HVAC SYSTEM INSPECTION REPORT

Operational Evaluation and Follow-Up to Prior Inspection Findings

Customer	Byron Bagaasen	**Inspection Date**	August 5th, 2026
Property	534 Siltstone Place	**Technician**	Austin Childers
Inspection Type	HVAC evaluation / follow-up		

SCOPE OF INSPECTION

Two split-system HVAC units were evaluated in heating and cooling modes. Items identified in a prior inspection report were also reviewed, including observed rust, heat exchanger condition, carbon monoxide testing, and gas piping configuration. Findings reflect conditions observed at the time of inspection.

UNIT 1

Cooling Operation - PASS

The air-conditioning system was operated and tested. At the time of inspection, the system was cooling and operating normally.

Measurement	Reading
Low-side / suction pressure	125 PSIG
High-side / discharge pressure	345 PSIG
Superheat	22°F
Subcooling	10°F
Return-to-supply temperature differential	22°F

Heating Operation - PASS

The furnace was operated through a heating cycle and fired correctly. Heating operation was normal at the time of inspection. The rust noted in the prior inspection report appears consistent with a previous condensate drain-line blockage that caused the drain pan to overflow.

The heat exchanger was visually inspected and no visible signs of heat-exchanger failure were observed. A carbon monoxide test was performed in the supply-air duct downstream of the furnace, and no carbon monoxide was detected at the time of testing.

The rust present in the auxiliary/emergency drain pan appears to be surface rust associated with the previous condensate overflow. The pan remained structurally intact at the time of inspection.

Measurement	Reading
Heating temperature rise	35°F
Supply-air carbon monoxide	0 ppm detected
Overall status	Operating normally

UNIT 2

Cooling Operation - PASS

The air-conditioning system was operated and tested. At the time of inspection, the system was cooling and operating normally.

Measurement	Reading
Low-side / suction pressure	135 PSIG
High-side / discharge pressure	365 PSIG
Superheat	20°F
Subcooling	7°F

Return-to-supply temperature differential	20°F

Heating Operation - PASS

The furnace was operated through a heating cycle and fired correctly. Heating operation was normal at the time of inspection. The rust identified in the prior inspection report appears consistent with a previous blockage in the flue condensate drain that allowed condensate to drip onto the furnace cabinet.

The affected rusted area is not located at the heat exchanger. The heat exchanger was visually inspected and was found intact with no visible indications of failure. A carbon monoxide test was performed in the supply-air duct downstream of the furnace, and no carbon monoxide was detected at the time of testing.

Measurement	Reading
Heating temperature rise	33°F
Supply-air carbon monoxide	0 ppm detected
Overall status	Operating normally

GAS PIPING CORRECTION

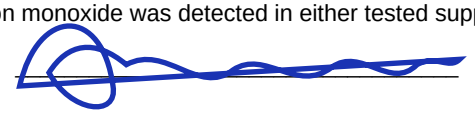
The gas piping configuration identified in the prior inspection report was corrected. The piping was reconfigured to provide the requested change in direction in the gas flow path. All newly disturbed gas piping joints were checked for leakage following completion of the work, and no gas leaks were detected at the time of testing.

Photographic documentation: See attached/current-condition photograph of the corrected gas piping.

FINAL ASSESSMENT

Unit 1	PASS - Operating normally at time of inspection
Unit 2	PASS - Operating normally at time of inspection
Gas piping	Correction completed; new joints leak-checked

Both HVAC systems were tested in heating and cooling modes and were operating normally at the time of inspection. The observed rust was evaluated and appeared consistent with prior condensate drainage issues. No visible heat-exchanger failures were identified during inspection, and no carbon monoxide was detected in either tested supply-air stream.

Technician Signature:  **Date:** *August 5th, 2026*

Report limitation: This report documents observable operating conditions and measurements at the time of inspection. It is not a guarantee of future performance and does not replace manufacturer-required maintenance or any inspection required by the authority having jurisdiction.