

GAS INSPECTION BULLETIN

APPROVAL OF GAS PLANS

(Replaces Gas Inspection Bulletin 84-176-12-02)

Bulletin No. : 84-176-12-03

Effective Date: June 3, 2019

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Technical Inspection Services wishes to inform the compressed gas industry stakeholders that Propane/Natural/Digester/Landfill and Medical Gas Plan Approvals Must be delivered directly to our Grand Falls Office.

Gas Plan Approvals are required as follows:

Plans and specifications, in triplicate, of the design of gas systems that are independent of other mechanical systems and of the design of any alteration or addition thereto shall be submitted and approved before any work commences on or any alteration or addition is made to:

- filling plants
- dispensing unit
- all gas installations having a total heating value of five million British Thermal Units or greater
- all gas installations located within hospitals, schools, colleges, day cares, ice arenas, special care/assisted living facilities
- all digester/landfill gas installations
- medical gas piping systems
- all vertical propane tank foundations and all horizontal propane tank foundation for any individual tank with a capacity in excess of 2000 uswg

Plans shall include the following as applicable:

- gas piping layout, pipe construction detail showing all vertical and horizontal runs (isometric), pipe support and anchor details, a schedule of the piping, fittings, valves and components
- a calculation of pipe sizes to prove proper supply of gas
- details of appliance venting and air supply systems
- a building layout showing location of appliances and equipment, piping, appliance and component venting, terminal units, alarm panels, shut off valves supply units, cylinder/tank locations etc.
- details showing location of property lines, tank/cylinder, vehicle protection, fencing, underground piping and all exterior piping and components
- a statement that the installation is to be made by personnel holding the proper class of compressed gas licence
- a statement that the brazing procedure to be used has been registered by the Department of Public Safety

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- All vertical propane tanks and horizontal tanks with a capacity in excess of 2000 uswg require engineered design drawings showing construction specifications and weight bearing pressure calculations of the concrete support base along with a soil compaction test report
- Non-residential propane and natural gas interior piping systems require a master gas shut off valve installed as close as practicable to the entry point into a building and must be shown on the plan. Master gas shut off valves shall be installed as per Gas Inspection Bulletin # 84-176-02-05
- Additional information may be supplied or requested to be supplied for a successful plan approval.

***** Procedure for the Approval of Gas Plans*****

(Installing, altering or adding to a compressed gas system is prohibited without a Gas Installation Permit.

Work that requires a plan will not be issued a Gas Installation Permit without a Plan Approval)

The following must be submitted to the address below in order to have a successful gas plan review

- Completed Compressed Gas Permit Application Form
- Completed Compressed Gas Plan Review Application Form
- Three (3) copies of the compressed gas plan
- Any other information that the submitter feels may be relevant.

Upon a successful plan approval the submitter will receive a stamped copy of the plan, a review notice and the permit application (Note: Information has been added to the permit application required for final processing). The submitter must forward the permit application to Service New Brunswick for issuance following the guidelines on how to submit for a Compressed Gas Permit.

Fees

NB Regulation 84-176 37(10) The fee for a plan review is \$100 per hour or any part of an hour, with a minimum charge of \$100.

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Send Compressed Gas Plans to:

Mail or Courier:

Department of Public Safety
 Technical Inspection Services
 Grand Falls Provincial Building
 385 Broadway Boulevard, Suite 100
 Grand Falls, NB
 E3Z 2K5

Attention: Mike LeBlanc

E-Mail: Mike.LeBlanc@gnb.ca

Fax : (506) 475-4017

If you have any questions please feel free to contact us at (888) 659-3222.

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Prepared		<i>Date</i> 06/03/19	Approved		<i>Date</i> 06/03/19
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