



BUILDINGS
2023-001
BULLETIN
TECHNICAL

ISSUANCE DATE
March 17, 2023



ISSUER: Keith L. Wen, R.A. 
Assistant Commissioner, Code & Zoning Interpretation

PURPOSE: This Bulletin rescinds 18 Memoranda, 1 Directive, and 3 Letters which were issued by the Department but are no longer applicable under current Codes and Local Laws.

SUBJECT(S): Rescinding a Directive, Memoranda, and Letters

RESCINDED DOCUMENTS

Directive 6 of 1974

Memo 2/15/78, Memo 11/29/77, Memo 10/9/91, Memo 7/10/70, Memo 1/21/83,
Memo 2/4/75, Memo 6/26/72, Memo 9/26/79, Memo 2/1/93, Memo 7/3/90,
Memo 12/12/80, Memo 4/28/81, Memo 4/8/81, Memo 9/20/76, Memo 3/10/95,
Memo 1/30/79, Memo 9/19/75, Memo 12/2/86

Letter 12/17/86, Letter 9/22/89, Letter 4/15/91

BACKGROUND

The Department of Buildings periodically reviews published Buildings Bulletins (BB), Policy and Procedure Notices (Technical, Operational, Legal, Administrative, OTCR) and the various Directives, Executive Orders, Memoranda and Letters issued in the past to ensure their continued consistency with current Departmental practice and to verify that new laws and regulations are incorporated into these documents.

The above listed Directive, Memoranda, and Letters are rescinded effective immediately and are attached therein.

The rescinded documents will appear on the Department's website with the watermark **RESCINDED**. Because this review is ongoing, documents not specifically listed in this Bulletin may be addressed in future bulletins. Watermarked Memoranda, Directives, Executive Orders and Letters may be accessed through the online version of this Buildings Bulletin at <https://www1.nyc.gov/site/buildings/codes/building-bulletins.page>.

**RESCINDED BY
BUILDINGS BULLETIN 2023-001**

THE CITY OF NEW YORK
HOUSING AND DEVELOPMENT ADMINISTRATION
DEPARTMENT OF BUILDINGS

DIRECTIVE NO. 6 OF 1974

DATE: April 26, 1974

TO: Borough Superintendents

FROM: Thomas V. Burke, P.E., Director of Operations,

SUBJECT: STORAGE OF LIQUIFIED PETROLEUM GAS

PURPOSE: This directive provides standards for both the outdoor and the indoor storage of specified amounts of liquified petroleum gas for use as fuel for material handling equipment, similar to hi-lows. Such storage, when it complies with the regulations and limitations contained herein, shall be considered as an incidental occupancy and therefore need not comply with the fire division and fire separation requirements of Article 2 of the Building Code or with the occupancy classification requirement of Article 3 of the same code. Whenever such storage exceeds the limitation described herein it shall comply with all requirements normally associated with High Hazard Occupancy Group A. In either event, in addition to requiring a Building Department permit, a Fire Department permit for the storage of combustibles must be obtained. Containers shall be stored outdoors unless outdoor storage space is not available. Criteria for the accessory storage of liquified petroleum gas for use as fuel for hi-low and similar material handling equipment are as follows:

1. OUTDOOR STORAGE

- a. No gas container is to exceed 1½ cubic feet in capacity.
- b. Storage shall be in either a non-combustible enclosure or an area surrounded by a substantial metal fence enclosure.
- c. The enclosed area shall not exceed 54 square feet in area and shall be adequately secured against access by unauthorized persons.
- d. Where the storage area is enclosed by a solid, incombustible fence, screened ventilation openings having an area of at least 1% of the enclosed floor space and located no closer than 5 feet from any building opening shall be provided at bottom of the fence.
- e. A sign shall be posted on the enclosure with letters at least 2 inches high, to read as follows:
"DANGER - L.P. GAS - KEEP FIRE OR FLAME AWAY - NO SMOKING"

continued... .

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1. OUTDOOR STORAGE continued

- f. No combustible debris, grass or weeds shall be permitted to accumulate within 10 feet of the enclosure.
- g. Each cylinder valve shall be fully closed and fitted with a protective cap or steel collar at least 6 inches in diameter and 6 inches in height to protect such valve from impact or other mechanical injury.
- h. All valves shall be protected from accumulation of ice and snow.
- i. Enclosures shall be at least 5 feet from the lines of property occupied by schools, churches, hospitals, nursing homes, athletic fields, or other places of public gatherings.
- j. Such storage areas shall be permitted obstructions in any required front yard or rear yard, but shall not be permitted to be located within 10 feet of any means of egress, nor in any open area adjacent to Residence District boundaries that prohibit open storage of materials.

2. INDCOR STORAGE

- a. Rooms used for such storage shall be used exclusively for such storage and for no other purpose.
- b. The area of such room shall not exceed 45 square feet.
- c. The walls, floors, and ceilings of such rooms shall be constructed of materials having at least a two hour resistance rating.
- d. A portion of the exterior walls or roof having an area of not less than 10% of that of the combined area of enclosing walls and roof shall be single strength glass or similar explosion relieving construction.
- e. Each opening from the storage room to other part of the building shall be protected by a fireproof self-closing door having at least a 1½ hour fire resistance rating.
- f. Such rooms shall be ventilated at both top and bottom to the outside only by openings having an area of at least 1% of the floor area of the storage room and located not closer than 5 feet from any other opening in the same building.
- g. The floors of such rooms shall not be located below ground level and any space below the floor shall be filled solidly or shall be ventilated to outer air.

continued....

