



Hydronic Heating Systems

NOTICE TO HEATING CONTRACTORS AND BUILDERS

HYDRONIC HEATING SYSTEMS

The following policy has been implemented by the North Vancouver City Development Services Department and will apply to all Building Permits for Single Family Dwellings, Townhouses, Duplexes and Row Houses.

The design and installation of hot water heating systems shall be in accordance with the latest edition of the Residential Hot Water Heating Association of BC (RHWHA) "Guidelines for the design and installation of Hot Water Heating Systems" or where prior approval has been obtained from the Manager, Inspections, other acceptable methods of design and installation may be used.

The following documentation must be submitted prior to calling for any heating inspections.

- A gas permit must be obtained
- Certification of Hot Water Heating System Design on the form provided
- Room by room heat loss summary
- Radiant panel layout, baseboard lengths (where used)
- Boiler room layout
- All documentation signed by the qualified heating designer

Any changes to the design must be reviewed and approved by the Residential Hot Water Heating Association of BC or, with prior approval from the Manager, Inspections, by another qualified designer.

Required Inspections:

- *Radiant panel* inspection. The Plumbing Inspector will do this immediately after the slab insulation inspection.
- *Piping to baseboards* (if used). The Plumbing Inspector along with the rough plumbing inspection will inspect these.
- *Boiler room* inspection. The Plumbing Inspector will inspect this at the time of final inspection.

NOTE: Upon completion and prior to requesting final inspection, a signed copy of the "Certification of Heating System Installation" form must be submitted or left in boiler room.

ADDITIONAL REQUIREMENTS

The Designer shall certify that all system components are designed for continuous use in heating systems. This is to ensure that poor quality components, which will have a short service life, will not be used.

All loops or zones must be labeled in the boiler room.

Maintenance instructions for all heating system components, which require periodic maintenance, must be left in the boiler room for the information of the owner.