

AN ORDINANCE PROVIDING **RULES AND REGULATIONS FOR PLUMBING AND DRAINAGE WORK IN THE CITY OF LODI; PROVIDING FOR LICENSES, REGISTRATION AND PERMITS FOR ALL PERSONS DOING PLUMBING; CREATING THE OFFICES OF PLUMBING INSPECTOR AND ASSISTANT PLUMBING INSPECTOR AND ~~ASSISTANT PLUMBING INSPECTOR~~**, DEFINING THEIR POWERS AND **DUTIES**; PROVIDING PENALTIES FOR THE VIOLATION OF THIS ORDINANCE AND **REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HEREWITH IN SO FAR AS SUCH CONFLICT MAY EXIST**

The City Council of the City of Lodi does ordain as follows:

Section 1. That the office of City Plumbing Inspector is hereby created which shall function under the supervision and control of the City Council, The office of City Plumbing Inspector shall consist of a City Plumbing Inspector and Assistant Plumbing Inspectors who shall be appointed by the City of Lodi Council from time to time as the need therefor arises.

Section 2. The City Plumbing Inspector and Assistant Plumbing Inspector shall be qualified plumbers, who shall have been residents of the City for at least two years with not less than five years experience in the aggregate in practical plumbing, drainage, gas piping and gas appliance work.

Section 3. It shall be the duty of the City Plumbing Inspector

(a) To inspect or cause to be inspected all plumbing, drainage, gas piping or gas appliance installations and alterations or repairs thereof in the City of Lodi.

(b) To enforce the provisions of this ordinance.

(c) To issue permits and to approve and reject installations, alterations and repairs and to perform all other functions necessary or proper to carry out the terms of this ordinance.

Section 4. The Plumbing Inspector is hereby authorized

(a) To inspect or cause to be inspected the plumbing, drainage, gas piping or gas appliances of any house, building or premises in the City of Lodi, To notify the owner

or occupants of the premises of the existence of unsanitary, dangerous or defective conditions in the plumbing or drainage systems or in the gas piping or appliances. Failure on the part of the owner or occupant to eliminate the unsanitary, dangerous or defective condition or to begin the work thereon within twenty days after receiving a written notice to repair shall constitute a violation of this ordinance.

(b) To enter private property at all reasonable times and intervals for the purpose of making any inspection authorized under the terms of this ordinance.

(c) Anyone dissatisfied with any decision of the Plumbing Inspector may by notice in writing, to be filed with the City Council, appeal to such City Council, which may review the ruling of such Inspector.

LICENSING AND REGULATION

Section 7. The license tax for conducting or carrying on the business of performing plumbing and drainage work in the City of Lodi shall be One Hundred (\$100.00) Dollars per calendar year or fraction thereof.

The license tax for conducting or carrying on the business of a gas appliance dealer in the City of Lodi shall be Twenty-five (\$25.00) Dollars per calendar year or fraction thereof.

All licenses shall be payable annually in advance to the City License Collector.

Section 8. It shall be unlawful for any person, firm or corporation to engage in the business of performing plumbing and drainage or gas piping, plumbing or drainage work or to engage in the business of gas appliance dealer in the City of Lodi without first procuring a license so to do in accordance with the provisions hereof, provided, however that plant plumbers shall not be subject to the licensing provisions of this ordinance.

Plant plumbers, for the purpose of this ordinance, shall mean employees regularly and permanently maintained in an established plant for the purpose of doing plumbing, drainage, gas piping and gas appliance work.

No person, firm or corporation licensed to carry on the bus-

ness of performing plumbing and drainage work shall be required to procure a gas appliance dealers' license in order to engage in that business.

Every licensee must register immediately with the City Plumbing Inspector in a book provided therefor, giving the full name and place of business of licensee. Any change in the name or business address of the licensee must be registered immediately.

Licenses issued hereunder shall not be transferrable. Except as otherwise provided herein, no licensee shall allow an unlicensed person to do plumbing, drainage, gas piping or gas appliance work under any permit issued to him. Violation hereof shall be grounds for the revocation of the license.

REVOCATION AND SUSPENSION OF LICENSES

-Section 10. The City of Lodi Council shall have power to suspend or revoke licenses for a violation of any of the provisions of this ordinance, after a fair and impartial hearing. No permit for plumbing, drainage, gas piping or gas appliance work shall be issued to any person after the revocation of his license or during the suspension thereof.