2. INDOOR STORAGE continued

- h. Such rooms shall not be located on the line of adjoining property occupied by schools, churches, hospitals, nursing homes, athletic fields, or other places of public gatherings.
- i. All lights and switches shall be explosion proof.
- j. A sign shall be posted on the storage room, with letters at least 2 inches high, to read as follows:
"DANGER - L.P. GAS - KEEP FIRE OR FLAME AWAY - NO SMOKING".
- k. Plans for the construction of indoor storage rooms shall be filed with the Department of Buildings and a copy of the approved plans shall be filed with the Fire Commissioner by the owner or his representative.

TVE/TEM/sc


Thomas V. Burke, P.E.
Director of Operations

cc: Comm. J.T. Walsh, P.E.
Dep. Comm. A.J. Jenkins
Exec. staff

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**THE CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

DEPARTMENTAL MEMORANDUM

DATE: February 15, 1978

TO: The Borough Superintendents
FROM: Irving Polsky, P.E., Acting Executive Engineer
SUBJECT:
Swimming Pools

Enclosed herewith is extract from The City Record, dated February 9, 1978, pertaining to the adoption by Board of Health of amended Article 165, Bathing Establishments, to the New York City Health Code to update that adopted in 1959.

The Building Code adopted in 1968 is presently not consistent with these new regulations.

This Department has proposed legislation that would amend Section C26-106.2, subdivision (d), sub-article 714.0, and sections P116.0 and P116.1 of the appendix building code reference standards for bathing establishments and swimming pools to be in agreement with the Health Code.

You may be guided by the foregoing.

Irving Polsky, P.E.

Irving Polsky, P.E.
Acting Executive Engineer

IP:br

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THE CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

DEPARTMENTAL MEMORANDUM

DATE: November 29, 1977

TO: Borough Superintendents

FROM: Director of Operations Irving E. Minkin, P.E.

SUBJECT: TESTS OF PLUMBING AND GAS PIPING

Section C26-1606.3(b) of the Administrative Code stipulates that any required test of plumbing or gas piping systems be witnessed by an authorized plumbing inspector of this department.

This is noted in Modification #1 to Directive 14/75, dated February 27, 1976, as an exception to item numbers 5 and 6 in the directive, which otherwise permits a registered architect or licensed professional engineer to sign off all other completed work that can appropriately be filed in a Building Notice application.

In view of the misunderstanding that has arisen in at least one of the boroughs, advise all inspectorial and administrative personnel of the above-mentioned requirements.


Irving E. Minkin, P.E.
Director of Operations

IEM/df

CC: Exec. Staff
BCAC
Master Plumber License Board

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MEMO FROM THE COMMISSIONER

RUGCLPH L. RINALDI

October 9, 1991

To The Plumbing Industry:

The Department of Buildings is constantly considering ways to increase productivity and provide better service. This is true now more than ever as the budget reductions cut our staff by 107 positions and \$3,000,000. Accordingly, I want to make you aware of what we are doing to assist you and ask for your help in getting some legislative changes.

PRAs by Mail: Commencing November 25, 1991 you will no longer need to visit the Buildings Department and stand in line in order to file plumbing repair applications (PRAs) and commence work. *All PRA filings will be done exclusively through the mail.* This change will save plumbers thousands of hours. Enclosed please find a notice providing the details of the new procedure.

Increase PRA Cap From \$7,500 to \$20,000: The "PRAs By Mail" will help you but we want to do even more. In 1989, the Department proposed legislation to raise the monetary filing limit on PRAs from \$7,500 to \$20,000. This would allow a greater number of plumbing applications to be filed under the abbreviated PRAs procedure permitted by the Code.

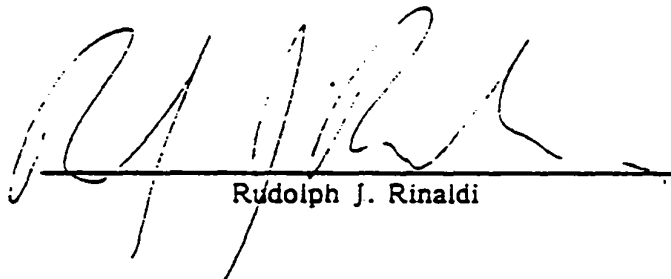
Reducing Unnecessary Inspections: The Department has drafted legislation proposing the exemption of minor plumbing work from mandatory inspection by the City, exactly like Local Law 73/88 for minor electrical work. Minor plumbing work must still be filed with the Department and be performed by a licensed plumber. This work will be spot-checked by the City. The proposed exemption includes, but is not limited to, replacement of fixtures on existing or new roughing (provided toilet room configuration is not changed from approved plans), piping and connections for medical gases (O₂ - CO₂, Halon) and relays and house sewers (exterior). By reducing mandatory inspection requirements on minor work, the Department will be able to better deploy its resources and provide quicker service on larger jobs.

Privatization: Lastly, the Department has drafted legislation and incorporating documents to establish a private corporation to conduct plan reviews and inspections for plumbing and fire suppression work. This move toward privatization is prompted by, among other reasons, the persistent staffing/recruitment difficulties and rising workloads within the Department's plumbing inspection division. Meetings with the Plumbing Foundation, Master Plumbers Council and New York Fire Sprinkler Contractors Association are ongoing

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and when all the issues (powers, jurisdiction, finances, etc.) have been resolved the bill will be submitted to the City Council.

