



Curriculum Vita

NAME:	LESLIE E. MOLDENHAUER, P.E. Lead Electrical Engineer 911 Marfell Street Erie, Colorado 80516
EDUCATION & COURSE WORK:	Course work, Civil and Construction Engineering, 1979 University of Nebraska, Omaha, Nebraska Bachelor of Science, Electrical Engineering, 1975 University of Kansas, Lawrence, Kansas United States Navy Electronic Technician School, 1970 Treasure Island, California Mediation Certification program, 40 hour course conducted by Collaborative Growth, LLC, Marcia Hughes, James Terrell and Ed Ramey, JD., General Services Administration, 1996; served as a volunteer mediator with the City of Longmont Community Outreach Group for two years.
MILITARY EXPERIENCE:	United States Navy, Commissioned Officer/Enlisted Electronics Technician R-Division Officer, Damage Control Assistant, Electrical Officer Electronics Technician: Repairing communication and test equipment
PROFESSIONAL REGISTRATION:	Registered professional engineer in the States of Arizona, California, Colorado, Nebraska and Wyoming
PROFESSIONAL AFFILIATIONS & CERTIFICATIONS:	<ul style="list-style-type: none">• ETA KAPPA NU Honorary Electrical Engineering Fraternity• Institute of Electrical and Electronic Engineers• National Fire Protection Association• International Association of Electrical Inspectors
BACKGROUND & EXPERIENCE:	<p><i>Consulting Engineer, Moldenhauer Engineering, Johnstown, Colorado.</i> Provided engineering consulting/design services to owners, architects and contractors in the areas of electrical distribution, lighting, motor control, fire alarm systems, fire protection systems, energy management systems, security systems, HVAC systems, plumbing systems, energy audits and forensic investigations. Responsibilities included marketing of engineering services to existing and prospective clients.</p> <p><i>Consulting Engineer, LEMA LLC, Johnstown, Colorado.</i> Provided engineering consulting/design services to owners, architects and contractors in the areas of electrical distribution, lighting, motor control, fire alarm systems, fire protection systems, energy management systems, security systems, HVAC systems, plumbing systems, energy audits and forensic investigations. Responsibilities included marketing of engineering services to existing and prospective clients.</p>

Project Manager, Electrical Engineer, The RMH Group, Loveland, Colorado. Provide electrical engineering consulting/design services to owners, architects and contractors in the areas of electrical distribution, lighting, motor control, fire alarm systems, energy management systems, and security systems.

Senior Electrical Engineer, The Schemmer Associates Inc., Greenwood Village, Colorado. Provided electrical engineering consulting/design services to owners, architects and contractors in the areas of electrical distribution, lighting, motor control, fire alarm systems, fire protection systems, energy management systems, and security systems. Provide quality assurance and coordination reviews electrical and mechanical engineering on projects designed both in house and from outside sources.

Project Manager, Electrical Engineer, United States General Services Administration, Denver, Colorado. Served as a project manager and Contracting Officer's Technical Representative for the procurement and contract administration of Government contracts for design and construction services from private vendors. Prepared detailed cost estimates, performed contract negotiations, and performed field observations and inspections. Provided in-house engineering design services in the areas of electrical distribution, lighting, motor control, fire alarm systems, fire protection systems, energy management systems, security systems, HVAC systems, plumbing systems, energy audits and forensic investigations.

Consulting Engineer, Moldenhauer Engineering Services Inc., Johnstown, Colorado. Provided engineering consulting/design services to owners, architects and contractors in the areas of electrical distribution, lighting, motor control, fire alarm systems, fire protection systems, energy management systems, security systems, HVAC systems, plumbing systems, energy audits and forensic investigations. Responsibilities included marketing of engineering services to existing and prospective clients.

Adjunct Faculty, Engineering Department, University of Wyoming, Laramie, Wyoming. Taught electrical distribution, lighting, and control sections of the Building Systems course.

Department Head, Banner Associates, Inc., Laramie, Wyoming. Designed electrical distribution, lighting, motor control, instrumentation and control, telemetry, security and surveillance, cogeneration, fire protection and energy management systems. Served as project manager for projects involving electrical and mechanical engineering services to local clients and to the branch offices. Performed construction progress inspections for the electrical and mechanical disciplines. Provided engineering services to commercial, industrial, utility, institutional, and government agencies. Projects included schools, dormitories, laboratories, classrooms, hospitals, water treatment plants, airport lighting, prisons and a jail/communication center.