MISCELLANEOUS REGULATIONS

Section 11. Except as otherwise provided herein, every person installing, altering or repairing any plumbing, drainage, gas piping or gas appliance work shall comply with all the provisions of this ordinance.

All work installed in violation of the provisions hereof shall be corrected immediately upon order of the City Plumbing Inspector.

GENERAL

Section 12. All Plumbing and drainage work done under a permit shall be subject to test and inspection by the Plumbing and Gas Inspector, and notice shall be given to the inspector by the person or persons, firm or corporation doing said plumbing or drainage work, or causing the same to be done, immediately after such work is completed in part or in whole sufficiently to permit of such test and inspection.

DEFINITIONS

Section 13. Apprentice or Helper,

An apprentice or Helper is a person who is registered as such as required by ~~Section 9 of~~ this Ordinance, and who is undergoing an apprenticeship or course of training, x

Section 14. Journeyman Plumber.

A Journeyman Plumber is a person who installs, alters or repairs Plumbing and Draining Systems or a part thereof, as an employee, but who does not furnish any materials or supplies, and who is registered ~~and the legal possessor of a Plumber's Certificate of Competency,~~ as provided for in this Ordinance,

Section 15. Master Plumber.

A Master Plumber, Merchant Plumber, or Licensed Plumber shall mean any person who is engaged in the business of Plumbing at an established place of business within the corporate limits of the City of Lodi, or who does, or who sets himself out as willing to do himself personally or through employees any work or services in connection with the installation, alteration or repair of plumbing and Drainage System or part thereof, and who is Registered and Licensed as provided for in this Ordinance.

Section 16. Building.

A Building is any structure erected for the support, shelter, and enclosure of persons, animals, chattels, or movable property of any kind.

Section 17. Cesspool.

A Cesspool is an excavation in the ground which receives the discharge of a Drainage System or part thereof, so designed and constructed as to retain the organic matter and solids discharging therein, but permitting the liquids to seep through the bottom and sides,

Section 18. Septic Tank.

A Septic Tank is a water-tight receptacle which receives the discharge of a Drainage System or part thereof, designed and constructed so as to retain solids, digest organic matter through a period of detention and allow the liquids to discharge into the soil outside of

the tank, through a system of open joint piping

Section 19. Drainage System,

A Drainage System, or Drainage Piping shall mean and include all the piping within public or private premises, which conveys sewage or other liquid wastes, to a legal point of disposal, but shall not include the Mains or Laterals of a Public Sewer System.

Section 20. Local Vent.

A Local Vent is a ventilating pipe through which foul air is removed from a room to the outer air,

Section 21. Main Sewer--Public Sewer.

The Main or Public Sewer is the Public Sewer in a street, alley, or other premises under the jurisdiction of the City of Lodi.

Section 22. Plumbing.

Plumbing is the business, trade or work having to do with the installation, alteration, or repair of Plumbing and Drainage Systems or part thereof.

Section 23. Plumbing System,

The Plumbing System is and includes all gas piping and appliances, water and supply and distribution pipes; all plumbing fixtures and traps; soil pipe, drainage pipes, special drainage and vent pipes; all drains and sewers; all water leaders and rain water drainage piping; including all their respective joints and connections, devices, receptacles and appurtenances within property lines of premises, excepting, however, yard sprinkler systems, water cooled air conditioning systems in dwellings and water softening appliances.

Section 24. Plumbing Fixtures.

Plumbing Fixtures are approved receptacles, or devices, intended to receive water, liquids, or other permissible wastes and discharge same into a soil pipe, drainage pipe or special drainage pipe with which they are connected.

Section 25. Plumbing Inspector.

The Plumbing Inspector means the Plumbing Inspector of the City of Lodi charged with the enforcement of the provisions of this Ordinance.

Section 26. Person.

Person means a natural person, his heirs, executors, administrators, or assigns; and shall also include a firm, partnership or corporation, its or their successors or assigns. Singular includes plural; male includes female.

Section 27. Shall.

The word ~~Shall~~ means mandatory,

Section 28, Stack.

Stack is a general term for any vertical line of soil, drainage, special drainage or vent pipe,

Section 29, Sand Trap, Settling Tank, Sump.

A water-tight receptacle, so designed and constructed as to intercept and prevent the passage of solids or other objectionable matter into the Drainage System to which it is directly or indirectly connected.

