



*High demand brings return engagement of*

## **Investigating Residential Dryer Fires**

*An in-lab program for fire investigators, engineers and subrogation specialists.*

**One session only! Sign up now – Class size is limited to 48 participants.**

**June 12-13, 2018**

Optional testing toward CFI certification available (16 hours)  
along with continuing education credits (1.2 CEUs).

Intended to provide you with in-depth learning about residential clothes dryer fires, this *Fire Findings'* seminar makes a return engagement in Spring 2018 due to high demand. Classes fill quickly, so enroll soon.

*Fire Findings'* experts, who have conducted extensive testing and examined more than 1,000 dryers, discuss how gas and electric dryers differ, the relationship of components and the importance of the timer, limits, thermostats and centrifugal switches. They'll also review dryer cycles, gas-burner safety features, air movement through a dryer, anticipated failure modes and case studies.

### **Other topics include:**

- Identifying a dryer manufacturer after the appliance is completely burned
- Lint, its makeup, source and role
- "It's a lint fire." Is there subrogation? And what else, besides lint, can cause dryer fires?
- Which manufacturers make what brands
- Where various components are located on different manufacturers' dryers
- How those components work, how they can fail and what happens then
- The importance of user interviews – what to ask
- Why the last load's composition can be important
- High resistance connections and glowing connections
- Electrical arcing in a dryer
- The role of plastics in dryer fires
- Dryer sheets and their effect on dryer operations
- Differences and similarities between gas and electric dryers

- The effects of load contamination
- Spontaneous combustion issues
- Installation issues
- Dryer instructions and warnings, including some inadequate ones.

### **In addition, you'll:**

- Watch several dryers burn and see numerous dryers disassembled to examine their differences.
- Explore the numerous ways a dryer can have a fire, as well as what role lint plays. We'll look at many dryer fire cases, their determinations and what makes them useful for studies.
- Learn more about venting: Do fires occur in vents? What does a blocked vent really do? What are venting requirements? And, what decreases vent efficiency and may lead to fires?
- Take home useful information about interviewing dryer users, dryer fire-scene checklists, manufacturer identification details and dryer exam guides.

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"Investigating Residential Dryer Fires" will be held on-site at Fire Findings Laboratories testing facility, 2026 Plaza Drive, Benton Harbor, Michigan, 49022.

*Just 40 minutes from South Bend (Indiana) or Kalamazoo (Michigan) airports and 2 hours from Chicago airports. St. Joseph/Benton Harbor is located along the southern shores of Lake Michigan — a gorgeous area to visit – and home of the 2018 Senior PGA Championship.*

Tuition is **\$750** per person for the two-day session.

### **Who should attend?**

- ✓ In-the-field fire investigators
- ✓ Fire and police department investigators
- ✓ Insurance subrogation specialists and engineers responsible for dryer examinations.

This class will provide in-depth knowledge for investigators, subrogation specialists and others who need to better understand how residential gas and electric dryers work, fail and cause fires, as well as assist them in avoiding litigation pitfalls.

### **Why attend?**

“Investigating Residential Dryer Fires” will include demonstrations of fire-causing failures in a laboratory setting.

The seminar will broaden your understanding of dryer fires and help you establish the causes of these commonly occurring fires.

## **Background**

“Investigating Residential Dryer Fires” is a highly focused educational experience revolving around the know-how of dryer fire experts, background information obtained from *Fire Findings*’ extensive testing, interviews conducted and examinations of more than 1,000 dryers. Participants will also share their considerable experience with one another.

Dryer fires are all-too-common events and lint doesn’t cause all of them. We’ve created this very specialized class to share knowledge that can help other investigators pinpoint the many causes of dryer fires.

You’ll have the opportunity to see a lot of dryers in a lab setting where you can thoroughly explore their potential for fire causation. We hope the knowledge you gain will be the equivalent to many burned dryer exams.

Your \$750 tuition also includes handouts and worksheets. Optional test credits toward CFI certification are also available, along with continuing education credits.

