaii, Department of Health, Environmental Management Division, Safe Drinking Water Branch, Honolulu, HI
Administer the drinking water treatment plant operator certification program.
Recommend to the Board of Certification of Public Water System Operators the certification or rescinding of certification of operators, the approval of Continuing Education Units, and any regulation or procedure changes.
Provide technical assistance in response to operator's requests.
Member of the Board of Certification of Public Water System Operators

PROCUREMENT & SUPPLY SPECIALIST

November 2006 – October 2007

State of Hawaii, Department of Health, Administrative Services Office, Honolulu, HI
Managed and maintained the property inventory program & the vehicle inventory and registration program of the department.
Served as Hawaii Electronic Procurement System (HePS) System Administrator, implementing the program for the department.
Served as departmental Purchasing Card (pCard) Administrator, developing policy and advising cardholders.
Maintained the procurement system of the department, advising programs of policy in compliance with procurement regulations.
Supervised a group of 16 procurement, vouchering & payroll clerks.

PRINCIPAL PRODUCT ENGINEER

May 2000 – September 2001

Kaiser Electronics, Product Engineering Department, San Jose, CA
Lead 3 major development programs in the areas of manufacturing, quality, and procurement engineering from conceptual design to product shipment.
Develop manufacturing instructions: sequence of events, for each sub-assembly and end item for use by the manufacturing floor.
Perform quality monitoring of all programmatic issues.
Manage the parts selection activities of electrical components with electrical design engineers.
Performed procurement engineering duties described below for optical and mechanical components.
Technical Group Leader of a group of 6 manufacturing, procurement and components engineers.

COMMODITY MANAGER

May 1999 - May 2000

Kaiser Electronics, Material/Procurement Department, San Jose, CA
Coordinated supplier selection activities with concurrent engineering teams.
Negotiated technical specifications and contracts.
Managed both technical and contractual issues for optical & mechanical major subcontracts.
Planned and managed the timely delivery of all required parts on development programs to meet contractual dates of the customer in accordance with the current MRP.

PRINCIPAL PROCUREMENT ENGINEER

April 1993 - May 1999

Kaiser Electronics, Procurement Engineering Department, San Jose, CA
Managed major subcontracts including injection molding, optical assemblies, mechanical products, quick disconnect cables, and backplanes to perform within cost, quality & delivery constraints.
Interfaced as the technical liaison between suppliers and internal design engineering from specification development to product shipment to customer.
Represented injection molding, machining, casting, diamond turning, optical coating & lens fabrication suppliers with knowledge of expertise & capabilities during concurrent engineering.
Interfaced with Program Management & Operations to provide for the needs of the customer.
Lead Commodity Teams in the mechanical & optical areas.
Lead all mechanical, optical and electrical procurement engineers as the Project Leader on three development programs.
Coordinated overall supplier certification activities to manage the supply base including policy development, training, commodity team orientation, and business review coordination.

MECHANICAL DESIGN ENGINEER

July 1989 - April 1993

Kaiser Electronics, Mechanical Design Department, San Jose, CA
Supported qualification testing by trouble shooting and re-designing for failures during vibration, gun-fire, shock, humidity, salt fog, rain, & temperature/altitude testing.
Wrote technical reports for Qualification & Thermal Verification.
Performed Finite Element Analyses on printed wiring boards to ensure thermal integrity of heatsinks.
Performed thermal analyses to ensure overall box performance.
Performed modal analyses to determine failure criteria at various modes during vibration.

EDUCATION

UCLA, B.S. Mechanical Engineering, [REDACTED]