Section 30. Soil Pipe,

A Soil Pipe is any pipe which conveys the discharge of water closets, with or without the discharge from other fixtures, to the Main Drain or sewer,

Section 31. Trap Seal.

A Trap Seal is a maximum vertical depth of liquid that a trap will retain, measured between the crown weir and the tip of the trap.

Section 32. Trap.

A Trap, as pertaining to plumbing, is a fitting or device, so designed and constructed as to provide a liquid trap seal, which will prevent the passage of air or gas through it, without materially affecting the flow of sewage or liquid wastes.

Section 33. Vent Pipe.

A Vent Pipe is any pipe provided to prevent the loss or lowering of a trap seal by syphonage or back pressure, and to allow a circulation of air through the soil or drainage pipe to which it is connected.

Section 34. Drainage Pipe,

A Drainage Pipe is any pipe or fitting which directly conveys the discharge of any plumbing fixture, receptacle, apparatus or device

except water closets to a soil pipe, or main sewer.

Section 35. Special Drainage Pipe.

A Special Pipe, or indirect pipe, is any pipe or fitting which indirectly conveys wastes to a Drainage System, by discharging into an approved plumbing fixture, or receptacle which is directly connected to a soil or drainage pipe.

Section 36. Rain Water Leader.

A Rain Water Leader is any pipe or fitting, which conveys rain water only, to a drainage system or other legal point of disposal.

PLUMBING PERMITS AND FEES

Section 37. It shall be unlawful for any person, firm or corporation, whether acting as principal, servant, agent or employee to do or cause or permit to be done, any plumbing, drainage, gas piping or gas appliance work in the City of Lodi, without first securing a permit therefor from the Plumbing Inspector, provided, however, that no permit shall be required for minor repairs such as the stoppage of leaks.

Any person applying for a permit shall at the time the permit is granted pay the fees hereinafter set forth. All fees collected by the Plumbing Inspector shall be deposited with the City Clerk.

OWNER'S PERMIT

The Plumbing Inspector may issue a special owner's permit authorizing plumbing, drainage, gas piping or gas appliance work installed in or about a building owned by the applicant, but not elsewhere, provided that all work under owner's permit shall be done personally by the applicant.

FEES

The Plumbing Inspector shall collect the following fees for plumbing permits when issued:

- From 1 to and including 10 plumbing fixtures-----\$.75 each
- Additional for each plumbing fixtures over 10--- .50 each
- For replaced or reset plumbing fixtures----- .50 each
- For special sewer permit (See Section 43)----- .50 each

No fee will be charged for a plumbing or , s permit for fixtures installed in any publicly owned building.

Any person who shall commence any plumbing, drainage, gas piping or gas appliance work without a permit therefor, shall if subsequently permitted to obtain a permit, pay double the permit fee fixed for such work, provided, however, that this section shall not apply to emergency work when it is established to the satisfaction of the Plumbing Inspector that the work was urgent and that it was not practical to obtain a permit therefor.

TESTING

Section 38. The entire plumbing or drainage system of any building shall have all openings closed, and be filled with water to a point one foot above the highest fixture outlet. All outlets left in any drainage system for future fixture connection shall be closed with cleanout plugs of brass as specified in this Ordinance,

ACCESSIBILITY

Section 39. It shall be unlawful to conceal any plumbing or drainage system requiring inspection until after the same has been inspected and approved by the Plumbing Inspector. In any building wherein a floor or any part thereof approaches within three feet of any plumbing or drainage system immediately beneath such floor, such floor shall not be laid above such plumbing or drainage system, or part thereof, until the same has been inspected and approved by the Plumbing Inspector.

SEWERS AND DRAINAGE SYSTEM

Section 40. All sewers or drainage systems inside of any building from their fixture connections to property lines shall be of cast iron pipe, except in residential sections where sewers do not go under buildings, a substitute of iron stone or equal material may be used, of inside diameter not less than four inches. The different sections shall be laid with a slope downward towards the street sewer of not less than one-fourth of an inch vertical to one foot horizontal. Piping shall be made with "Y" or $\frac{1}{2}$ "Y" branches, and one-eighth, one-sixth or one-sixteenth bends, All soil, drainage or vent pipes shall be of either standard cast iron or galvanized wrought iron or galvanized steel, except where placed under

ground, cast iron pipe shall be used. All fittings on cast iron shall be standard and all fittings on wrought iron soil and drainage pipe shall be cast iron threaded drainage fittings. Fittings on wrought iron vents may be either cast iron threaded or galvanized wrought iron threaded. Where it is impractical to use cast iron or galvanized wrought iron pipe, other acceptable substitutes may be used, either of copper or lead.

