

Hypothesis Form

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Building Name: _____ File Number: _____

Address: _____

Completed by: _____

Complaint Area (may be revised as the investigation progresses):

Complaints (e.g., summarize patterns of timing, location, number of people affected):

HVAC: Does the ventilation system appear to provide adequate outdoor air, efficiently distributed to meet occupant needs in the complaint area? If not, what problems do you see?

Is there any apparent pattern connecting the location and timing of complaints with the HVAC system layout, condition or operating schedule?

Pathways: What pathways and driving forces connect the complaint area to locations of potential sources?

Are the flows opposite to those intended in the design? _____

Sources: What potential sources have been identified in the complaint area or in locations associated with the complaint area (connected by pathways)?

Is the pattern of complaints consistent with any of these sources? _____

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Hypothesis: Using the information you have gathered, what is your best explanation for the problem?

Hypothesis testing: How can this hypothesis be tested?

If measurements have been taken, are the measurement results consistent with this hypothesis?

Results of Hypothesis Testing:

Additional Information Needed:
