WHY INSIST ON A “F.I.R.E. CERTIFIED” INSPECTOR?

• Advanced Inspection Training
• Continuing Education Requirements
• Fire Prevention & Investigation

The F.I.R.E. Certification program is the most advanced education program within the hearth industry. The goal for all F.I.R.E. Certified Inspectors is to prevent property damage and personal injury. It is our intent to reduce the number of structure fires that result in millions of dollars of property loss and personal injury every year. These losses and injuries can be reduced with an accurate evaluation by a qualified F.I.R.E. Certified Fireplace & Chimney Inspector.

All F.I.R.E. Certified Inspectors have successfully completed three advanced educational courses. To stay on top of the ever-changing products, standards and building codes, they are required to recertify every three years and are required to attend additional education programs. This recertification and continuing education allows the F.I.R.E. Certified Inspector to focus on your system with greater accuracy. This professional approach reflects their dedication to the hearth industry and the welfare of their clients. If you want true results contact a F.I.R.E.Certified Inspector.

Tri-State Chimney Sweeps was established in 1986 and is owned and operated by Paul D. Bogdonoff. We are located in Winchester, NH and service New Hampshire, Western Massachusetts and Southern Vermont.

Paul Bogdonoff is a professional Fireplace, Chimney & Venting Specialist who has personally performed over a thousand Level II fireplace inspections. He holds a NFI Certified Gas and Wood Specialist certification, a F.I.R.E. Certified Fireplace & Chimney Inspector and has been a CSIA certified sweep for over twenty years. Feel free to contact Paul for your inspection, installation or restoration needs.

LICENSURES – MEMBERSHIPS - AFFILIATIONS

F.I.R.E. Certified fireplace Inspector, No.044
CSIA Chimney Safety Institute of America,Certified Chimney Sweep, No. 2948
NFI – National Fireplace Certified Gas & Wood Specialist, No.143781
Massachusetts HI Contractor Tr No. 125777
Vermont Fire Protection Division - NFPA 1 Sec 1-16. Certification No.T4-47
OSHA – US Dept of Labor - Construction Safety & Health - No. 001388694
Member of the National Chimney Sweep Guild - Massachusetts Chimney Sweep Guild - New Hampshire Chimney Sweep Guild - Vermont Chimney Sweep Guild
NFPA - National Fire Protection Association

HELPFUL WEBSITES:

f-i-r-e-service.com - Fire Investigation & Education Service

nfpa.org - National Fire protection Association

ncsg.org - National Chimney Sweep Guild
TIME IS NOT YOUR FRIEND WHEN IT COMES TO FIRE.

It is a privilege to work in this industry. Many people have the same concern, fire safety. This is a job I take very seriously - all customers depend on contractors to know what is right. When you hire Tri-State Chimney Sweepe you are hiring a company that is committed to educating the public on fire safety.

**What is pyrolysis?** When wood is heated, contained moisture evaporates to form steam. As moisture evaporation occurs, heat is absorbed instead of given off during this stage. As temperatures rise, the chemical structure of the wood molecules begins to break down, and hydrocarbons begin to vaporize. Pyrolysis produces a complex mixture of hydrocarbons in the form of liquid tar droplets and combustible gases. Wood combustion is a complex physical-chemical process during which hydrogen and carbon in the fuel are chemically combined with oxygen to form combustion products and to release heat. Once air and fuel are present, heat must be applied to initiate the combustion process. The continued presence of sufficiently high temperatures results in self-sustained combustion.

**Video inspection** is the best way to evaluate the interior condition of a flue within your chimney. The presence of glazed and expanded creosote may be an implication of chimney fire activity. The identification of a hidden breach behind a combustible wall can be a life-saving discovery. Damaged flue tiles can render a chimney unsafe and should be documented and reported to the homeowner for insurance claims. The inspection process is based on NFPA 211, The National Fire Protection Association Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances. A Level I inspection is utilized when verification of the suitability of the chimney or flue for continued service, under the same conditions and with the same or similar appliance or appliances, is needed. A Level II inspection is indicated when verification of the suitability of the chimney for new or changed conditions of service is needed or when a Level I inspection is not sufficient to determine the serviceability of the chimney. A Level III inspection shall be utilized for concealed areas (caps, crowns, interior chimney wall, etc.) requiring special tools. A Level III inspection shall be required only for those areas suspected of malfunction or damage that cannot be properly evaluated by a Level I or Level II inspection.

We specialize in the following areas:
- ChimScan™ Video inspection
- Insurance report and documentation
- Home buyer chimney inspection
- Sweeping - Fireplaces, woodstoves, gas appliances, oil/gas furnace flues
- Wood, coal, gas and pellet installations
- Custom Cap installation

**Chimney Restoration:**
- Rebuilds - Brick and Stone
- Crown Saver™ applications
- Chimney Saver™ weatherproofing
- HomeSaver™ stainless steel relining
- Commercial Restoration

**Fireplace Restoration:**
- Heatilator Firebox removal
- Rumford firebox designs
- Priorfire firebox designs
- Smoke chamber flow problems
- Damper repair and replacement

**Internal damage viewed with ChimScan**

**Typical Level II Evaluation Report**

**Creosote**

Creosote can take on many different forms. It can be black or brown in appearance. It is also be crusty and flaky, tar-like, drippy and sticky and hardened. Often, all forms will occur in one chimney system. Whatever form it takes, creosote is highly combustible.

Tri-State Chimney Sweepe is well aware of the risks taken when burning with wood. We also have extensive experience with oil and gas appliances and venting systems. Oil flue damage and deadly carbon monoxide emissions can result from years of neglected maintenance.

It takes intelligence to solve problems. It takes a genius to prevent them.

Albert Einstein

**Despite two decades of public education about proper chimney maintenance and safety, destructive chimney fires still occur. More than 40,000 were recorded in 1991 alone.**