



City of Loveland



Building Division

410 E. 5th Street | Loveland, CO 80537
970-962-2505 | lovgov.org/Building

Residential Gas Load Form

Code requirements of the 2021 International Residential Code (IRC), 2021 IMC, and the 2021 IFGC as adopted by the City of Loveland and its amendments. Please submit this form with your application to: Eplan-BuildingFastTrack@cityofloveland.org

Permit Number _____

Site Address _____

Incoming Gas Pressure _____

Purposed Gas Piping materials _____

Table IFGC 402.4(2) or G2413.4(1)IRC must be used, unless documentation can be provided from the utility provider to prove otherwise.

Gas piping shall be sized in accordance with one of the following:

1. Pipe sizing tables or sizing equations in accordance with Section 402(IFGC) as applicable.
2. The sizing tables included in a listed piping system's manufacturer's installation instruction.
3. Approved engineering methods.

IDENTIFY ALL GAS-FIRED APPLIANCES ON THIS SYSTEM

Type of Gas Appliance	Quantity	BTU Load
Gas log fireplace		
Furnace		
Outdoor gas fire pit		
Dryer		
Outdoor Grill		
Pool Heater		
Range		
Tankless water heater		
Tank water heater		
Water heater (Primary heat source)		
Generator (gas pressure requirements for generator)		
Other (please specify)		

Total Gas Load (BTU's): _____

12-01-105, C.R.S., *Every single-family dwelling that includes either fuel-fired appliances or an attached garage, where, on or after July 1, 2009, interior alterations, repairs, fuel-fired appliance replacements, or additions, any of which require a building permit, occurs or where one or more rooms lawfully used for sleeping purposes are added shall have an operational carbon monoxide alarm installed within fifteen feet of the entrance to each room lawfully used for sleeping purposes or in a location as specified in any building code adopted by the state or any local government entity.*



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A drawing of the proposed system must be submitted with the application. Please use the sample below as a guide. All gas system piping is assumed to be Schedule 40 Black Iron pipe unless noted otherwise.

Identify the meter location, as well as all appliance locations, types, and BTU loads, and the sizes and lengths of each piping section. If using more than one piping material, identify the proposed materials for each piping section.

Gas Drawing Sample