The above proposed legislative changes would significantly help the City of New York and the plumbing industry and I ask that you work with your respective association(s) to gain passage of these bills.



Rudolph J. Rinaldi

Enclosure

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HOUSING AND DEVELOPMENT ADMINISTRATION
DEPARTMENT OF BUILDINGS

DEPARTMENTAL MEMORANDUM

DATE: July 10, 1970


TO: Borough Superintendents.

FROM: Irving E. Minkin
Executive Engineer

SUBJECT: Board of Standards and Appeals Rules Governing the Design,
Construction and Installation of Plastic Pipe and Fittings-
Cal. No. 310-70 SR

Herewith forwarded for distribution to engineering and inspectorial personnel are copies of a special resolution of the Board of Standards and Appeals, promulgating rules governing the design, construction and installation of plastic pipe and fittings, adopted by the Board on June 10, 1970.

These rules appear on Pages 515 and 516 of Bulletin No. 25 of the Board of Standards and Appeals, published June 18, 1970, and are effective as of July 8, 1970.


Irving E. Minkin
Executive Engineer

Commr. O'Neill
Dep. Commr. Ferro
Ass't. Commr. Padavan
Executive Staff
The Industry

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**RESCINDED BY
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**THE CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

DEPARTMENTAL MEMORANDUM

DATE: January 21, 1983

TO: Borough Superintendents, Executive Staff
& Industry
FROM: Irving Polsky, P.E., Executive Engineer

SUBJECT: Modification of the Board of Standards & Appeals
Rules for Arc and Gas Welding
Cal. No. 1-38-SR-Vol. II
Volume LXVIII, Nos. 1 and 2 - January 13, 1983

Enclosed herewith is a copy of the above-mentioned matter, which modifies Board Rules 14.3 and 14.6 to establish a Class 4 for Shop and Field Welding and Welders.

Please ask your personnel to insert this modification in page 266 of Building Laws of the City of New York, Volume 2 (to September 1979).

Irving Polsky, P.E.
Irving Polsky, P.E.,
Executive Engineer

IP/gt
Enc.

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1-38-SR-Vol. II

APPLICANT—Rules for Arc and Gas Welding and Oxygen Cutting of Steel Covering the Specifications for Design, Fabrication and Inspection of Arc and Gas Welded Steel Structures and the Qualifications of Welders and Supervisors.

SUBJECT—Modification of the Rules (Rules 14.3 and 14.6).

AUTHORITY—Section 666, paragraph 2 of the Charter of the City of New York.

APPEARANCES—
For Applicant: None.

ACTION OF BOARD—Application Reopened and resolution amended in accordance with the report and recommendation of Committee on Test.

THE VOTE TO GRANT—
Affirmative: Chairperson Deutsch, Vice Chairman Fossella, Commissioner Agusta, Commissioner

Carroll, Commissioner Wolf and Commissioner Bockman 6
Negative 0

THE RESOLUTION—

Whereas, the report of a Committee on Test reads:
The Rules for Arc and Gas Welding and Oxygen Cutting of Steel Covering the Specifications for Design, Fabrication and Inspection of Arc and Gas Welded Steel Structures and the Qualifications of Welders and Supervisors adopted by the Board of Standards and Appeals February 25, 1938, effective March 31, 1938; amended May 17, 1940; effective June 10, 1940; amended September 17, 1954, effective October 18, 1954; amended May 25, 1956, effective June 25, 1956; amended December 13, 1968; effective January 18, 1969; amended January 15, 1974; effective February 4, 1974; amended May 24, 1977, effective June 13, 1977; and hereby amended December 7, 1982, effective January 6, 1983 is hereby modified such that Rules 14.3 and 14.6 are revised as follows:

1. Add the following to Rule 14.3:

CLASS 4. Shop and Field—For arc welding in all positions of sheet steels or strip steels or both, including cold-formed members, 0.1345 inches (3.416mm), 10 gage or less in thickness. Such welding may involve connections of sheet steel or strip steel, or both, to thicker supporting structural members.

2. Amend Rule 14.6 so as to add a paragraph between its first and second paragraphs. The amended rule shall read as follows:

14.6 Welders who have been certified by the Board of Examiners may be assigned to other electric arc welding processes. As a prerequisite to such an assignment, the welder shall have been trained in the process by his employer, an inspection agency, or a testing laboratory acceptable to the Commissioner, and said welder shall be given a certificate for the required test. No further certification by the Board of Examiners for Welders shall be required, except for annual renewals.

Welders who have been certified by the Board of Examiners for Class 1, or Class 1-Restricted licenses are also qualified to perform Class 4, Shop and Field, electric arc welding work.

All persons performing welding shall have in their possession their welding license and any additional certifications issued pursuant to this Rule. Upon request of an engineer or inspector of the department or upon request of an engineer or architect designated for controlled inspection of welding work on the structure or upon request of an authorized representative of a recognized testing laboratory designated to inspect welding work on the structure, a person performing welding, which welding is subject to these rules, shall present his license to said engineer, architect, inspector or testing laboratory representative for inspection.

NOTE: *Italic matter is new.*

(Sgd.) GEORGE IRA SCHULMAN,
Executive Director,
For the Committee on Test.
GEORGE SELMAN, P.E.
THOMAS W. FARRICKER, JR.,
Project Coordinator,
STUART LOWENTHAL, P.E.

