

“WHEN TEMPERATURE MATTERS”

**Denton, TX
(940) 210-8302
TACLA49031E
September 16, 2014**



*** TECHNICAL EVALUATION ***

1) Fall HVAC System Evaluation Checklist:

- a.) Visual inspection of igniter
- b.) Visual inspection of ignition sequence
- c.) Visual inspection of gas flame profile & include photo in report
- d.) Clean flame sensor
- e.) Replace filter (filter is included)
- f.) Note model and serial numbers & include photo in report
- g.) Visual observation of the system with photos included

SYSTEM # 2 UPSTAIRS:

***MODEL NUMBER: PG8MAA066110ADJA
SERIAL NUMBER: 1510A14867***



Figure a



Figure b



Figure c



Figure d



Figure e

TECHNICAL COMMENTS:

- **System initiated its startup sequence properly and ran as it was designed. Flame profile is shown in figure (c).**
- **Flame sensor was cleaned with sandpaper as shown in figure (a).**
- **Cleaned out combustion-air pressure sensor intake line**
- **Overall the system is old and has many of its original controls equipment on it. While it is running good now the age of the control devices are to be dually noted.**
- **Figure (d) shows the old filter that was in the system that was damaged from UV light.**
- **Figure (e) indicated the proximity from the UV light to the filter, which is why the filter has been damaged. This installation is incorrect the UV light is meant to clean the air and clean the evaporative coil and thus should be installed on the other end of the system**

We thank you for the opportunity to prepare this technical evaluation for you and look forward to being of service. Should you have any questions, please give us a call.