



**NFRC Approved Calculation Entity (ACE)
 One Day Training Session
 November 11, 2010, 12:00 pm PST – 6:00 pm PST
 Hilton San Francisco, Financial District; San Francisco, CA**

This training session is for those seeking approval to become an NFRC Approved Calculation Entity (ACE). NFRC ACEs will be authorized to configure whole fenestration products and calculate U-factor, Solar Heat Gain Coefficient, and Visible Transmittance ratings using CMAST for those products seeking NFRC certification in the CMA Product Certification Program (CMA-PCP). This training session will include use of the latest version of CMAST; all training materials, including workbooks, will be provided to attendees before the training session date. It required that participants download the CMAST software prior to the training session. To download CMAST, go to the CMAST staging server: <http://69.60.115.189/>. You will need to download THERM 6 and WINDOW 6 before using CMAST, so be sure to follow the instructions for download provided on the webpage after you have registered yourself as a CMAST user and can log-in to the server.

There will be a short review sessions during the training and a take-home exam will be provided for aspiring ACE attendees to complete and submit after training. A *Certificate of Approval* will be sent to those ACE candidates who successfully pass the exam.

Each registrant must submit a registration form

Name: _____ **Company:** _____
Address: _____ **Telephone:** _____ **Fax:** _____
E-mail address: _____

As per the NFRC 708 Education Requirements, I have a Bachelor's Degree or higher degree in engineering, or a closely related discipline, or a minimum of two years experience in fenestration product design and assembly. Details required: _____

- Fees:**
- Members:**
- \$150 - if registered for NFRC Membership Meeting ([click here for information](#))
 - \$300 - if attending CMAST / ACE Training Only
- Non-Members:**
- \$250 - if registered for NFRC Membership Meeting ([click here for information](#))
 - \$500 - if attending CMAST / ACE Training Only

Amount Enclosed: \$ _____

- **A laptop computer is REQUIRED for this training session; NFRC will NOT provide.** (Must have wireless capability to access internet.)
- **Registration is not confirmed until payment is received.**
- **Space is LIMITED, training session spots will be reserved on a first-come, first-serve basis; only the first 25 registrants will be able to attend.**
- **Lunch will be provided to all registered participants.**
- **Accommodations available at the Hilton Financial District – discounted room rate until October 13th.** [Click here to reserve.](#)

CREDIT CARD –VISA, MasterCard, American Express

Card# _____ **Exp** _____
Name if different from above: _____ **Zip Code of Credit Card Billing Address:** _____

Signature: _____

Check, made payable to “NFRC” (email first/send payment to address below)

Please fill out this form, include **payment method and email** jpadgett@nfr.org
Form must be returned to NFRC by October 19th, 2010