Resolved, that the Board of Standards and Appeals does hereby amend the above cited resolution in accordance with the above report.

Adopted by the Board of Standards and Appeals, January 4, 1983.

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HOUSING AND DEVELOPMENT ADMINISTRATION
DEPARTMENT OF BUILDINGS

DEPARTMENTAL MEMORANDUM

DATE: February 4, 1975

TO: Borough Superintendents

FROM: Thomas V. Burke, P.E.

SUBJECT: Gas Cards and Fire Extinguishing Systems

Purpose:-

The purpose of this memorandum is to clarify the procedure in the issuance of gas cards in connection with the installation of restaurant equipment, range hood, ventilating systems and extinguishing system.

Problem:-

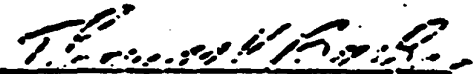
The plumbing division will not sign off an application or gas card until the system has been inspected and tested, and the extinguishing system and ventilating system has been installed and inspected (by others). Similarly the Fire Department representative would not sign off the extinguishing system until the gas had been turned on and the solenoid gas shut-off tested.

Procedure:-

1. The plumbing inspector will test the gas piping with inert gas, fuel or air, in accordance with 226-1825.4 (d). The piping and gas solenoid can be tested and inspected without the operation of the extinguishing system.
 - (a) The manometer is installed up-stream of the gas solenoid valve. A pressure reading is taken with the solenoid valve in the open position. If no loss of pressure, the solenoid valve is activated manually without operating the extinguishing system; *ib*: manometer is read.
 - (b) The gas equipment valve is now opened down-stream of the closed solenoid valve. If there is no drop in pressure, the solenoid valve has operated and is properly seated.
2. The Fire Department representative can check its extinguishing system independently without having the fuel gas on. All that is required with respect to the solenoid valve is to determine that it has tripped; visual or audible. If the extinguishing system test is satisfactory, the plumbing division will be notified by letter.

On receipt of the Fire Department approval letter which may contain a reference that the gas solenoid valve operation is under Building Department jurisdiction and evidence of a form 25 on the ventilation system in gas record, the gas card may be issued.

Similarly, the gas card may be issued when a registered architect or engineer has filed a controlled inspection form 25, indicating that the Fire Department has witnessed a satisfactory test on the extinguishing system.


Thomas V. Burke, P.E.
Director of Operations

TJB:KL:ah

The City of New York
HOUSING AND DEVELOPMENT ADMINISTRATION
Department of Buildings

DEPARTMENTAL MEMORANDUM

DATE: June 26, 1972

TO: Borough Superintendents

FROM: Thomas V. Burke, P.E., Director of Operations

SUBJECT: Department Form 8 (Rev 7/68) - Plumbing, Mechanical Equipment
and Tank Installation
Water Use Charges - Bureau of Water Register

OBJECT:

To cooperate with the Bureau of Water Register (Department of Water Resources-Environmental Protection Administration) in order to improve the efficiency of establishing water use charges and thereby increase the cash flow to the City of New York. The initiation of this innovative program will not only expedite the collection of the much needed revenues, but will also result in a substantial increase in the productivity of both departments.

BACKGROUND:

- A. The Bureau of Water Register will furnish a supply of Department forms "Plumbing, Mechanical Equipment and Tank Installation" identified on the upper left corner as follows: "Form 8".
- B. Bureau of Water Register form "Form 8" varies from Department of Buildings "Form 8 (Rev 7/68)" as follows:

Front Side:

1. "Distance of Property Line From Corner" - added.
2. "Multi-Bldg? Yes ___ No ___" - added.
"Multi-Bldg" refers to situation where there is more than one building on a lot.
3. Telephone numbers of owner, etc. is now requested.

Reverse Side:

1. "Air Conditioner: Tonnage Air ___ Water ___" now requested.
2. "Outside Hose Bib: Yes ___ No ___" now requested.
3. Table of Fixtures:
Kitchen Baths)
Stall Showers) - now added.
Furnished Rooms)

continued....

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REQUIRED ACTION:

1. For New Building, Alteration and Building Notice applications, distribute "Form 8" for use by applicants. This applies to the initial filing as well as to amendments to new or previously filed applications.
2. Please require that an additional copy of "Form 8" be filed - this means a total of five as the Plumbing Form is presently required in quadruplicate.
3. Upon approval of the Plumbing Specification Sheet "Form 8", please forward the extra (fifth) copy to:

Director
Bureau of Water Register
Department of Water Resources (EPA)
Room 2424 - Municipal Building
New York, N.Y. 10007

EFFECTIVE DATE:

The Bureau of Water Register will furnish a supply of Revised "Form 8" shortly and they will be made available to each borough.


Distribute the revised forms upon receipt.

Inform the plan desk that the revised Plumbing Specification sheets are required, effective July 1st, 1972. However, should an applicant file the "old" forms or file forms in quadruplicate instead of quintuplicate, please have the applicant make appropriate changes (or submit additional Form 8) in ink. This is to continue until September 5, 1972, when only revised form "Form 8" filed in quintuplicate, will be accepted.

