

2018 NEW CASTLE COUNTY GAS PIPE CHECKLIST

(2018 IFGC)(NCC Chapter 6)

Rev 1/23/19

- | | <u>Pass</u> | <u>Corr</u> | <u>N/A</u> | | |
|----|--------------------------|--------------------------|--------------------------|--|-------------------------|
| 1. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | GENERAL | |
| | | | | <input type="checkbox"/> Permit displayed at worksite | Ch 6 6.03.012(Q) |
| | | | | <input type="checkbox"/> Access provided to all areas to be inspected | Ch 6 6.03.018(A, D) |
| | | | | <input type="checkbox"/> NCC approved, stamped construction documents available at site | Ch 6 6.03.013(B3a) |
| 2. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | GAS PIPE INSTALLATION | IFGC 404 |
| | | | | <input type="checkbox"/> Verify pipe sizing per approved plans and code | Ch 6 6.03.013, IFGC 402 |
| | | | | <input type="checkbox"/> Verify all piping materials per code | IFGC 403.1 |
| | | | | <input type="checkbox"/> Exterior pipe protected from corrosion, galvanizing is NOT adequate protection for underground pipe. Wrappings, tapes, paint, epoxies, casings are permitted | IFGC 404.11 |
| | | | | <input type="checkbox"/> Metallic underground piping conveying gas from an LP storage container is equipped with an approved dielectric fitting, installed above ground and outdoors | IFGC 404.10 |
| | | | | <input type="checkbox"/> Piping installed above ground, outdoors, and on roofs shall be located where it will be protected from physical damage | IFGC 404.9 |
| | | | | <input type="checkbox"/> Concealed piping, other than black or galvanized steel, must be protected from physical damage when closer than 1 ½ inches to the nearest edge of the framing member | IFGC 404.7 |
| | | | | <input type="checkbox"/> Verify tracer wire for non-metallic underground installations | IFGC 404.17.3 |
| | | | | <input type="checkbox"/> Verify 12" min. burial depth of underground piping (8" for individual lines for grills, lights, etc.) & protected from corrosion | IFGC 404.12, 404.12.1 |
| | | | | <input type="checkbox"/> Verify CSST (corrugated stainless steel tubing) installation is in accordance with the manufacturer's published installation instructions | IFGC 404.2 |
| | | | | <input type="checkbox"/> Concealed piping shall not have unions, right or left couplings, tubing fittings, shut-off valves, bushings, compression couplings, or swing joints made by combinations of fittings | IFGC 404.5 |
| | | | | <input type="checkbox"/> Verify pipe is properly supported by building structural components or metal fittings (½" = 6', ¾" or 1" = 8', 1 ¼" or larger = 10'). CSST pipe support per manufacturer's installation instructions | IFGC 407.2, (T) 415.1 |
| | | | | <input type="checkbox"/> Shut-off valve upstream of union & accessible within 6' of appliance in the same room and clearly marked. Valves at manifolds must be within 50' of the appliance. Vented decorative appliances or room heaters may be in other rooms but must be identified. Labs may use a single shutoff stating "Gas Shutoff" | IFGC 409 |
| | | | | <input type="checkbox"/> Verify sediment trap downstream from appliance as close as practical to the appliance inlet (NOT required on ranges, illuminating appliances, clothes dryers & outdoor grills) | IFGC 408.4 |
| | | | | <input type="checkbox"/> Verify abandoned gas pipes are capped gas tight, except quick disconnect appliances | IFGC 404.15 |
| | | | | <input type="checkbox"/> Verify gas pipe is NOT installed in ducted supply, return or exhaust, clothes chutes, chimneys, gas vents, dumbwaiters, or elevator shafts. Piping installed downstream of the point of delivery shall not extend through any townhouse unit other than the unit served by such piping. | IFGC 404.3 |
| 3. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | PRESSURE TEST | |
| | | | | <input type="checkbox"/> Air test pressure minimum 1½ times the working pressure of system (min 3 psig) held for no less than 10 minutes for single-family dwelling. Gauges used for test shall not exceed 5 times the test pressure | IFGC 406.2, 406.4.1 |
| | | | | <input type="checkbox"/> Section testing is permitted provided valves are not subject to the air test | IFGC 406.1.4 |
| | | | | <input type="checkbox"/> All appliances included in the pressure test and listed on the gas tag, additions only require testing of the new branch | IFGC 406.1, 406.1.3 |
| | | | | <input type="checkbox"/> Total number of outlets _____ | |
| | | | | <input type="checkbox"/> Air pressure during test _____ | |
| | | | | <input type="checkbox"/> 5 inch water column <input type="checkbox"/> 5 psi | |
| | | | | <input type="checkbox"/> 2 psi <input type="checkbox"/> Other | |
| 4. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MISCELLANEOUS | |
| | | | | <input type="checkbox"/> Remind contractor of connections for moveable appliances (comply with ANSI Z21.69) | IFGC 411.1, 411.1.1 |

Inspector: _____ Permit Number: _____

Date: _____ Inspection Results: Pass Partial Corrections Required