



Leo Herrmann's

FIREPLACE AND CHIMNEY SERVICE INC.

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Lehighton, PA 18235
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LeoHerrmann.com

**CURRICULUM VITAE
&
PROFESSIONAL REFERENCES
FOR
LEO R. HERRMANN**

**A Professional Chimney Sweep and
Fireplace Inspector Specializing in**

Damage Consulting

Fire Loss Investigation

On-Site Inspections

Litigation Support/Expert Witness

Analysis of Solid Fuel, Gas, And Pellet Appliance

Installation and Operational Deficiency

Industry Standards Application

Chimney Repair, Sweeping and Relining

Chimney/Venting Construction

Pre-Requisite/Resale Fireplace and Chimney Inspections

Customer Service/Customer Relations

BUSINESS TITLE

Owner/President/Inspector

11/3/2012 – Present

Leo Herrmann's Fireplace and Chimney Services, Inc.
Post Office Box 538
Lehighton, Pennsylvania 18235

WORK EXPERIENCE

General Manager/Sales & Installation Design

7/1/2009 – 12/29/2012

E&E Chimney Sweeps and
E&E Stove and Fireplace Center
96 Trenton Road
Fairless Hills, Pennsylvania 19030

Inspector/Consultant

9/1/2002 – 12/29/2012

E&E Inspection and Consulting Services
96 Trenton Road
Fairless Hills, Pennsylvania 19030

Foreman/Inspector/Installer

5/1/1985 – 7/1/2012

E&E Chimney Sweeps and Stoves
96 Trenton Road
Fairless Hills, Pennsylvania 19030

Inspector/Consultant

1992 – 1994

All County Chimney Evaluators
Fairless Hills, Pennsylvania 19030

This business was one of the first specialized service pre-requisite/resale chimney evaluation companies in existence. Clients were provided with condition reports, recommendations on repairs and available services. No repairs were performed. This was strictly an evaluation and consulting company.

Foreman/Mason

1992 – 2005

Four Season Masonry
402 River Road
Tullytown, Pennsylvania 19054

Four Seasons was a full-service masonry contractor performing residential and light commercial masonry construction, including chimneys and fireplaces, brick and stone veneer, concrete construction, and stucco.

EDUCATION

Pennsbury High School

705 Hood Boulevard
Fairless Hills, Pennsylvania 19030

Graduated 1985

CERTIFICATIONS

Certified Chimney Sweep

Chimney Safety Institute of America
16021 Industrial Drive Suite 8
Gaithersburg, MD 20877
(301) 963-6900

7/1986 – Present

Certified Chimney Sweep #1748

F.I.R.E. Certified Inspector

Fireplace Investigation, Research and Education
5325 Commerce Avenue #5
Moorpark, California 93021
(805) 552-9954

4/2002 – Present

Certified Fireplace Inspector #FP-043

NFI Certified MHP-Master Hearth Professional

N.F.I. National Fireplace Institute
1901 North Moore Street, Suite 600
Arlington, Virginia 22209
(703) 524-8030

2/2006 – Present

Gas, Pellet & Wood Specialist Certification #150205

NAFI Certified Fire and Explosion Investigator

National Association of Fire Investigators
857 Tallevast Road
Sarasota, Florida 34243
(877) 506-NAFI

7/2015 – Present

Certified Fire Investigator #18678-11655

INDUSTRY-RELATED TRAINING

Advanced Fire, Arson, & Explosion Investigation Training Program

July 27-30, 2015

National Association of Fire Investigators
857 Tallevast Road
Sarasota, Florida 34243

Certification Received – Certified Fire & Explosion Investigator (CFEI)

F.I.R.E. Advanced Certified Expert Witness Class

July 2004

Fireplace Investigation, Research and Education
5325 Commerce Avenue #5
Moorpark, CA 93021
(805) 552-9954

Certification #FP-043

Fireplace Investigation, Research and Education (F.I.R.E.)

April 2002

5325 Commerce Avenue #5
Moorpark, California 93021
Instructor: Dale Feb

Training Included:

- Inspection of prefabricated and masonry chimneys and fireplaces utilizing:
 - The National Fire Prevention Association's (NFPA) 211 Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances
 - Chapter 11 Inspections (Currently Chapter 14) Levels of Inspection detailing Scope, Access and Circumstances for Chimney Inspection
- Utilizing Codes and Standards regarding:
 - Sizing and design of fireplaces
 - Clearances of solid fuel appliances and chimneys
 - Fire stopping and shaft enclosure construction
- Applying knowledge and systematic methodology for diagnostics of:
 - Performance related issues
 - Failures of Prefabricated, pre-cast concrete and cast-in-place fireplaces
 - Evaluating area of origin, fire investigation
 - Inspection and troubleshooting flue lining
- Utilizing basic fire science

Certifications received: Levels I, II, and III

Hearth Expert

2012

Hearth and Home Technologies
Lakeville, Minnesota 55044

Hearth and Home Technologies is the manufacturer of numerous brands of fireplaces and hearth appliances. This Inspector has taken and obtained all manufacturer's training required to sell, service and install hearth products manufactured by Hearth and Home Technologies prior to 12/29/2012.

