



**EAST BAY, MONTEREY BAY & PENINSULA ICC CHAPTERS
& NOR CAL IAEI CHAPTER EDUCATION SEMINARS**



**Overview of HVAC and Refrigeration Systems
Half Day Seminar**

<p>Wednesday, May 15, 2019</p> <p>8:00 am – 11:30 am Or 1:00 pm – 4:30 pm</p>	<p>EI Palo Alto Room Mitchell Park Community Center 3700 Middlefield Road Palo Alto, Ca. 94303</p>
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Class Synopsis: This class will provide an overview of what you need to know for these systems as covered in Chapter 11, Refrigeration, and Chapter 6, Duct Systems, of the Uniform Mechanical Code, and Article 440, Air-Conditioning and Refrigerating Equipment, of the National Electrical Code. Topics will include refrigeration pipe sizing, air duct sizing, types of materials, materials permitted within plenums, hanger supports, securement, joining methods, types of HVAC and refrigeration equipment, refrigeration leak detection, ventilation, and refrigeration machinery rooms. Also, learn about the current status of codes and standards addressing such topics as the use of new flammable refrigerants, new combustible materials in air plenums, and the use of factory-built air ducts. Information will be provided on the latest research, codes and standards development, and product certifications. Learn how to readily find certification information to assist in determining compliance with code requirements.

0.3 CEU's from an ICC Preferred Provider

Instructors

John LaTorra is currently a Regional Manager for CSG Consultants. He recently retired from the City of Redwood City where he was the Building and Inspection Manager. John chaired the Drafting, Public Hearing and Code Development Committees for the first international code, the International Plumbing Code. John has over 45 years of experience with municipal inspections and building codes and has been an instructor with a community college, state university and chapters for more than 41 years on building, energy, solar, mechanical and plumbing subjects. Mr. LaTorra is a former board member with ICC, ICBO and IAPMO and is able to instruct on a wide range of subjects related to the IBC, IRC, UPC, UMC, IMC and IPC.

John Taecker, P.E. has worked for Underwriters Laboratories for over 34 years. He has a BS in Mechanical Engineering from Cal Poly, San Luis Obispo, and is a California Registered Professional Engineer in Safety Engineering. He is a nationally recognized speaker on building, mechanical, electrical, and plumbing products and installations. John has served on the UMC and UPC Technical Committees and the International Mechanical Code Development Committee.

<i>COST (handouts, snacks, refreshments, and CEUs)</i>		
	Member	Non-Member
Early registration	\$50	\$60
Late registration (1 week before seminar)	\$60	\$70

REGISTRATION IS REQUIRED

Please RESERVE YOUR SPACE BY noon on Wednesday May 8th

- **REGISTRATION INSTRUCTIONS:** Go to www.iccpeninsula.org, select from the list of Upcoming Events, and click on "Register". You will be directed to EventBrite. Enter registration information for attendees. You may choose to pay by credit card or check. If by check, under Other Payment options, click "Show", and mail check, payable to **ICC Peninsula Chapter**, to Christy Manzeck, 4LEAF, Inc., 2126 Rheem Drive, Suite A, Pleasanton CA 94588. Questions? Please email Christy at: cmanzeck@4leafinc.com