

Addendum #1: NGAT Ambient and Flue CO Action Levels for GSR Calls
(Revised for Make Safe CO Levels 09/01/2018)

| Appliance/Room | Ambient CO ppm | Ambient Measurement Location | Flue CO ppm As Measured | Flue CO ppm * Air Free | Flue Measurement Location * | Make Safe CO Thresholds (IR) |
|--|-------------------------------------|---|--------------------------------|-------------------------------|--|--|
| Room Ambient | 10 ppm or greater | Center of home 6 ft above floor | ----- | ----- | ----- | Equal to or greater than 26 ppm |
| Floor Furnace | 2 ppm or greater above room ambient | Above top of unit | ----- | 101 ppm or greater | Inside each exhaust port separately. Record left to right if more than one. | -Flue CO equal to or greater than 401 PPM Air Free OR -“Ambient 2” Ambient CO Read is 2 PPM greater than “Ambient 1” Room Ambient CO Read |
| Forced Air Furnace (Includes Dual Pack) | 2 ppm or greater above room ambient | Inside supply register nearest to furnace | ----- | 101 ppm or greater | Inside each exhaust port separately. Record left to right if more than one. No flue read required for RTFAF* | -Flue CO equal to or greater than 401 PPM Air Free OR -“Ambient 2” Ambient CO Read is 2 PPM greater than “Ambient 1” Room Ambient CO Read |
| Gas Log Heater-Freestanding/Insert/Direct Vent | 2 ppm or greater above room ambient | Above unit | ----- | 101 ppm or greater | Inside the flue | -Flue CO equal to or greater than 401 PPM Air Free OR -“Ambient 2” Ambient CO Read is 2 PPM greater than “Ambient 1” Room Ambient CO Read |
| Gravity Furnace | 2 ppm or greater above room ambient | Inside supply register nearest to furnace | ----- | 101 ppm or greater | Inside each exhaust port separately. Record left to right if more than one. | -Flue CO equal to or greater than 401 PPM Air Free OR -“Ambient 2” Ambient CO Read is 2 PPM greater than “Ambient 1” Room Ambient CO Read |
| Vented Room Heater | 2 ppm or greater above room ambient | Above top of unit and draft diverter | ----- | 101 ppm or greater | Inside each exhaust port separately Record left to right if more than one | -Flue CO equal to or greater than 201 PPM Air Free OR -“Ambient 2” Ambient CO Read is 2 PPM greater than “Ambient 1” Room Ambient CO Read |
| Wall furnace | 2 ppm or greater above room ambient | Above top of unit and draft diverter | ----- | 101 ppm or greater | Inside of flue on each side of baffle Record the highest read | -Flue CO equal to or greater than 201 PPM Air Free OR -“Ambient 2” Ambient CO Read is 2 PPM greater than “Ambient 1” Room Ambient CO Read |

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|-------------------------------|-------------------------------------|---|--------------------------------|------------------------|---|--|
| Wall Furnace Direct Vent | 2 ppm or greater above room ambient | Above top of unit | ----- | 101 ppm or greater | Flue gas CO is measured at the flue termination when it is accessible from the ground | -Flue CO equal to or greater than 401 PPM Air Free OR -"Ambient 2" Ambient CO Read is 2 PPM greater than "Ambient 1" Room Ambient CO Read |
| Water Heater | 10 ppm or greater | Above and around top of tank and draft diverter | ----- | 101 ppm or greater | Inside flue on each side of baffle Record the highest read | -Flue CO equal to or greater than 201 PPM OR -Appliance Ambient CO PPM is equal to or greater than 26 PPM |
| Range Top Burners and Griddle | 10 ppm or greater | Center of kitchen | 26 ppm or greater (per Burner) | ----- | Burner: 12 inches above flame Griddle: Inside port opening U or W pattern left to right | -Equal to or greater than 26 PPM As-Measured (per burner) OR -Appliance Ambient CO PPM is equal to or greater than 26 PPM |
| Oven/Broiler | 10 ppm or greater | Center of kitchen | 226 ppm or greater | ----- | Inside exhaust port | -Equal to or greater than 226 PPM As-Measured OR -Appliance Ambient CO PPM is equal to or greater than 26 PPM |
| Gas Log Fireplace | ----- | ----- | 26 ppm or greater | ----- | Inside top edge of fireplace opening | -Equal to or greater than 26 PPM As-Measured (per burner) |
| Gas Dryer | ----- | ----- | ----- | 101 ppm or greater | Inside the dryer exhaust or lint filter access | Not Applicable (NO Make Safe Level within PG&E Policy) |

* If flue is not accessible and no flue read is possible, appliance ambient determines action. Include valid reason for no flue read in Comments on NGAT Results.