Certified Commercial Installer

February 1993

Ahrens Chimney Technique
Sioux Falls, South Dakota

Five-day course on industrial/commercial chimney sizing and relining installation of slip-form thermal concrete type linings and OSHA safety training Instructed by Monte Lutz.

Certified Installer

June 1990

Ahrens Chimney Technique
Sioux Falls, South Dakota

Five-day course on sizing and installation of slip-form thermal concrete lining and relining. Instructed by Monte Lutz.

Certified Installer

January 1989

National Supaflo
Walton, New York

Five-day course on slip-form type thermal concrete lining and relining. Instructed by Wayne Hubbard.

Certified Installer

January 1987

National Supaflo
Walton, New York

Five-day course on fireplace and chimney relining and sizing with slurry-type thermal concrete, cast-in-place chimney linings. Instructed by Wayne Hubbard.

National Chimney Sweep Guild and HPBA Trade Shows

Attended various Continuous Education Unit presentations at conventions in: Hershey, Pennsylvania; Scranton, Pennsylvania; Lancaster, Pennsylvania; Philadelphia, Pennsylvania; and Salt Lake City, Utah between 1985 and 2012.

Gas Venting of Residential Heating Equipment

October 1989

NFPA 54 Sizing, testing and installation of gas vents for residential equipment. Instructed by Dennis Dowd and Martin van Adelsberg.

CAREER SUMMARY

Industry Experience

May 1985 – Present

My years of experience are “hands-on experience” in nearly every aspect of the fireplace and chimney industry. Throughout my career, I have considered myself a professional chimney sweep. I worked my way up to the general manager position of a full-service chimney sweeping, masonry, construction, repairs, and retail fireplace and stove company. In recent years, I guided this firm to multiple years of award-winning service with steady growth. My job duties included selling, installing, servicing, and trouble-shooting wood, gas, pellet, and coal burning appliances. I have designed, restored, installed and built masonry chimneys and fireplaces. In addition to my experiences with masonry structures, I serviced and installed thousands of prefabricated chimneys and fireplaces. I have personally installed thousands of UL Listed stainless steel lining systems and cast-in-place lining systems for solid fuels, oil and gas appliances. A large amount of my experience was working with and inspecting oil burning and gas burning equipment chimneys. One entire year of my working career was at Fort Dix Army Base, New Jersey installing and designing commercial/industrial Category II gas venting during the bases renovations prior to 9/11.

I personally performed thousands of Level I and II Chimney Inspections in accordance with NFPA 211 Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances. The inspections were performed while designing installations for our company’s installation crews and myself. Resale chimney inspections are required in several Lower Bucks County Municipalities for occupancy permits. The necessity for the inspections has provided me access to thousands of homes for resale inspections. I was inspecting chimneys for NFPA 211 compliance for many years prior to the addition of the Inspection Chapter introduced in the NFPA 211’s 2000 edition. Through my career, I personally performed over 40,000 chimney sweeping services, inspections, and appliance pre-installation inspections.

I have been assigned to assist in hundreds of structure fire investigations in a total of 20 different states. My company specializes fireplace and chimney related forensic investigation consultations. While assisting cause and origin investigators, insurance carriers, law firms, and local government officials, I have reconstructed hundreds of fire-damaged structures. During the course of this work, I have developed skills providing litigation support for attorneys and working with other industry experts. I utilize my hands-on experience as an installer and knowledge of components as an installation designer to assist in forensic investigations. My background provides valuable information regarding mechanical installation and construction sequence. This “hands-on” experience is vital for identifying if a necessary part or component is missing, improperly built or installed, serviced or inspected.

AFFILIATIONS

Technical Committee 12/2016 to Present
NFPA 211 Standard for Fireplaces, Chimneys, Vents, and Solid Fuel Burning Appliances

Technical Committee 12/2016 to Present
NFPA 31 Standard for the Installation of Oil-Burning Equipment

ASTM Member 11/2017 to Present
ASTM International Committee E06 on Performance of Buildings

Board of Directors 1/2012 to 11/2012
Mid-Atlantic Hearth, Patio & Barbecue Association (MAHPBA)