Project Manager, Bartlett & West Engineers, Inc., Topeka, Kansas. Provided consulting engineering services in the areas of electrical and mechanical engineering and construction/project management for engineering services that included the design of electrical distribution, lighting, motor control, security and surveillance, HVAC, plumbing, and fire protection. The engineering design

services were provided for commercial, industrial, utility, institutional and governmental agencies. Projects included multi-story buildings, water and wastewater treatment facilities, and underground storage design. Managed projects, marketed services, and supervised project engineers, draft persons and technicians. Provided forensic engineering services in fire investigations.

Senior Lead Startup Engineer and President, LEMA Corporation, Topeka, Kansas. Subcontracted engineering services to the Wolf Creek and River Bend nuclear generating plants. Reviewed design criteria for completeness and adherence to mandated criteria. Wrote performance test procedures and reviewed test results for compliance with the FSAR. Wrote test procedures and monitored the operation of the diesel generators, essential water service, primary cold hydro, CVCS, safety injection and ESFAS systems. Served as alternate systems group supervisor for a portion of BOP, supervising 20 start-up engineers and approving construction changes and maintenance work orders. During the hot functional test, provided technical support and resolution of problems along with coordination to the HFT Test Director, system engineers, contractors and various vendor entities.

COURT & DEPOSITION EXPERIENCE:

Court Testimony, *The People of the State of Colorado v. James Thomas*, District Court, Weld County, Greeley, Colorado, Case No. 02CR863, December 18, 2003.

Deposition Testimony, *Gonzales Construction v. The United States General Services Administration*, Denver Federal District Court, Denver, Colorado, Case No. 96-799C & 98-118C, 1998.

Deposition Testimony, *Olathe Lanes v. Hartford Insurance Company*, Johnson County District Court, Olathe, Kansas, 1989.

Deposition Testimony, *Arkansas City Lumber Company v. USFG Insurance Company*, Cowley County District Court, Winfield, Kansas, 1989.

Deposition Testimony, *Mildred Kritt v. Dillon Companies, Inc.*, District Court, City and County of Denver, Colorado, Case No. 03CV7309, Courtroom 8, July 2004.

PROFESSIONAL COURSES & SEMINARS:

- Understanding NFPA 70E and Arc Flash Hazards, Lewellyn Technology, Denver, Colorado, January 2010
- NFPA 72 National Fire Alarm Code, presented by Richard Roux PE of NFPA, Las Vegas, NV, February 2007
- NFPA Hazardous Location Identification presented by NFPA, Denver, CO, December 2006.
- NFPA 72 2007 Code Changes, presented by Larry Wentzle of NFPA, Denver, CO, December 2006.
- Fire Alarm Detection and Code Highlights, presented by System Sensor, Denver, CO, July 2005.
- 2005 National Electrical Code Analysis of Changes, presented by Rocky Mountain International Association of Electrical Inspectors, Greeley, Colorado, May 2005
- Cooper Power Systems Transformer Workshop Seminar, presented by Cooper Power Systems, Golden, Colorado, June 2004

- Safety Training for Entry into Low Voltage Electrical Equipment, presented by Sturgeon Electric, Denver, Colorado, October 2003
- The Parallel Power Generation Seminar, presented by Generac Power Systems, Inc., Denver, Colorado, May 2003
- Colorado Renewable Energy Conference, presented by Colorado Renewable Energy Society, Colorado Springs, Colorado, June 2002
- The Designing and Specifying Emergency Power Systems Seminar, presented by Generac Power Systems, Inc., Denver, Colorado, July 2002
- Grounding Practice Seminar, presented by R. O. Associates and LEA, Denver, Colorado, April 2002
- Onyx Series Fire Alarm Seminar, presented by Notifier, Denver, Colorado, July 2001
- Diesel Generator and Generator Excitation Seminars, presented by Basler, Denver, Colorado, June 2000
- Protective Relaying Systems Seminar, presented by Basler, Denver, Colorado, June 2000
- Power Quality Seminar, presented by Dranetz BMI, Denver, Colorado, August 1999 Ludington and Associates Health and Safety Consultants, October 2001
- OSHA Industry and Construction Site Safety Course, presented by Ludington & Associates Health and Safety Consultants, Loveland, Colorado, October 2001