All sewers throughout their entire length shall be uniform as to material, weight, shape and quality. All joints in cast iron pipe and fittings thereto shall be made tight by means of oakum and molten lead thoroughly caulked,

INTERMEDIATE SECTIONS

Section 41. The use of intermediate sections of pipe of different quality or kind, such as the introduction of sections of iron stone pipe between cast iron pipe, or of cast iron pipe between iron stone pipe, or of wrought iron or steel pipe between iron stone and similar pipe, will not be allowed.

OLD SEWERS

Section 42. Before either an old or new building of any height is placed upon a lot which has an old tile sewer within any part of the lot line, said tile sewer shall be replaced with a cast iron sewer pipe, run according to these rules and regulations.

Where a connection is to be made between a cast iron sewer and a tile sewer where the bell joint has been broken from the tile sewer, then an approved cast iron reducer of the proper size shall be used to make the connection.

INSPECTION OF OLD SEWER REPLACEMENTS

Section 43.

It shall be the duty of any person, firm or corporation when replacing an old sewer with a new sewer to notify the Plumbing Inspector so that he may make an inspection of the same before any backfill is made. It is not required that an inspection be made of minor repairs such as repairing a broken joint. A fee of 50¢ will be collected for each sewer permit issued by the Plumbing Inspector, fee to be paid and permit is to be taken out before work of changing is started.

TWO OR MORE BUILDINGS ON ONE SEWER.

Section 44. One sewer may serve two buildings which are located entirely on the same lot. Where more than two buildings located on one or more lots are to be connected to one sewer, an easement shall first be given to the City of Lodi if satisfactory to the City Engineer, before a building or plumbing permit shall be issued for such sewer connection as above mentioned.

Porches or the continuation of porches are considered a part of the main building,

ONE FOUR-INCH VENT

Section 45. Every sewer to which there is connected any plumbing fixture or fixtures, having a trap $2\frac{1}{2}$ inches or larger, shall have not less than one four-inch vent pipe which shall extend from such fixture to a height not less than one foot above the roof line of such building,

DURHAM SYSTEM

Section 46. All joints in threaded pipe shall be reamed and free from all cuttings and burrs. Fittings used shall be cast iron drainage fittings. Long turn pattern fittings shall be used on all horizontal lines of soil or drainage pipes. All pipe shall be screwed into its fittings, so as to make a continuous bore, leaving no space between end of a pipe and shoulder of a fitting.

HANGERS—HOW PLACED

Section 47. All soil and drainage pipes shall be supported at intervals of at least five feet for cast iron pipe and ten feet for screw pipe. Where such piping is suspended from structural parts of any building, it shall be secured against displacement by the use of wrought iron hooks or anchors or perforated wrought iron straps not less than 24 gauge in thickness and three-fourths of an inch in width.

SIZE OF PIPE FOR SEWERS

Section 48. The sizes of soil sewer and drainage pipe shall be regulated by the number of plumbing fixtures to be served by them, in accordance with the following table.

1½-Inch Pipe (not over four feet in length).....	2
2-Inch Pipe.....		20
2½-Inch Pipe..		35
3-Inch Pipe.....		70
4-Inch Pipe.....	50 or.....	100

CLEANOUTS

Section 49. Cleanout plugs shall be placed at the end of horizontal lines and at the bottom of all soil and drainage stacks, also in all changes of directions of horizontal runs where the length of the run thus changed is in excess of five feet. Horizontal runs to toilets in between floor joists or in inaccessible spaces between ceilings and floor above, need not have a cleanout plug at the end. When cleanout plugs on horizontal runs are below ground, and covered with concrete or similar materials, they must be brought to the surface at an angle of forty-five degrees.

