

Resume of:

Jhon W. David

7916 Golden Warbler St.
N. Las Vegas, NV 89044
(701) 802-0389

Summary

Extensive experience as an Engineer, Consulting Engineer, Field Service Engineer, Designer and Draftsman. The various industries served include automotive, chemical, petro-chemical, food, iron & steel, rubber, water, waste water and U.S. Department of Defense.

Expertise

Have held a DOE "Q" security clearance and a DOD "Top Secret" clearance twice. Familiar with Richardson's R.E.S., A.I.CH.E. Hazop studies, OSHA 1910 & ISO 9000. Trained on and are familiar with many DCS Systems, single loop controllers, PLC's, field instrumentation and computers. Have the experience to "hit the ground running" and pass knowledge on to younger people. Taught drafting for 5 years at Medina Joint Vocational School.

Supervised

Engineers, Designers, Draftsmen, Programmers, and construction people in the areas of process controls, instrumentation, piping and mechanical systems.

Responsibilities

Extensive field trouble shooting, design, installation, testing, start-up and calibration of process control systems.

Experience

Southern Highlands Las Vegas, NV 2006-Present **Architectural Design Coordinator**

In new home construction, communicates with owners and builders to instruct them as to our interpretation of their drawings. Created a 12 step system of inspection for each new property at various stages of building starting with pre-construction & foundation check through landscape and project completion. This to insure the contractors follow the Southern Highlands Design Criteria, the Clark County and Nevada State Building Codes. Created and maintained the library system to file and retrieve all architectural drawings and color boards for all custom homes. Has a vote in 3 Architectural review committees and is involved in revising 2 Design Criteria.

DCS Consulting Medina, OH 1998-2005 **Consultant**

As a Consultant, responsibilities included extensive field trouble shooting, design, installation, testing, start-up and calibration of process control systems in client locations in Ohio, Michigan, Alabama, West Virginia, New Hampshire and Singapore.

Chemstress Consultant Company Akron, OH 1992-1998 **Sr. Design Engineer**

Goodyear Tire & Rubber Co. Design of hose blow-out station controlled by an A-B SLC-500 with a C-H Panel Mate MMI. Assembled complete bid package for electrical demolition of Akron Tech Center. **Field Instrument Engineer** for Uniroyal Chemical and BF Goodrich Chemical field survey and drew P&IDs and loop diagrams.

Chevron USA Richmond, CA 1991-1992 **Construction Superintendent for Process Controls**

Responsible for installation and start-up for 168 tanks and pumps for a lubrication plant.

Experience (continued)

HWH Technical Services, Inc. Cleveland, OH 1988-1990 **Lead Instrument Engineer**
For a TIO₂ & MMA plants for E. I. Dupont. Responsible for producing a complete bid package for instrumentation and controls for the Oxidation Section of the DeLille, MS TIO₂ plant. A \$10,000,000.00 Instrument package. **Resident Corporate Mechanical Engineer** South Pacific Tyres Melbourne, Australia Taught Sheddon-Pacific how to work with SPT as HWH works with Goodyear, using Goodyear's standards and practices. Laid out new MRT plant and designed new controls and valve packages for presses to eliminate down time caused by controls.

TRW/Argotech Cleveland, OH 1986-1987 **Product Engineering Specialist** Responsible for Mechanical, Electrical and Controls for the Navy's MK 48 ADCAP torpedo engine test cell, including a \$1,100,000.00 controls package. Designed, Engineered, built and tested the cell. Ran 23 tests, all in 12 months losing only one engine. We were supplied a pressure pod for the engine, a wet plate dynamometer, exhaust valve and a 9,000 PSI pump by Gould Ocean Systems, but no instructions.

Instrument Systems for Industry Medina, OH 1982-1986 **President** Responsible for all technical functions including hiring, training and supervision of office and field personnel. With a maximum of 9 employees we did engineering, design, installation, calibration and start-up of process control systems for new facilities and revamps of existing installations.

Tricil Resources, Ltd. Akron, OH 1982-1982 **Plant Instrument Engineer** Oversaw installation of new electronic control system. Redesigned & rebuilt the existing pneumatic control system as a backup for the new system controlling three 450 HP, 650 PSIG boilers and the garbage to steam power plant.

HWH Technical Services, Inc. Cleveland, OH 1980-1982 **Project Coordinator** Piping and Controls

Chemstress Consultant Company Akron, OH 1973-1980 **Sr. Design Engineer** Calgon's Activated Carbon Plant. Survey of services & recommendations. Firestone Chemical in Addis, LA. Designed, installed, tested & started up 350 analog control loops in six months. Water seal on gas holder, removed two complicated control loops % replaced with a u-tube trap & float type make-up valve.

Skills and Accomplishments

Instrumentation, Systems and Automation Society Senior member, Akron, OH member and past officer. 20 years experience in the Process and machine controls handling management and technical duties in both office and field environments.

1966 Submittal to ISA which became the international standard for loop drawings.

1974 The first computerized database for instrumentation equipment.

Organizations

Instrumentation, Systems & Automation Society

U. S. Jaycees

Boy Scouts of America

Education**Cleveland State University** Cleveland, OH**Fenn College of Engineering**

Mechanical Engineering, 4 years (135 hours)

Additional Courses:

Drafting and Design Training Program – A. G. McKee & Co.

Instrumentation I, II and III – Fenn College

Electrical Circuitry – Ashland College

Electronics – DC – I.S.A.

Electronics – AC – Cleveland Engineering Society

Fluidic Controls – Corning/ Toledo, OH

Hydraulic Controls – Askania Controls

Pneumatic Controls – Kent State University

Heat Transfer – Voss Finn Tube

Burner Design – North American Manufacturing

Burner Controls – Babcock & Wilcox

Automate PLC Controls – Reliance Electric

PLC-3 Controls – Allen-Bradley

Professional Engineer's Refresher Course – Akron University

Auto-Cad 14 – Medina County Career Center