ATTACHMENT:

"Form 8"

TVB/PEO/sl


Thomas V. Burke, P.E.
Director of Operations

cc: Exec. Staff
BCAC - Industry
Director, Bureau of Water Register

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THE CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

DEPARTMENTAL MEMORANDUM

DATE: September 26, 1979

TO: Borough Superintendents
FROM: Blaise F. Parascandola
Deputy Commissioner
SUBJECT: Plumbing Mechanical and Tank Installation - B Form 8

Enclosed please find latest revision of B Form 8 as of 7/1979. This form is to be used immediately. Old forms are to be discarded. New forms can be obtained from Bernard Grossman, Deputy Director of General Services, 120 Wall Street, NY.

Please note that this revision includes bidets as an acceptable fixture if in conformance with Reference Standard RS16.

Copies of B Form 8 are to be continued to be forwarded to the Bureau of Water Register, Department of Environmental Protection for informational purposes. The Bureau of Water Register has indicated that the water charge for bidets installed and approved by the Department of Buildings should be a minimum of \$10.50 per annum. This fee will be billed by the Bureau of Water Register.


Blaise F. Parascandola
Deputy Commissioner

BFP:mh

cc: Commr. Fruchtman
Dep. Commr. Minkin
Asst. Commr. Dennis
L. Dwoskin
Chief Plumbing Inspectors
Members, MPLB

SEP 27 1979

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MEMO FROM THE COMMISSIONER

RUDDOLPH J. RINALDI

February 1, 1993

To All Licensed Plumbers:

One of my chief goals as Commissioner has been to make the Department of Buildings more user-friendly to the public and to the building trades that rely on our services.

With that in mind, effective February 8, 1993 in Queens, I am pleased to announce the implementation of our new computerized plumbing inspection appointment system that will enable the Department to significantly reduce the turnaround time for inspections. Our aim is to provide an inspection appointment within three (3) business days of a telephone request.

Besides accelerating the inspection process, the Department has streamlined the paperwork flow by combining the inspection request, the on-site inspection report and the gas card ("blue card") into one (1) computer-generated work order form. This three-part carbonless copy document clearly notes the area(s) of inspection and the inspection type, and the results. After noting the result -- observations, objections or approval -- on this form, the inspector gives the duplicate pink copy to the licensed plumber at the site and returns the other copies to the Department at the end of each day for data entry of the outcome into the computer. The plumber immediately can submit the inspection results to the property owner or proof of a successful gas test to the utility company. The utility companies have been advised of the new work order format and will be able to access our computer to confirm the result of an inspection.

Since inspection results are entered into the computer, they are easily accessed. Anyone can view the results of a particular plumbing inspection, free of charge, through the public access terminals located in each borough office, or for a fee, subscribers of BIS remote access can view this information at their offices.

In addition to improving our plumbing inspection process, we also have two legislative measures before the City Council to make other parts of the City process easier and less costly for you and the public. First, we have proposed a bill (Intro. 819/91) that would raise the cap on Plumbing Repair Applications (PRAs) from \$7,500 to \$20,000 so that many more jobs can be filed by plumbers themselves and the simplified mail-in procedures can be utilized instead of requiring trips to our local offices.

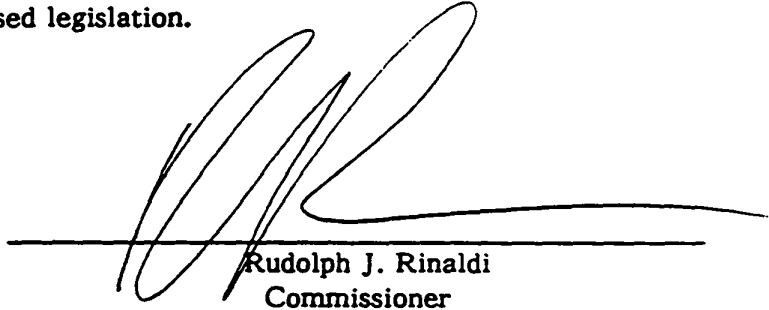
Second, we have proposed a bill (Intro. 391/92) that would delete the mandatory Department inspection requirement for some types of minor plumbing work. Of course, a

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licensed plumber still will be required to file and perform this work. Local Law 73/88 made a similar change to the electrical inspection requirements and the electrical industry has been very happy with it.

Enclosed is a copy of the New York Construction News article of 12/14/92 regarding the Department's recent sting operation to catch unlicensed plumbers and electricians that I believe will interest you. This enforcement action culminated in guilty pleas by three unlicensed plumbers and Criminal Court summonses to 14 other unlicensed individuals.

With your cooperation, the new plumbing appointment system will be a great success and will be expanded to other boroughs. I hope that the Department can count on your interest and support of our proposed legislation.



Rudolph J. Rinaldi
Commissioner

Enclosure



DEPARTMENT OF BUILDINGS

EXECUTIVE OFFICES
60 HUDSON STREET, NEW YORK, N.Y. 10013
RUDOLPH J. RINALDI, COMMISSIONER
312-8100

MEMORANDUM

DATE: JULY 3, 1990

TO: The Borough Superintendents

FROM: Executive Engineer Irving Polsky, P.E. *JP*

SUBJECT: Highlights of Local Law 100 of 89
in relation to the installation and support of
No-Hub type soil pipe, fittings and couplings.

BACKGROUND:

The above local law was enacted on December 27, 1989. It added two reference standards (CISPI 310-1985 and CISPI 301-1985) developed by the Cast iron Soil Pipe Institute to Reference Standard RS-16 to insure proper installation and support of No-Hub type soil pipe.

