



H C Fennell Consulting, LLC

Applied Foam Technologies and Commissioning

Pressure boundaries and diagnostics

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Course Description/Abstract

This program addresses how to identify the pressure and thermal boundaries of a building. The location and the continuity of these boundaries are important in terms of both energy efficiency and safety issues like combustion appliance safety and making sure a home is not drawing its "fresh" air in from a garage.

This presentation uses a series of project photos to demonstrate typical pressure boundary locations, details, and defects. Examples of test methods are included in the case studies.

Learning Objectives:

1. Participants will be able to identify locations where the boundaries are not aligned or intact.
2. Participants will know where to look for thermal and pressure boundary defects and determine where the most effective boundaries should be.
3. Participants will become aware of diagnostic tools that can be used to determine the location of defects in the thermal and pressure boundaries.