

Leo Herrmann Fireplace and Chimney Services Inc.

Expert Forensic, Consulting, and Specialty Services

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

Leo Herrmann Fireplace and Chimney Services Inc.

Last updated 9-13

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BUSINESS TITLE

Owner/President/Inspector

Leo Herrmann Fireplace and Chimney Services Inc. 11-3-12- current

PO Box 55

Fairless Hills Pa. 19030

WORK EXPERIENCE

General Manager/Sales & Installation Design

E&E Chimney Sweeps and

E&E Stove and Fireplace Center 7/1/09 – 12/29/12

Forman/Inspector/Installer

5/1/85 – 7/1/12

E&E Chimney Sweeps and Stoves

96 Trenton Road

Fairless Hills, PA 19030

Inspector/Consultant

9/1/02- 12/29/12

E&E Inspection and Consulting Services

96 Trenton Road

Fairless Hills, PA 19030

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Inspector/ Consultant

All County Chimney Evaluators

1992-1994

Fairless Hills, PA

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.

Forman/Mason

Four Seasons Masonry

1992-2005

402 River Road

Tullytown Pa. 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

1985 Graduated

Hood Boulevard

Fairless Hills, PA 19030

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CERTIFICATIONS

Certified Chimney Sweep

7/1986-Current

Chimney Safety Institute of America

16021 Industrial Drive Suite 8

Gaithersburg, MD 20877 Phone (301) 963-6900

Certified Chimney Sweep **#1748**

F.I.R.E. Certified Inspector

4/2002-Current

Fireplace Investigation, Research and Education

5325 Commerce Avenue #5

Moorpark, CA 93021 Phone (805) 552-9954

Certified Fireplace Inspector **#FP-043**

F.I.R.E. Advanced-Expert Witness Certification

7/2004

Fireplace Investigation, Research and Education

5325 Commerce Avenue #5

Moorpark, CA 93021 Phone (805) 552-9954

Certification **#FP-043**

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CERTIFICATIONS-continued

NFI Certified MHP-Master Hearth Professional

2/2006-Current

N.F.I. National Fireplace Institute

1901 North Moore Street, Suite 600

Arlington, VA 22209 Phone (703) 524-8030

Gas, Pellet, Wood Specialist

Certification #150205

INDUSTRY RELATED TRAINING

National Supa Flu, Walton, New York

Certified Installer January 1987

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

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National Supa Flu, Walton, New York

Certified Installer June 1989

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

Ahrens Chimney Technique, Sioux Falls, SD

Certified Installer June 1990

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

Monte Lutz, Instructor

Ahrens Chimney Technique, Sioux Falls, SD

Certified Commercial Installer February 1993

Five-day course on industrial/commercial chimney sizing and relining installation of slip-form

Thermal concrete type linings and OSHA safety training.

Monte Lutz, Instructor

Hearth and Home Technologies, Lakeville, MN 55044

Hearth Expert 2012

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 12/29/12.

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National Chimney Sweep Guild and HPBA Trade Shows

Various Continuous Education Unit presentations at conventions in: Hershey Pa., Scranton Pa., Lancaster Pa., Philadelphia, PA and Salt Lake City Utah between 1985 and 2012

Gas venting of residential heating equipment

NFPA 54 Sizing, testing and installation of gas vents for residential equipment

Instructors: Dennis Dowd and Martin van Adelsberg

October 1989

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

April 2002

Moorpark, CA Dale Feb, Instructor

Training Included:

Inspection of prefabricated and masonry chimneys and fireplaces utilizing:

THE NFPA (National Fire Prevention Associations) 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

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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 linings

Utilizing:

- *Basic fire science

Certifications received, Levels I, II, and III

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Career Summary

Industry Experience

May 1985- September 2013

My years of experience are “hands on experience” in nearly every aspect of the fireplace and chimney industry. Throughout my career I’ve 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 troubleshooting wood burning, gas fireplace, 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 worked servicing and installing 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 911.

I personally performed thousands of NFPA 211 Standard’s Levels I and II Chimney Inspections while designing installations for myself and other crews. Resale chimney inspections were and still are required in several Lower Bucks County Municipalities for occupancy permits since the late 1980’s. I was inspecting chimneys for NFPA 211 compliance well before the addition of the Inspection Chapter introduced in the NFPA 211’s 2000 edition. Through my career I personally performed over 40,000 chimney services, inspections and appliance pre-installation inspections.

I have been assigned to assist in hundreds of structure fire investigations as an industry expert working with cause and origin investigators, insurance carriers, law firms and local government officials. 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 part is missing, failed, inspected or improperly built contributing to the loss.

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AFFILIATIONS

Mid-Atlantic Hearth, Patio & Barbecue Association (MAHPBA), Board of Directors 1/12 to 11/12



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