PURPOSE:

The purpose of this memorandum is to extract and disseminate some of the significant details from the latter specifications.

SPECIFICS:

The following requirements apply to horizontal and vertical piping:

(1) HORIZONTAL PIPING:

(a) CISPI 310/85 (6.1) and RS 16 P106(b)(1):

Straight runs of horizontal piping shall be supported at five foot intervals, except pipe in ten foot lengths may be supported at ten foot intervals. Supports shall maintain alignment, maintain slope, prevent sagging and shall be placed within eighteen inches of coupling or joint. Refer to Drawing (1) (a).

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- (b) CISPI 310/85 (6.1.2) and RS-16 P106.3 (b) (1)

Additional hangers shall be provided at each horizontal branch connection.

- (c) CISPI 310/85 (6.2.1) - "SHEAR PREVENTION":

Use standard pipe supports such as beam clamps with clevis or trapeze hangers supported from structural members, or wall brackets secured to masonry with expansion bolts.

- (d) CISPI 310/85 (6.2.1) - "SWAY BRACING":

Piping suspended in excess of eighteen inches from slab above with non-rigid hangers, shall be provided with sway bracing to prevent horizontal movement.

Strap (band) iron less than one-eighth inch in thickness shall not be considered suitable. Refer to Drawing (1) (d).

- (e) CISPI 310/85 (6.1.2) - "PREVENTION OF JOINT SEPARATION":

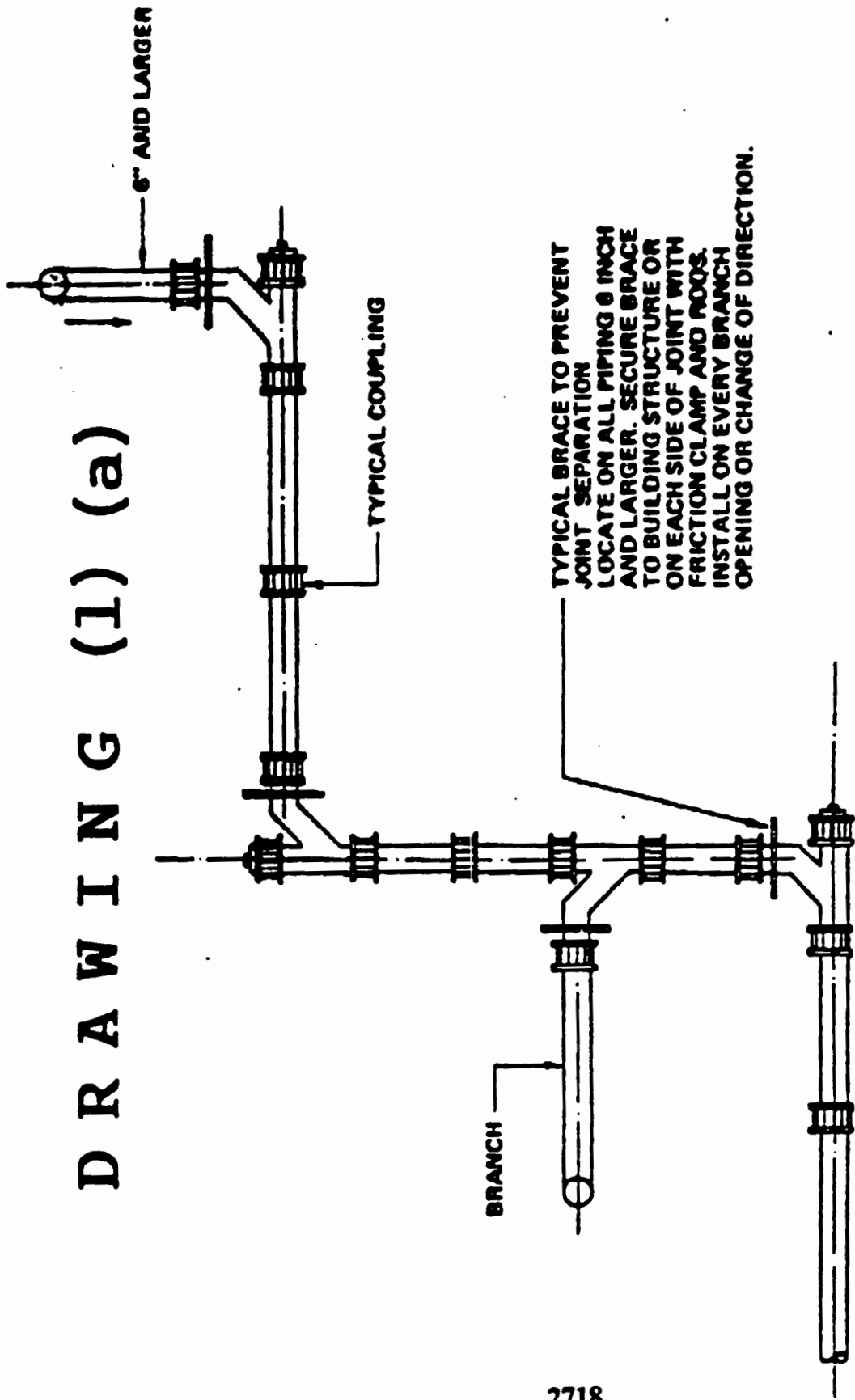
To prevent joint separation, horizontal pipe and fittings six inches and larger and all traps, trap arms and similar branches shall be braced at every branch connection or change in direction. Install riser clamps with rodding straddling the couplings or secure piping to structure with anchor.