Cleanout plugs shall be placed so as to be accessible and they must not be obstructed on account of approaching closer than twelve inches to any structural part of any building. Cleanout plugs above the first floor need not be carried through the floor and in pipe lines up to four inches in diameter shall be full size; and they shall not be less than four inches in diameter on lines which are in excess of four inches in diameter. The body of cleanout ferrules shall be made of either cast iron or brass, and be closed with plugs of brass not less than one-eighth of an inch in thickness with tapered threading, such that the plug may be made tight without the use of wicking or cements. Each plug shall have a solid square or hexagonal head not less than three-fourths of an inch high and one and one-half inches between parallel sides. Before cleanout plugs are installed they shall be coated with graphite on the threaded portion thereof.

Where cleanouts are brought up flush with finished floors or walks, they shall have counter-sunk heads, not less than one and one-half inches square and three-fourths of an inch deep, or a slot not less than 1½ inches long, 3/4 inch deep and 1/2 inch wide,

Plugs on cleanouts shall have the following diameters:

4" plugs.	3-3/4 inches
3" plugs..	2-3/4 inches
2" plugs	1-3/4 inches

SANITARY TEES

Section 50. "Sanitary Tees" and double "Sanitary Tees" may be used on vertical portions only of sewer or drainage systems.

HEEL INLETS AND QUARTER BENDS

Section 51. Heel inlet fittings shall not be used as drainage pipes through the two-inch openings except on the vertical portions of sewer or drainage systems. Side inlets on one-quarter bends may be used for vent pipes only where inlet is in a vertical position,

STEAM EXHAUST

Section 52. Steam exhausts shall not be connected directly to any part of a sewer or drainage system.

BACKING

Section 53. Proper backing shall be put in before any plumbing work can be concealed,

LOCATION OF "TEES"

Section 54. Every sewer or drainage system shall have a "Tee" located within five feet of the point where it leaves the building foundation and if such sewer or drainage system exceeds ninety feet in length, an additional "Tee" shall be installed. Such "Tee" shall be not less than four inches in diameter, made of cast iron, extended to the ground or sidewalk level, and be equipped with a four-inch cleanout.

CONDUCTORS AND LEADERS

Section 55. No storm water or roof drainage shall be connected or discharged into any part of the sanitary sewer system of the City of Lodi.

The running of roof drainage or storm water through conductors

or leaders onto the sidewalk is prohibited. They shall run under the sidewalk to the street gutter or storm sewer.

VENT PIPES

Section 56. All vent pipes and the fittings thereto shall be arranged so that no sediment can collect therein, but shall discharge into the drainage or soil pipe served, excepting that where such an arrangement as above is physically impossible then a sediment pocket not less than one foot in length and the full bore of the vent pipe to which it is attached and capped at its lower extremity shall be installed at the foot of such vertical vent pipe,

SIZE OF VENT PIPES

Section 57. The sizes of vent pipes shall be regulated by the number of plumbing fixtures to be served by them, in accordance with the following table, which gives the greater number of fixtures permissible on any vent pipe:

Size of Vent Pipe Permissible No.	of Water Closets-- Pipe	Permissible No. of Small Fixtures
1 $\frac{1}{4}$ -Inch Pipe-----		2
1 $\frac{1}{2}$ -Inch Pipe-----		6
2-Inch Pipe-----	12 or-----	24
2 $\frac{1}{2}$ -Inch Pipe-----	25 or-----	50
3-Inch Pipe-----	50 or-----	70
4-Inch Pipe-----	50 or-----	No Limit

Note: In calculating the number of fixtures for a given size vent, any fixture having a trap more than 2 inches in inside diameter shall be vented with a 2" vent. The table used to figure the size of closet vents also applies to traps larger than 2 inches.

VENTS TO ROOF

Section 58. Vent pipes may be run separately or combined and shall extend not less than one foot above the roof of the building, shall be left open at their upper ends and shall not terminate within ten feet from any door or window in the building served or, in adjacent buildings. All vent lines on the outside walls of a building shall be securely strapped to the building, No vent shall terminate under a cornice, eave, open porch, floor, or the overhang of a build-

ing ■

VENT ANGLES AND FITTINGS

Section 59. Branch vents shall be **run** with as few angles **as** possible. All cast iron vent pipes shall be equipped with cast iron fittings. Galvanized wrought iron or galvanized steel vent pipes may be equipped with threaded galvanized wrought iron, malleable cast iron or black cast iron fittings.

INTERSECTION OF VENTS

Section 60. A vent pipe serving any fixture shall not intersect with a main **or** branch vent pipe at a point less than three feet six inches vertically from the finished floor upon which such fixture is situated.

