



MOUNT LAUREL TOWNSHIP
COMMUNITY DEVELOPMENT
BUILDING DIVISION
100 MOUNT LAUREL ROAD
MOUNT LAUREL, NEW JERSEY 08054

RESIDENTIAL HEATER CONVERSIONS / REPLACEMENTS / NEW

CONSTRUCTION FOLDER
ELECTRICAL TECH
MECHANICAL TECH / PLUMBING TECH
SPECIFICATIONS
INSTALLATION INSTRUCTIONS
CHIMNEY CERT – HOMEOWNER CANNOT FILL OUT
COMBUSTION AIR FORM
(3) GAS PIPE DRAWINGS – NEW OR EXTENSION
COPY OF HVACR LICENSE / HOME IMPROVEMENT REGISTRATION

GAS FIREPLACE / LOGS

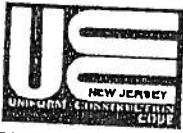
SEE ABOVE

A NEW GAS FIREPLACE

NEEDS BUILDING, MAY NEED ELECTRIC, FIRE AND PLUMBING TECHS AND
MANUFACTURER SPECS

IF PROPANE GAS, NEED MECHANICAL TECH

BOILER NEEDS MECHANICAL TECH



CHIMNEY VERIFICATION FOR REPLACEMENT OF FUEL-FIRED EQUIPMENT

BLOCK _____ LOT _____ QUALIFICATION CODE _____ PERMIT # _____

WORK SITE ADDRESS _____

Owner in Fee _____

Verifying Individual _____ Company _____

Address _____
Street City State Zip Code

Tel: (____) _____ Fax: (____) _____

Check the Appropriate Box(es):

Type of Replacement:

- Oil to Gas Conversion
- Gas to Oil Conversion
- Gas Appliance Replacement
- Oil to Oil Replacement
- Other _____

Existing Vent/Chimney: Size _____

- "B" Label Vent Chimney-Interior
- "L" Label Vent Chimney-Exterior
- Flexible Liner Masonry Chimney-Tile Lined
- Power Vent/Exhauster Masonry Chimney-Unlined
- Other _____

Type

Fuel Type

BTU Rating (input/hour)

Appliance 1: _____ Oil / Gas / Other: _____
 Appliance 2: _____ Oil / Gas / Other: _____
 Appliance 3: _____ Oil / Gas / Other: _____

CHIMNEY LINER

If a chimney liner is being installed, all documentation on the liner must accompany the Permit application.

Manufacturer: _____ Model: _____ UL Listing: _____

Material of Liner: Stainless Steel _____ Aluminum _____

Size of Appliance Vent: _____ Size of Liner: _____ Height of Chimney: _____

Length of Connector: _____ Vent Connector Rise: _____

How does the appliance vent? Natural Draft Fan-assisted Other: _____

PLEASE SIGN ONE OF THE FOLLOWING VERIFICATION STATEMENTS

For Oil or Coal to Gas Conversions:

I have verified that the chimney/vent is in good repair and clear of obstruction and is substantially clean of residue from its previous use serving an oil or coal appliance. I have verified that the chimney/vent is appropriately lined and sized for the appliance(s) being installed.

Signature _____ Date _____

Oil to Oil or Gas to Gas Replacements or New/Additional Appliances:

I have verified that the existing chimney/vent is in good repair and clear of obstruction. I have verified that the existing chimney/vent is appropriately lined and sized for the appliance(s) being installed and/or remaining.

Signature _____ Date _____

Direct Vent Appliance:

I hereby verify that the appliance(s) being installed is a direct vent appliance. I further verify that the existing chimney/vent is appropriately lined and sized for any remaining appliances.

Signature _____ Date _____

Verification Not Submitted:

I choose not to submit verification. I understand that I will be required to be present for the inspection to remove and reinstall the chimney vent connector.

Signature _____ Date _____

FOR MINOR AND EMRGENCY WORK, THIS FORM MUST BE PROVIDED WITH YOUR PERMIT APPLICATION. FOR ALL OTHER WORK, THIS FORM MUST BE PRESENTED TO THE CODE OFFICIAL PRIOR TO FINAL INSPECTION.

All applicable information requested on this form must be supplied.
This form may not be submitted by a homeowner in lieu of the required inspection.

COMBUSTION AIR CALCULATION

For appliances listed as requiring combustion air in buildings of not unusually tight construction

Inspector's Responsibility: The inspector enforces the regulations required for safety. The inspector should get a clear plan before the work is done in order to avoid improper work that will require changes. Adequate combustion air protects health and property. The Appliance listing and the Codes detail the minimum requirements for safety. The inspector helps the installer to meet the code minimum. The inspector can never accept less than the minimum.

References: International Fuel Gas Code (IFGC)-Section 304 *Combustion, Ventilation and Dilution Air* and Section 303 *Prohibited Appliance Locations*
International Residential Code of New Jersey- Section G2407 and G2406 (similar to IFGC)

Theory: Fuel burning appliances require air for complete combustion, ventilation of the utility room, dilution of flue gases, and proper draft of vents and chimneys. Inadequate air supply causes serious carbon monoxide and moisture problems. Appliances must be installed in an unconfined space in order to make sure that there is adequate air for them to operate properly. Definition of an unconfined space: A space that has at least 50 cubic feet for every 1,000 BTU of input listed on the appliances in it.

To determine if the utility room is an unconfined space, take the following steps:

Step 1- List the BTU Input of all appliances in the room:

- | | | |
|----------------------|-------|-------------------------|
| 1. Boiler or Furnace | _____ | Input BTU |
| 2. Water Heater | _____ | Input BTU |
| 3. Dryer | _____ | Input BTU |
| Total | _____ | Input BTU of Appliances |

Step 2- Divide the Total Input BTU by 1,000= _____

Step 3- Multiply the Answer in Step 2 by 50= _____ Cubic feet of Space Required

Step 4- Determine the Available Space in the Utility Room

Length _____ x Width _____ x Height _____ = _____ Cubic Feet of Space Available

If the Space Available is less than the Space Required, additional air must be supplied. The Codes provide various options to fit the conditions of the building. The options include: Indoor air from adjoining spaces on the same floor, a combination of indoor and outdoor air and all air from the outdoors.

The installer selects the option and submits his plan to the inspector for review before doing the work.