



# City of Amarillo 2012 Training Series #9 Educational Opportunity



**November 9<sup>th</sup>, Friday**  
**Amarillo Collage Polk Street Campus**  
1314 Polk Street, Amarillo TX Rm. 112 A&B

**-----FREE TRAINING!!!!-----Free Lunch!!!!----- (Pre-Registration is required for head count on lunch)**

**MORNING SESSION ----- M&M Manufacturing "It's Not Just Hot Air"**

**Program: Duct Sizing and Installation When: 8:00AM-12:00pm**

**Length of Seminar: Part 1 of 2-1/2 Day – 8:00AM to 12:00 PM Lunch Provided**

**Experience Level:** Intermediate-advanced

**Description:**

Explores the correct size of ducts, proper installation and airflow. Students will learn about new research, restrictions, green talk and changes in the mechanical code and IRC that have a direct impact on how air flow is configured and installed.

**Instructor: Chris Van Rite**, Vice President of Sales, M&M Manufacturing Company

Mr. Van Rite has served in his current position for 28 years. M&M is a manufacturer of commercial and residential sheet metal duct and related HVAC products. Chris is currently serving as a member of ASHRAE, International Code Council (ICC), RSES and ACCA, ASHRAE TC 5.2 Duct Design Committee (voting member), North Central Texas Council of Governments (NCTCOG) Code Review Committee, and the Air Distribution Institute (ADI) Research Committee. Chris provides training to code officials throughout Texas.



**Objectives:**

Upon completion, participants will be better able to understand:

- Correct Duct Sizing
- Proper Air Flow In Ducted Systems
- How to Apply the 2012 IRC
- The Do's and Don'ts on Flexible Duct Work

**AFTERNOON SESSION----- TDLR Manual J, D, and S**

**Program: Laws and Rules, 2009-20012 IECC, Refresher Course Manual J, D, and S**

**Length of Seminar: Part 2 of 2-1/2 Day –12:00 PM to 5:00 PM Lunch Provided**

**Experience Level:** Intermediate-advanced

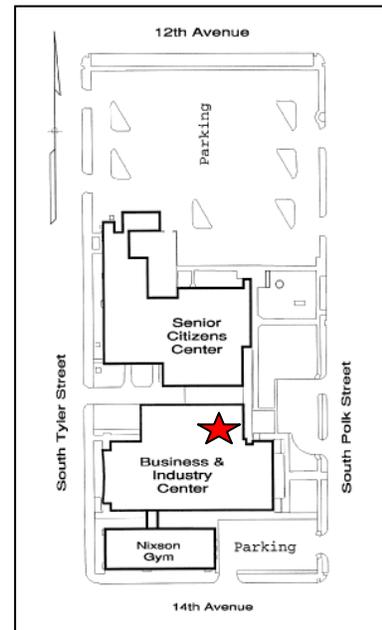
**Description:**

TDLR Law and Rule then moving to the 2009 International Energy Code and wrapping up with emphasis on the Manual J, S and D. The majority of time will be spent on the Duct Calculator and Total External Static Pressure and the need for proper duct sizing particularly when using flexible duct.

**Objectives:**

Upon completion, participants will be better able to understand:

- Mechanical Law and Rules
- 2009-2012 International Energy Conservation Codes
- Manual J, D, and S
- How to use the Duct Calculator



**Instructor: John Lain**, ACR Program Specialist, Building and Mechanical Section, Compliance Division, Texas Department of Licensing and Regulation

John Lain has been a Licensed State of Texas Contractor with Environmental and Refrigeration endorsement since 1985. His credentials include: ICC Certified Commercial Mechanical Inspector, ICC Certified Residential Mechanical Inspector, ICC Certified Residential Electrical Inspector, ICC Certified Energy Inspector/Plans Examiner, NATE, North American Technician Excellence certified, National Comfort Institute Certified Commercial and Residential Test and Balance, National Comfort Institute Certified Combustion Analysis, Building Performance Institute Certified Building Analyst, and EPA 608 Certification. He has worked for 38 years in the industry, and he was owner of Lain Air Conditioning in Midlothian, Texas, for 24 years prior to joining TDLR on September 1, 2007.

# City of Amarillo 2012 Training Series #9 REGISTRATION

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Attendee (one form per attendee)

\_\_\_\_\_  
Address

\_\_\_\_\_  
City, State Zip code

\_\_\_\_\_  
Work Phone

\_\_\_\_\_  
Mobile

\_\_\_\_\_  
E-mail (all notifications will be sent via email)

How did you hear about this training?

Internet Website

Email

Flyer

Other \_\_\_\_\_

\_\_\_\_\_  
Suggested Training Topics

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## Payment Method

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Credit Card # \_\_\_\_\_

Exp. \_\_\_\_\_

Amount \$ \_\_\_\_\_

**No Cost**