Residential HVAC Rebate Program

Cool Smart Technician Agreement

All technicians participating in the Cool Smart QIV process must meet specific program requirements in order to remain in good standing. Cool Smart sponsors reserve the right to evaluate the technician performance and adherence to these standards. Failure to adhere to these standards may result in a non-payment of incentives. In addition, questionable work practices that present customer service or customer satisfaction issues to the sponsors, or program implementers, may result in removal of the technician from the program.

Technician agrees to the following professional standards:

- Use superheat, sub-cooling, or approach to check or adjust refrigerant charge.
- Use the temperature split method as a guide, or measure with the TrueFlow Plate or OEM fan chart, to set evaporator airflow:
  - Take all required air temperature measurements (Return air dry bulb and wet bulb, Supply air dry bulb and wet bulb) first, at the furnace or air handler from clearly marked QIV test holes;
  - Take all refrigerant temperatures at the condenser and pressures at the condenser service valves, after taking air temperatures.
- Call the data into the Call Center from the job site for all new installations and tune ups/service work.
- Use a dual input, digital thermometer that uses a "K" type thermocouple; multiple digital thermometers that simultaneously measure dry-bulb and wet-bulb temperatures; or digital refrigerant gauges that measure line temperatures, as well as refrigerant pressures.
- Use a multimeter/ammeter to take the required electrical measurements.
- Check calibration of digital thermometer and refrigerant gauges monthly, and replace/repair any equipment if it is more than ± 2°F (± 4 psig for R-22, ± 6 psig for R-410A) out of calibration.
- Perform a minimum of 5 AC Tune Ups within 30 business days of today's training date.
- Let the unit run at least 15 minutes, at highest capacity, to attain steady-state before taking any measurements.
- To measure every temperature and pressure required, as close to simultaneously as possible, and to report the results as measured on every test (Pre & Post Tests) on every unit.
- To perform QIV:
  - Only on dry, air cooled, conventionally ducted, central AC systems.
  - Only when it is 60°F or higher outside, with a minimum of 65°F Return Dry Bulb, and 55°F Return Air Wet Bulb.
  - Only on R-22 or R-410A systems.

I understand that Quality Control will be used to evaluate my performance when completing QIVs. If I do not use the correct testing procedure or irregularities are consistently present, then I agree to undergo additional training or face expulsion from the QIV Program.

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Technician Name (Print clearly please) Tech ID

_____ _____

Company Name Instructor

_____ _____

Technician E-mail Address Training Date

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Technician Signature