VENT TO A DOUBLE FITTING

Section 61. Where two fixtures, the same in kind, are connected by a double fitting to a drainage line, the **center** of which is not more than three feet and six inches from either fixture measured in a horizontal direction, one vent pipe may be used to vent both fixtures. Baths or shower baths are considered a like fixture.

FIXTURES, FITTINGS, MATERIAL AND METHODS NOT PERMITTED

Section 62. The use of the following fixtures, fittings, material and methods are not permitted:

Crown venting of traps.

Masonry, metal **or** earthenware flues as sewers, drains or vents ■

Black wrought iron or black steel pipe on any drainage or sewer **system** except recess drainage fittings.

Bell traps.

Tapping **and** threading of soil, drainage, vent or sewer pipe **for** fixture connections.

Setting of closets in plaster, cement, or similar materials.

Soldering rings, malleable unions **or** lead collars on the sewer side of any trap.

Reducing the end of any horizontal drainage line smaller than **four** inches in order to make connections with another soil **or** drainage line.

The following types of water closets. Plug, pan, common hopper, washout either front or rear, rim flush, hopper or off-set.

Wooden fixtures lined with sheet metal, except tanks for water closets and urinals.

The building or drainage, soil or vent pipes entirely within any masonry walls.

Urinal or closet drainage feeding a floor drain, excepting when same is fed directly from a flushing tank.

Solid wooden bottoms for back bar sinks.

ALTERATIONS IN PRESENT BUILDINGS

Section 63. When for any reason alterations are made in drainage, soil or drain pipes in any building already erected, such changes shall be of such nature as will cause the altered soil or drain pipes to conform throughout to the provisions of this ordinance; and when any building is removed from one site to another or raised, or lowered, then all the plumbing, gas pipes and appliances in such building shall be made to conform to the provisions of this ordinance.

SIZE OF DRAIN TRAPS

Section 64. Sizes of drainage traps shall be regulated by the size of the plumbing fixtures served by them, in accordance with the following table which gives the inside diameter of the trap required for any plumbing fixture:

TABLE

Kind of Fixtures	Inside Diameter of Trap
Slop Sinks and Hoppers-----	1½" or more
Floor Drains-----	1½" or more
Dental Cuspidors-----	@ or more
Drinking Fountains-----	1" or more
Bath Tubs-----	1½" or more
Lavatories-----	1½" or more
Sinks-----	1¼" or more
Wash Trays-----	1½" or more
Scullery Sinks-----	1½" or more
Porcelain Stall Urinals-----	2" or more

Water Closet or Garbage Chutes-----3 " or more

Water Closet or Garbage Chutes-----3 * or more

DISTANCE BETWEEN TRAPS AND FIXTURES

Section 65. Drainage traps shall be installed as close as is possible to the outlet of the fixture being served, and in no case at a distance therefrom greater than three feet and six inches,

TRAPS FOR COMBINATION OF FIXTURES

Section 66. A combination of one sink and one wash tray or of not more than three laundry trays or a battery of three wash basins may be served by one trap.

NON-SIPHONING TRAPS

Section 67. Where it shall be found to be impracticable to vent any fixture, a special permit shall be secured from the Plumbing Inspector for the use of a non-siphoning trap. Where drum traps are allowed, they shall be not less than four inches by eight inches,

EVERY FIXTURE TO BE TRAPPED AND VENTED

Section 68. Every fixture connected to a cesspool, septic tank or the sanitary sewer system of the City of Lodi, whether said fixture or fixtures be directly connected or by means of a bilge pump or automatic ejectors, shall be properly trapped and vented so as to comply with all the various sections of this plumbing ordinance governing the trapping and venting of plumbing fixtures.

PLUMBING FIXTURES—WATER CLOSETS

Section 69. Connections between water closet fixtures and soil pipe may be made by means of a combination lead and iron ferrule of standard pattern. Heavy brass water closet flanges of approved type shall be soldered to all lead bends, stubs, or lead ferrules. When either iron bends or pipe are used instead of lead bends or lead ferrules to connect toilets or other similar fixtures to soil pipe, then a heavy iron floor flange of approved pattern shall be securely caulked or screwed to the outlet.

When closet bowls are flushed from high tanks the flush pipe shall in no case be less than one and one-fourth inches in diameter, and the tanks shall be not less than five feet above the floor.

