

HVAC/R Failure Analysis Seminar Outline

A full day seminar offered at GAI's Laboratory

Topics Covered

Heat Transfer

Basic Combustion

Basic Refrigeration

Witness Interviews

Scene Examinations

Laboratory
Examinations

Testing

Failure Modes

Hands-On Exhibits

Heating Appliances

Cooling Appliances

Ventilation Appliances

Live Demonstrations *(Lab Only)*

Radiant Heating

Fuel Gas Combustion

Fuel Oil Combustion

Compressor Overload

Motor Locked-Rotor

T&P Valve Operation