Our most recent session filled very quickly. *Register soon and mark June 12-13, 2018 on your calendar now.*

## **About your instructors**

*Fire Findings*’ founder, **Jack L. Sanderson**, is an appliance failures’ expert and certified fire investigator (CFI). He’ll address the differences in various manufacturers’ residential dryers, how they can lead to different types of fires and why some appliances are more fire-prone than others. He’ll also discuss airflow dynamics and techniques for examining dryers.

*Fire Findings*’ electrical expert, **Nathan P. Dwyer**, PE, CFI, specializes in electrical fire investigation and fire-involved appliance analysis. He has been a speaker at various IAAI conferences and is an excellent presenter who makes difficult subjects understandable. He’ll explain potential dryer failures that can lead to fires.

**Ross E. Ott**, PE, CFI, is *Fire Findings*’ mechanical expert. He joins Jack and Nathan and will continue the discussion of straightforward explanations of potential failure modes of dryers, what to look for after a fire and potential questions to ask dryer users.

Jack, Nathan and Ross will incorporate many physical examples into their presentations and conduct live, in-the-classroom demonstrations, as well.

## **Settle in and make yourself at home**

Both days start with a deluxe continental breakfast at 8 a.m. and include snacks and sodas anytime. Lunch provided the second day. Sessions start at 8:30 a.m. and end at 4:30 p.m. both days. Testing and presentation of certificates conclude the session.

## Easy Registration for 'Residential Dryer Fires'

One session only: June 12-13, 2018



**Fax**

*your completed enrollment and credit card or government voucher number to 269-925-2204.*



**Phone**

*for information and openings, 269-925-2200.*

On-line registration at [firefindings.com](http://firefindings.com).



**Mail**

*this completed enrollment to:  
Fire Findings LLC  
2026 Plaza Drive  
Benton Harbor, MI 49022-2212.*

### Who will attend?

Name \_\_\_\_\_

Title \_\_\_\_\_

Organization \_\_\_\_\_

Street \_\_\_\_\_

City/State/ZIP \_\_\_\_\_

Ph \_\_\_\_\_ FAX \_\_\_\_\_ E-mail \_\_\_\_\_

Years of experience in fire investigation \_\_\_\_\_

Number of hours of origin/cause investigation classes \_\_\_\_\_

Brief description of your present career responsibilities \_\_\_\_\_

### How do you prefer to pay your tuition?

☐ Check enclosed ☐ Government voucher or purchase order enclosed

*Please make payable to Fire Findings, L.L.C. (Fed ID # is 38-3282454)*

☐ Bill my credit card (check one) ☐ MasterCard ☐ Visa ☐ Discover ☐ AmEx

Card # \_\_\_\_\_ Code \_\_\_\_\_ Exp. date \_\_\_\_\_  
(security code)

Cardholder name (please print) \_\_\_\_\_

Cardholder signature \_\_\_\_\_

### Hurry! The dryer fires class is limited to the first 48 registrants.

For more information and seminar openings, call us at (269) 925-2200, e-mail [info@firefindings.com](mailto:info@firefindings.com) or fax (269) 925-2204. **\*\*Note:** Please check seminar availability before making hotel, auto or flight arrangements.

### Special lodging rates are available.

Call the Comfort Suites, Stevensville, Michigan, (269) 428-4888, for a special rate of \$84 per night for queen or king suites. All rooms come with microwave ovens and refrigerators. Enjoy hot breakfast buffet, also fitness center and spa / indoor pool. This is a "first-come, first-serve" special rate, so make your reservations early. To get this rate, mention Fire Findings when making a reservation.

For a free visitor information packet and area maps, call the Southwestern Michigan Tourist Council at (269) 925-6301.

### What you get

Your \$750 tuition to the 2018 *Fire Findings'* seminar, "Investigating Residential Dryer Fires," includes:

- ✓ 2 days of intensive, in-lab, hands-on instruction from top experts in the field
- ✓ Live demonstrations
- ✓ Useful handouts, including worksheets for interviewing dryer users, checklists for conducting lab exams and tips for identifying manufacturers
- ✓ Deluxe continental breakfasts both days; snacks and sodas anytime and lunch the second day
- ✓ Answers to your questions about investigating dryer fires
- ✓ A certificate recognizing your participation
- ✓ Optional CFI testing and CEUs available.