

**Seminar Series** presentations are considered a supplement to firefighter and Fire Officer classes offered by the Connecticut Fire Academy. Classes provided by the Connecticut Fire Academy comply with NFPA standards and best practices of the fire service. Seminar Series are also based on these standards and practices but can and often do include opinions of the subject matter experts that are delivering the presentation. Attending any number of the Seminar Series will allow the student to, not only add to their existing training; but also encourage the student to choose from the opinions of different speakers to develop their own style of strategies and tactics at emergency scenes, as well as inspire them to acquire more knowledge on fire service subjects.



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Hartford, CT  
06101

## Upcoming Seminar Speakers for 2013, you won't want to miss.

**Making Yourself Hard to Kill**  
Maj. Jason Brezler, USMC & FDNY  
Friday, August 23, 2013

**Are We Making a Difference?**  
Asst. Chief James Crawford, SC Rescue  
Friday, October 18, 2013

**Officer Development**  
Dep. Chief Frank Viscuso, NJ Fire Dept  
Friday, December 13, 2013

**2013 Instructor Development Seminar**  
**12 Essential Elements of a Successful Training Program**  
Chief Jake Rhoades, OK Fire Dept., Saturday, May 11, 2013

[www.ct.gov/cfpc](http://www.ct.gov/cfpc)

Department of Emergency Services and Public Protection  
Commission on Fire Prevention and Control  
Connecticut Fire Academy

34 Perimeter Road  
Windsor Locks, CT 06096-1069  
860-627-6363, In-State Toll Free: 877-528-3473, Fax: 860-654-1889



# Photovoltaic Safety for Firefighters



Photo courtesy Matthew Paiss

2013 Seminar Series • Photovoltaic Safety for Firefighters

# Friday June 7, 2013

## Photovoltaic (PV) Safety for Firefighters

This seminar is designed for firefighters, incident commanders, and code officials to provide the tools to safely operate around a Solar Electric (Photovoltaic or PV) System. With voltages up to 1000 VDC, the key is knowing what is safe to touch or not touch. Students will walk away with an understanding of the individual components, fundamentals of operation, and where the hazards exist within a PV system. Several case studies of fires involving PV systems will be discussed, as well as developments in national safety codes & standards.



Photo courtesy Matthew Paiss



### Instructor Biography - Captain Matthew Paiss San Jose California Fire Dept.

Fire Captain Matthew Paiss is a 16 year veteran of the San Jose California Fire Department. He began his education in solar technology in 1982 while working for ARCO Solar. He spent 5 years as a field service engineer in the semiconductor industry prior to entering the fire service. Matthew has AS Degrees in Solar Energy Technology and Fire Science. He teaches



# Student Application Form

A separate application is required for each course.

Please print/type and mail/fax with payment to:

**CFPC**  
**34 Perimeter Road,**  
**Windsor Locks, CT 06096-1069**  
**Fax number: (860) 654-1889**

Last Name \_\_\_\_\_ First \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 City \_\_\_\_\_  
 State \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone (Home) \_\_\_\_\_  
 Work \_\_\_\_\_  
 Cell \_\_\_\_\_ Pager \_\_\_\_\_  
 Fire Dept./Organization \_\_\_\_\_  
 Email \_\_\_\_\_

Check box if you would like to subscribe your email address to the CFPC listserv.

Are you 18 years of age or older?  Yes  No  
 (No one under 18 is allowed to participate in hands-on programs)

#### Returned Check Policy

A \$25.00 fee will be assessed to all returned checks (insufficient funds, stop payment, etc). In order to complete your registration after the receipt of a returned check, you must submit cash, money order, or a bank check including the amount of tuition and the returned check fee to the registrar.

PV Safety for fire departments nationwide, is an FDIC instructor, and has lectured in Europe on Fire and PV Safety. In addition to teaching, Captain Paiss serves on UL Standards Technical Panels 1703 & 1741, and has written for Fire Engineering and Home Power magazines.

Please insert your ID number below:

**ID Number** \_ \_ \_ - \_ \_ \_ \_

Your ID consists of the first (3) letters of your last name and the last (4) numbers of your social security number.

**Example: John Adams - SS# 000-00-5555**  
**The new ID # will be ADA-5555**

As Chief of the **(Fire Department):** \_\_\_\_\_

or as Supervisor of the **(Organization):** \_\_\_\_\_

**Print Name:** \_\_\_\_\_

I hereby authorize the above applicant to participate in the program below and, therefore, understand that the above-named individual will be covered by my organization's Worker's Compensation Insurance while participating in such training, and that the Commission on Fire Prevention and Control, its commissioners, officers, agents or employees shall not be liable for any injuries sustained during such training. This applicant is considered by my department's standards to be physically and emotionally fit to perform firefighting evolutions without special considerations, and where applicable, to meet the 29 CFR 1910.134 standard for the use of respirators (Self-Contained Breathing Apparatus).

Chief or Supervisor **(Signature):** \_\_\_\_\_

No application will be accepted without tuition, authorized signature and proof of prerequisite (if required).

Register me for the following course:

Course Title **Photovoltaic Safety for Firefighters**

Course # **13237**

Date **Friday, June 7, 2013** Tuition **\$55.00**

**Method of Payment - Payment is required at time of registration. Do not send cash.**

**Faxes must include Credit Card or Purchase Order #.**

Check made payable to **CFPC**

Purchase Order # \_\_\_\_\_

VISA or MC Card # \_\_\_\_\_

Expiration Date: \_\_\_\_\_

Card Holder's Name: \_\_\_\_\_

Card Holder's Signature: \_\_\_\_\_