**

*Certificate of Completion*

THIS CERTIFIES THAT

**Name of customer**

HAS COMPLETED THE FOLLOWING COURSE:

*Mastering VRF Estimation: A Comparative Analysis of Leading Manufacturers*

A TRANE EDUCATIONAL SESSION

**Credit Information**

Date: September 12, 2024

Education Provider: Trane, a business of Trane Technologies AIA credit: 1 PDH

Delivery method: Professional development/Continuing Education Courses

Course title: Mastering VRF Estimation: A Comparative Analysis of Leading Manufacturers

Detail: Navigating the complexities of estimating and installing VRF (Variable Refrigerant Flow) projects can be daunting due to the unique refrigerant piping fittings and specific piping regulations imposed by different manufacturers. In this session, we will delve into the critical differences between various VRF manufacturers and explore effective strategies for bid leveling. Attendees will gain essential insights to help contractors accurately estimate installation labor, ensuring that projects stay under budget while providing  building owners reliable and trouble-free operation. Join us to enhance your VRF project management skills and deliver superior outcomes for your clients.

CE Hours: 1.0 hours

Learning objectives:

* Understanding the piping architecture of different VRF manufactures.
* Improve labor estimates on VRF projects.
* Bid leveling VRF project with multiple manufacturers.