(2) **VERTICAL PIPING:**

- CISPI 310/85 (6.3) and RS-16 P106.3 (a):

Vertical piping shall be installed plumb and vertical without joint deflection. Maintain alignment by bracing each joint and by supporting each stack base fitting from the structure above. Support shall handle the weight of the piping and its contents. Refer to Drawing (2).

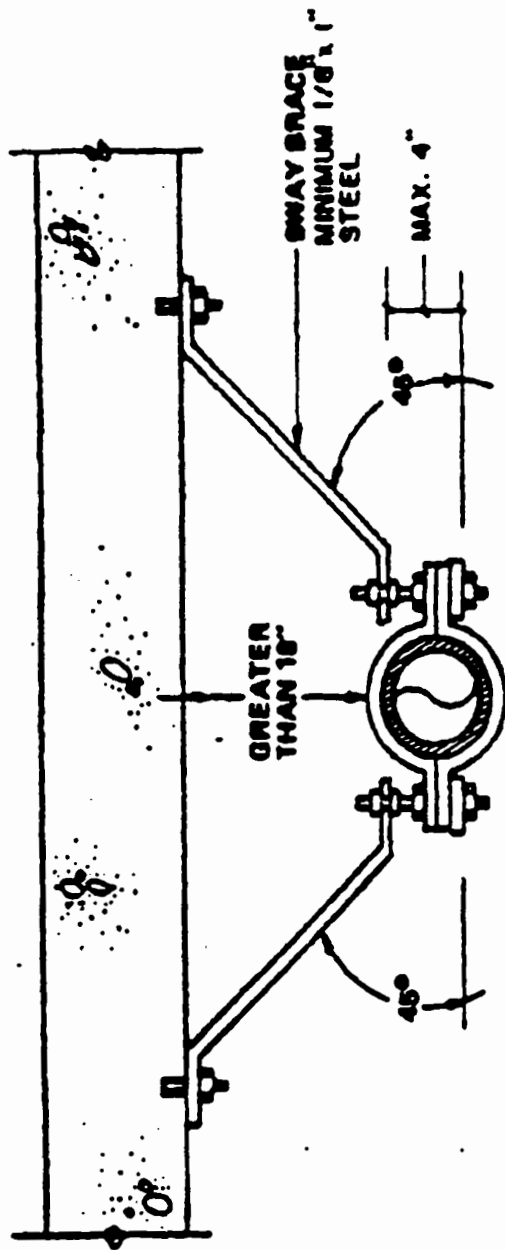
DRAWING (I) (a)



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NO HUB PIPE BRACING LOCATION FOR HORIZONTAL PIPING

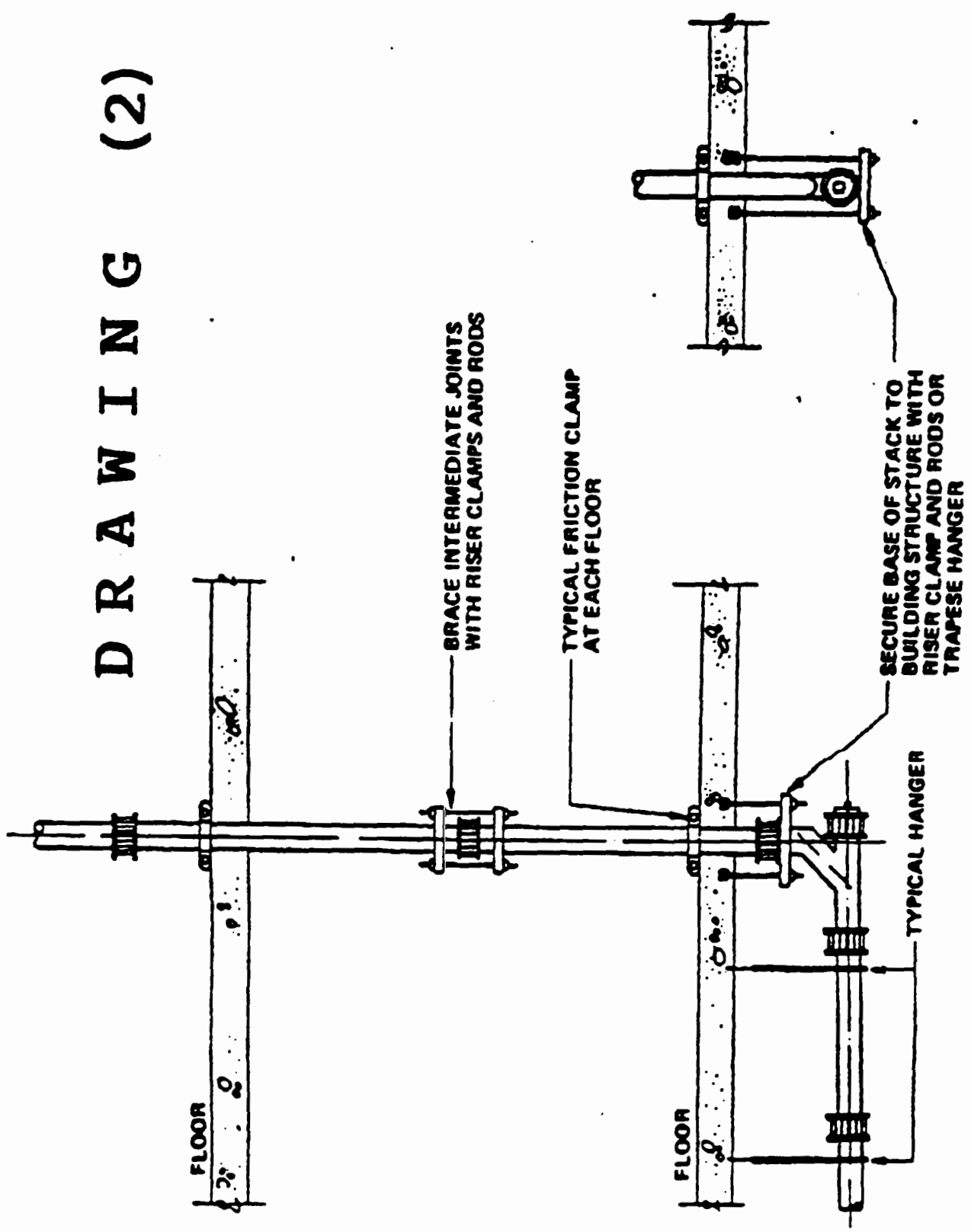
DRAWING (1) (d)