SUMP AND EJECTORS

Section 70. In any building in which any part of the drainage system lies at level lower than the crown of the main street sewer into which such drainage system will empty, the sewage from such drainage system shall be discharged into an air-tight case or sump or receiving tank which shall be so placed that this discharge will take place by gravity and from which sump air-tight case, or receiving tank the sewage shall be lifted and discharged into the sewer by any mechanical device, automatic or otherwise, provided that if such mechanical device is not automatic in its operation, then such sump air-tight case or receiving tank shall be of sufficient capacity to retain all of the sewage entering therein during a period of not less than twenty-four hours and provided further that all sumps, air-tight cases, receiving tanks and mechanical devices, automatic or otherwise for the lifting of such sewage from such sump, air-tight case or receiving tank and discharging the same into the sewer shall be approved in writing by the City Engineer.

WATER, AIR OR STEAM OPERATED EJECTORS

The vertical drain pipe shall in no case be smaller than the outlet on the ejector.

The horizontal drain pipe shall be galvanized or cast iron and one-quarter ($1\frac{1}{4}$ ") inches in diameter or larger.

Recess drainage fittings shall be used to drain lines $1\frac{1}{4}$ inches and over.

Where necessary a check or gate valve or both shall be installed on the drain line.

The drainage of no other fixtures shall be connected to the drain lines from ejectors.

The drainage lines from electrically operated ejectors shall be directly connected to the main sewer.

SLOP SINKS

Section 71. Slop sinks shall be made of either enameled cast iron, porcelain, glazed earthenware or other non-absorbent material and when not supported on a trap standard shall be supported on a rigid metal frame excepting that they may be set upon a floor and

connected to the drain or soil pipe in the same manner as water closets.

URINALS

Section 72. Urinals shall be made of enameled iron, porcelain or other non-absorbent material, excepting sheet metal, and they shall be supplied with water either from an automatic flushing tank of not less than one gallon capacity per urinal or through a flush valve.

REFRIGERATORS

Section 73. Refrigerators, soda fountains or storage compartments for the storage of food shall not be directly connected to any part of the sewer or drainage system but shall discharge into a trapped and vented receptacle or either cast iron galvanized, or cast iron enameled, and not smaller than six inches across in its smallest dimension. Receptacle shall be placed above the floor where possible.

HOPPERS

Section 74. Hoppers shall be porcelain enameled inside and all hoppers shall be provided with traps not less than one and one-half inches ($1\frac{1}{2}$) inside diameter.

Ice boxes and soda fountains may drain into hoppers providing hoppers are properly connected to sewer, are in close proximity to ice boxes and soda fountains draining into the same, and are set above the floor.

DENTAL CUSPIDORS

Section 75. Dental cuspidors shall drain through a one and one-half inch trap which shall be vented with a one and one-fourth inch vent pipe and shall be located within three feet and six inches of a drain pipe receiving this discharge. On the inlet side of such trap an extension of one and one-quarter inch pipe may be connected. The length of such extension shall not exceed ten feet measuring from its extreme end to the trap seal. Two dental cuspidors may drain through a one and one-quarter inch drainage pipe, three or more dental cuspidors shall drain through a one and one-half inch drainage pipe.

SCULLERY SINKS

Section 76. Scullery sinks and supports shall be made entirely of metal.

FLOOR DRAINS

Section 77. Floor drains consisting of a "tee" and four-inch cleanout plug, extending within eight inches of the bottom of a twenty-four inch by eighteen inch deep water-proof container provided with a perforated removable cover may be installed without vent where the discharge is through a drainage system equipped with a four-inch vent stack, for the drainage of floors in garages, stables, factories, laundries, shops or other large areas. In any building where oils, greases or inflammable liquids may enter the drainage system there shall be installed either a special garage floor drain and grease trap similar to the Dehn Peerless Garage Floor Drain or a trap made of concrete approved by the Plumbing Inspector.

DRINKING FOUNTAINS

Section 78. The size of drain lines from drinking fountains shall be as follows:

From 1 to 5 fountains-----1 1/4"
Over 6-----1 1/2"

Recess drainage fittings shall be used on drain lines.

Drinking fountains shall be properly trapped and vented.

