

# David E. Claeson

24311 Cataluna Circle  
Mission Viejo, CA 92691

(949) 462-9795  
[dclaeson@cox.net](mailto:dclaeson@cox.net)

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## SUMMARY

Department and Project Management	Application and database development
IT Administration	Piping and equipment design
CAD administration (Pro/Engineer, Pro/Intralink, AutoCAD)	Product safety and regulatory compliance

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## EXPERIENCE

**Akrion, Inc.** (1994 - 2008)  
1241 East Dyer Road, Santa Ana, CA 92705

### IT and Engineering Support Manager

Manage IT and engineering department support services, including Document Control, reprographics, MIS/PC support, AutoCAD and Pro/Engineer services.

Manage domestic (i.e. S2, UL) and foreign (i.e. CE marking) product safety and regulatory compliance programs for division product lines. Coordinated test laboratories with in-house personnel to provide safety evaluations and certifications. Developed compliance strategies and generated self-certification and test procedures.

Act as project manager for transfer of technology between business units.

Manage Engineering and Document Control preparation for migration to Oracle by participating as Engineering representative on migration team, evaluating optimum migration strategy, preparing MRP and engineering data for migration, developing procedures and training personnel.

Administered the Change Control Board and guided the Board in its approval process, including monitoring and analyzing changes and their impact on inventory, suppliers and customers.

Chaired the "Best Known Methods" committee after consolidation of two business units in order to identify and implement the best operating methods from each unit into the consolidated organization.

Managed parts demand and production of new product line; including document control, purchasing and planning utilizing Material Requirements Planning (MRP) software.

Managed \$1M Pro/Engineer and \$250k reprographics equipment implementation projects.

Doubled Document Control throughput and eliminated data entry errors by reorganizing for "batch" processing of documentation and authoring electronic "CAD to MRP" data transfer software.

Provided real-time, intranet and Internet access to Engineering documentation and eliminated a full time filing position by authoring and maintaining automated data storage and retrieval system (software and hardware).

Developed and implemented automated process to compile and distribute documentation to outsource manufacturers and suppliers

Reduced lead-times for product manuals, training classes and the procurement quoting process by 90% by authoring software to automate drawing set compilation.

Compiled, validated and reported labor for engineering, process and R&D departments.

**Wahlco, Inc.** (1988 - 1994)  
3600 West Segerstrom Avenue, Santa Ana, CA 92704

**CAD Coordinator**

Coordinated AutoCAD use for mechanical and electrical engineering departments. Performed extensive AutoLISP and BASIC programming to increase efficiency of department tasks.

Acted as in-house computer expert. Was directly responsible for engineering department computers and acted as a consultant for the corporate MIS department.

Designed and generated drawings, including facilities layouts, equipment general arrangements and piping and instrumentation diagrams. Performed FEA and designed pipe support systems. Eliminated the manual data compilation portion of FEA analysis (4-8 hours per analysis) by authoring software to automate generation of consolidated output table.

**Western Energy Engineer, Inc.** (1985 - 1988)  
3158 Redhill, Costa Mesa, CA 92626

**Design Coordinator**

Implemented and developed the AutoCAD design/drafting system. Authored AutoLISP and Basic programs to simplify the design effort and increase the efficiency of the design group.

Performed installation, maintenance, troubleshooting and repair of IBM PC and compatible computer hardware and software.

Coordinated the CAD/manual design effort of all disciplines in order to assure the efficient use of manual and CAD resources and the completion of quality design documents on time.

**Fluor Engineers, Inc.** (1980 - 1985)  
3333 Michelson Dr., Irvine, CA 92730

**Piping Designer**

Produced and checked stress and preliminary material takeoff sketches, above and below ground piping layouts, isometrics and arrangement drawings. Completed extensive model work.

Field assignment responsibilities included taking accurate field measurements; and layout, drafting and checking for refinery upgrades at the Texaco Oil Company refinery in Wilmington, CA.

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**EDUCATION**

<u>Akrion, Inc.</u>	Manager's Harassment and Discrimination Training - 2007
<u>SCP Global Technologies, Inc.</u>	Export Compliance Training Program - 2007
<u>Employers Group</u>	Certificate in Supervision and Management - 2003
<u>O.S.T.S., Inc.</u>	Hazardous Materials Technician Level Training Per CCR Title 8 Section 5192(q) & CFR 1910.120 - 2000, 2001
	Hazardous Waste Operations Training Per CCR Title 8 Section 5192(e) & CFR 1910.120 - 2000, 2001
<u>New Horizons Computer Learning Center</u>	Microsoft Official Certification courses Programming in MS Visual Basic 4.0 (#404) - 1997
	Introduction to Programming Windows Using Visual Basic (#403) - 1996
<u>Data-Tech Institute, Clifton, NJ</u>	Troubleshooting and Maintaining the IBM PC and Compatibles - 1988
<u>CAD Counsel (AutoCAD Authorized Training Center)</u>	Basic CAD - 1985
<u>Fluor Engineers, Inc.</u>	Design Engineering Technology Program - Basic Piping Training - 1980
<u>University of Illinois</u>	1977-1979

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**ASSOCIATIONS**

Treasurer	- Local Tax Exempt Corporation with \$450k yearly cash flow – 2002-present
Webmaster	- Santa Margarita Gun Club, Oceanside, CA – 2008
Vice-Chairman	- SEMI International Regulatory Compliance Committee - 1998