

| Condition 37 | |
|------------------|---|
| Location | Upper Level HVAC Installation |
| Condition | Sediment Trap -- Improper |
| Explanation | For proper installation, the sediment trap should be installed so that debris (carried along with the flow of gas), will end up in the trap rather than in the furnace burner. With this installation, debris is able to continue with the flow of the gas, past the sediment trap. Proper installation will generally involve changing the direction of the flow of gas so that debris continues into the trap while the gas changes direction. The right photo shows a correctly installed sediment trap. |
| Suggested Action | Consult a Plumber for proper installation. |
| Significance | Safety |



| Condition 41 | |
|------------------|--|
| Location | Water heater installation in basement utility room |
| Condition | Relief line - Lowest point drain valve missing |
| Explanation | The manufacturers of pressure relief valves require that the piping attached to the valve must pitch downward. Georgia Code allows the line to pitch upward only if an openable valve is provided at the lowest point, before turning upward. This prevents rust due to water standing against the PRV continuously and to assure the valve properly performs its safety function. |
| Suggested Action | Have a plumber reconfigure the piping to comply with manufacturer specifications and/or local jurisdictional requirements. |
| Significance | Safety |

