

Classroom Stations

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- Station #1: Nozzle Diameters
 - All readings within 0.004 inches
- Station #2: DGM γ Determination
 - Temperature ° R
- Station #3: Orifice $\Delta H@$ Determination
 - Temperature ° R

Classroom Stations

- Station #4: Stack Gas Velocity and Volumetric Flow Rate
 - Assume Traverse Points from Station # 10
 - Assume $Bws = 3 \%$, $Md = 30$, $Ts = 75 \text{ }^\circ\text{F}$
- Station #5: Pitot Tube Calibration
 - Sample point is 6 inches into duct

Classroom Stations

- Station #6: Stack Gas Moisture
 - Three Methods
 - Wet Bulb/Dry Bulb Calculations
 - Nomograph
 - Psychrometric Chart
- Station #7: Pitot tube Inspection
 - Keep Pitot Tube Level

Classroom Stations

- Station # 8: Method 5 Sampling Train
 - Leak Checking with Fine/Coarse Valve
 - Leak Check to < 0.02 cfm
- Station # 9: Isokinetic Rate Equation Using Isocalc Spread Sheet
 - Enter all required data in “Bright Yellow Boxes”
 - Assume Bws of 5 %
- Station # 10: Traverse Point Determination
 - Use 12-24 inch diameter stack
- Station # 11: Method 25 Video