

ORDINANCE NO. 1348

An ordinance to regulate the installation and operation of compressed gas systems, the handling and storage of the charged and discharged cylinders used in connection therewith, and providing a penalty for violation hereof.

THE PEOPLE OF THE CITY OF ALBANY DO ORDAIN AS FOLLOWS:

Section 1. It shall be unlawful for any person, firm or corporation to install or operate any compressed gas system or to handle or store the charged or discharged cylinders used in connection therewith within the City of Albany, Oregon, unless the same shall have first been examined, tested and approved by the chief of the fire department of said City.

Section 2. Before any person, firm or corporation shall install any compressed gas system within the City of Albany, Oregon, and/or operate the same, application shall first be made to the chief of the fire department of said City, for a written permit to make such installation and to operate the same, and upon having received such application it shall be the duty of the fire chief to inspect the premises where such installation is proposed to be made and if the location for such installation is satisfactory it shall be the duty of the chief of the fire department to give the applicant such instructions as may be necessary to properly make such installation and to operate said system and when the same shall have been completely installed the chief of the fire department shall inspect such installation and system and if properly installed shall issue to such applicant a permit to operate the same.

Section 3. In the installation and operation of such compressed gas systems the following requirements shall be complied with.

GENERAL PRECAUTIONS.

(a) The changing of cylinders should be preferably by daylight only, and no fire or artificial light, other than incandescent vapor-proof lights, shall be permitted within ten feet of the cylinders. Electrical apparatus, such as switches and other apparatus which may cause sparking, shall not be located in the vicinity of the cylinders and regulating valves.

(b) Extra cylinders should be stored in a suitable ventilated cabinet, located outside of main building or otherwise stored where they may be protected from extreme heat and accumulations of ice and snow. A warning to keep lights and fires away and to pile no readily combustible material within ten feet of cylinders should be posted.

(c) When installing the system, the installation card furnished by the manufacturer shall be carefully read and its directions followed in every detail.

(d) Users should exercise every precaution to see that only those gases for which the system is designed are employed in the operation of the system, particularly with regard to pressures.

INSTRUCTIONS.

(a) Printed instructions when necessary for the operation and maintenance of the equipment shall be permanently attached in such a position as to be visible and legible for ready reference.

(b) Complete installation, operation and maintenance instructions shall be provided with each unit. When installation is made by the dealer and service is provided in replenishing the supply of compressed gases, comprehensive printed instructions should be in the hands of the service man in the form of a manual, covering all conditions commonly requiring attention in addition to detailed description of proper installation methods.

LOCATION OF CYLINDERS AND REGULATING VALVES.

(a) Cylinders and regulating equipment shall be located outside the building containing the burners. The discharge from safety reliefs shall be located not less than 5 feet away from any opening in such building.

(b) All equipment shall be provided with a well ventilated steel cabinet for inclosing cylinders and regulating valves, or otherwise protected from tampering or exposure to the weather.

(c) All cylinders shall be set upon a firm foundation. When this cannot be done, the effect of settling shall be guarded against by a flexible connection or special fitting.

VALVES.

(a) Valves in the assembly of this system should be arranged so that the change of cylinders may be made without shutting down the system.

(b) All valves incorporated in the assembly shall be of a standard type.

(c) The system shall be provided with a shutoff valve to the building.

PIPING.

(a) In systems of a type in which compressed gas in liquid form enters the building only heavy walled, seamless brass or copper tubing may be used. Internal diameter of such tubing should not be greater than 3/32 inch and wall thickness not less than 3/64 inch.

(b) Tubing should be as short as possible and so attached and protected as to avoid injury or damage. Tubing should be tested and proved tight under a pressure of at least 50 pounds per square inch after all connections have been made.

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MARKING.

A permanent marking should be incorporated in the assembly of the equipment located on the outside, showing the name and address of the manufacturer and the trade name of the device.

EXPANSION TANKS.

In those systems which discharge into an expansion tank which supplies the pipe line the expansion tank shall be constructed with a strength equivalent to the shipping container of the gas used. Where an expansion tank is employed either the tank or the equipment shall be marked with the pressures for which the system is designed.

CYLINDERS.

(a) Only approved cylinders which are acceptable for distribution in interstate commerce and marked to the effect that they comply with the Interstate Commerce Commission specifications and regulations (bearing test marks as prescribed in the Interstate Commerce Commission shipping specifications covering this class) shall be considered suitable for employment in any compressed system for house lighting and cooking.

(b) When cylinders are not in use, outlet valves shall be kept tightly closed even though cylinders may be considered empty.

(c) Cylinders when exhausted shall have the valves closed.

(d) Cylinders shall be protected against mechanical injury or tampering at all times.

Section 4. It shall be the duty of the Chief of the Fire Department to see that the requirements for the installation and operation of all compressed gas systems shall meet with the regulations of the National Board of Fire Underwriters for the installation and operation of such systems as nearly as may be practicable.

Section 5. Any person violating any of the provisions of this ordinance, upon conviction thereof in the Recorder's Court, shall be punished by a fine of not less than \$5.00 nor more than \$25.00, or by imprisonment in the City Jail for not less than two nor more than twelve days.

Passed by the Council April 8, 1931.

Approved by the Mayor April 8, 1931.

VIRGIL L. CALAVAN,
Mayor.

Attest:
F.P. Nutting,
Recorder.

STATE OF OREGON,
County of Linn, ss.

I, F.P. Nutting, Recorder of the City of Albany, Linn County, Oregon, do hereby certify that the foregoing and annexed copy of ordinance No. 1345 has been by me carefully compared with Ordinance Bill No. 1449, now on file in my office, and that it is a true and correct copy of all of said Ordinance Bill No. 1449, passed by the Council and approved by the Mayor April 8, 1931.

WITNESS my hand and official signature and the seal of the City of Albany this 10th day of April, 1931.


City Recorder.