



## KITTITAS COUNTY FIRE MARSHAL'S OFFICE

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# REGULATOR~METER LOCATION FOR SNOW AND ICE PROTECTION POLICY

FOR MORE INFORMATION VISIT THE CDS WEBSITE AT: [WWW.CO.KITTITAS.WA.US/CDS](http://WWW.CO.KITTITAS.WA.US/CDS)

**POLICY:** This policy shall govern the installation of gas regulators or meters when buildings are located at or above 70 lbs. ground snowload. Liquefied Petroleum Gas (LPG) regulators and Natural Gas meters must be located such that it limits the potential damage from falling ice and snow, snow accumulation and other objects. The following snow and ice protection options are listed below.

### LPG Regulators:

1. Locate the regulator within 24" under the eave of the roof. The regulator vent shall be piped to an approved location, or
2. Locate the regulator inside the building and vent it to an approved location, or
3. Install a protective shelter over the regulator. The cover must be designed and approved to support the identified ground snow load for the specific site, or
4. Locate the regulator on the gable-end wall, at least 48-inches from the end of a valley, at a height equal to or above the historical ground snow depth (*\*see the formula below to determine snow depth*).

### Natural Gas Meters:

1. Install a protective shelter over the meter. The cover must be designed and approved to support the appropriate snow loads, or
2. Locate the meter assembly on a the gable-end wall, at least 48-inches from the end of a valley, at a height equal to or above the historical ground snow depth (*\*see the formula below to determine snow depth*), or
3. According to the approved gas supplier meter location specification.

The regulator/meter location and shelter design must be approved before construction begins.

[ **\*SNOW DEPTH FORMULA: height (inches) = (31.9 + Pg) / 2.36** ]