SHOWER BATHS

Section 79. Floor drains other than those mentioned in Section 77 shall comply with the following section:

Drains from any floor other than showers shall have an effective trap of a diameter not less than two (2) inches and vented where possible. Where necessary, the traps shall be supplied with water, where so doing it shall meet with the approval of the Plumbing Inspector.

INSPECTION

Section 80. All plumbing, drainage, gas piping, or gas appliance installations, alterations or repairs shall be inspected by the Plumbing Inspector. A written application for inspection must be given by the permittee to the Plumbing Inspector to inspect

both the rough and finish work and all work must be left uncovered and accessible for inspection. Inspection shall be made within twenty-four hours after the application therefore has been filed or as soon thereafter as practicable. Applications for final inspection shall be made within five days after the completion of the work. Any person, firm or corporation failing to comply with this section shall be required to pay an additional fee of \$1.00 for final inspection.

SPECIAL FIXTURES

Section 81. Plumbing fixtures not mentioned in this plumbing ordinance may be used and connected with a sewer or drainage system only after such fixtures and methods of installation have been approved by the City Plumbing Inspector.

PART 2

DEFINITIONS

Section 82. Gas Appliance Dealer.

One who sells and installs gas appliances.

Section 83. Gas Appliance.

A fixture or apparatus manufactured and designed to use natural, manufactured or mixed gas as a fuel for developing light, heat, refrigeration or power.

GAS APPLIANCES AND GAS PLUMBING

Section 84. The maintenance and repair of GAS APPLIANCES and/or gas piping on the outlet side of the meter shall be in accordance with the provisions of Ordinance No. 254 of this city, as amended from time to time, entitled, "AN ORDINANCE REGULATING THE SALE, INSTALLATION, MAINTENANCE AND REPAIR OF APPLIANCE AND/OR GAS PIPING ON THE OULET SIDE OF GAS MEIERS FOR USE WITHIN THE CITY OF LODI, AND PROVIDING FOR INSPECTION THEREOF, ISSUANCE OF PERMITS AND COLLECTION OF FEES THEREFOR, LICENSING OF PERSONS ENGAGED IN THE BUSINESS THEREOF, IMPOSING OF PENALTIES FOR VIOLATION OF THIS ORDINANCE, ADOPTING A STANDARD GAS CODE IN RESPECT THERETO, AND REPEALING ALL ORDINANCES IN CONFLICT THEREWITH" save and except that wherever the Inspector mentioned in said Standard Gas Code is

mentioned, it shall and mean the City Plumbing Inspector created by this ordinance and not the City Engineer as mentioned in said Ordinance NO. 254, it being the intention of this section that all inspections of gas appliances and gas piping shall be performed by the City Plumbing Inspector.

INVALID SECTIONS NOT TO AFFECT ENTIRE ORDINANCE

Section 126. If any section, subsection, sentence, clause or phrases of this ordinance is for any reason held to be unconstitutional or otherwise invalid, such decision shall not affect the validity of the remaining portions of this ordinance. The City Council of the City of Lodi hereby declares that it would have passed this ordinance and each section, subsection, sentence, clause and phrase thereof irrespective of the fact that any one or more other sections, subsections, sentences, clauses or phrases be declared unconstitutional or otherwise invalid.

PENALTY FOR VIOLATION OF ORDINANCE

Section 127. Any person violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine of not more than three hundred dollars (\$300.00) or by imprisonment in the county jail for not more than six months or by both such fine and imprisonment.

Section 128. All ordinances and parts of ordinances in conflict herewith are hereby repealed in so far as such conflict may exist.

Approved this 18th day of December, 1946


MAYOR

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I, J. F. BLAKELY, City Clerk of the City of Lodi and ex-officio Clerk of the City Council of said City, do hereby certify that the foregoing Ordinance No. 331 was regularly introduced in the City Council of said City on the 4th day of December, 1946 and was thereafter, on the 18th day of December, 1946, regularly passed adopted and ordered to print by the following vote:

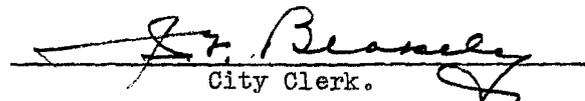
AYES: Councilmen, Haskell, Riggs, Lytle, Tolliver and Rinn.

NOES: Councilmen, None.

ABSENT: Councilmen, None.

I further certify that said Ordinance No. 331 has been approved by the Mayor of this City.

December 18, 1946.


City Clerk.