WHEN NO HUB PIPING IS SUSPENDED IN EXCESS OF 18" BELOW STRUCTURE, SWAY BRACING SHALL BE PROVIDED TO PREVENT HORIZONTAL MOVEMENT. LOCATE BRACE EVERY 30 FT ON STRAIGHT RUNS WITH AT LEAST ONE BRACE ON OFFSETS IN EXCESS OF 10 FEET.

NO HUB PIPE SWAY BRACING FOR HORIZONTAL PIPING

D R A W I N G (2)



NO HUB PIPE BRACING FOR VERTICAL PIPING

2720

**RESCINDED BY
BUILDINGS BULLETIN 2023-001**

**THE CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

DEPARTMENTAL MEMORANDUM

DATE: December 12, 1980

TO: Borough Superintendents
FROM: Irwin Fruchtman, P.E. Commissioner
SUBJECT: GAS PIPING

Screwed fittings shall not be used for pipe sizes above four inches.

All gas piping hereafter installed within buildings, whether service (including meter piping) or distribution piping with pressures exceeding 3 psi are to adhere to all the requirements of Intro 306g in regard to welding standards, pending enactment of said proposed legislation into law.

The standards for welder qualifications, welding standards, non-destructive testing, and welding inspection agency acceptance are as follows:

1. Radiography will be required for all welds in gas service and distribution piping operating at pressures exceeding 3 psig.
2. Welders installing gas piping within buildings at any pressure shall be qualified for all pipe sizes, wall thicknesses and positions in accordance with either API Standard 1104, Fourteenth Edition - 1977, or ASME Section VIII Boiler and Pressure Vessel Code - 1980, and requalified on an annual basis. The qualification testing shall be performed by an agency listed with the Department of Buildings, and the inspector shall have a minimum radiography qualification of Level II in accordance with the American Society of Non-Destructive Testing Recommended Practice Document No. SNT-TC-IA Supplement A. Copies of the certified welder qualification reports shall be maintained by the responsible welding agency and shall be made available upon request to the Department of Buildings.
3. All welded gas distribution piping main and branch supplies to customer equipment operating in excess of 3 psig shall be butt welded.
4. Radiography shall be performed on all butt welds in gas meter and distribution piping operating at pressures exceeding 3 psig, within buildings, in accordance with API 1104-1977 or ASME Section IX Boiler and Pressure Vessel Code - 1980.
5. Enclosed is the current list of acceptable welding inspection agencies. No reports from any other agency shall be accepted unless such agency has first requested and obtained approval from this office, in accordance with Rule 16.1 of the Board of Standards and Appeals welding rules.

1744

**RESCINDED BY
BUILDINGS BULLETIN 2023-001**

6. All welding of gas piping over 3 psi shall be subject to controlled inspection.
7. All applications for gas piping shall be required to include information from the serving utility. PRS Applications shall not be accepted where service pressures exceed 3 psi, regardless of cost; in all such instances, a BN Application with a P&D form shall be filed for a meter room and the gas piping. However PRS applications may be accepted in conformance with C26-114.4a for service and distribution pressure piping under 3 psig provided cost of installation of piping is less than \$1,000.00.

Referral to this office of review of all applications involving gas piping within buildings at pressures exceeding 3 psi will ~~continued pending enactment of Intro 306 into law; in accordance with Section P 115.3 of RS-16. Applicants shall be required to submit appeals taking cognizance of Intro 306g (copy enclosed) for the appeal to be considered.~~



Irwin Fruchtman, P.E.
Commissioner

enclosures

1745

DEPARTMENTAL MEMORANDUM

DATE April 28, 1981

TO: Borough Superintendents

FROM: Irwin Fruchtman, P.E.
Commissioner

SUBJECT: Installation of Gas Piping 3 PSIG or less

Screw fittings may be used in gas installations,
regardless of pipe sizes, providing the gas pressure
is 3 PSIG or less (See 115.0 Gas Piping).

This is an amendment to a memorandum of December 12, 1980.

IF:LD:mh

1773

**RESCINDED BY
BUILDINGS BULLETIN 2023-001**

DEPARTMENT OF BUILDINGS

DEPARTMENTAL MEMORANDUM

DATE: April 8, 1981

TO: BOROUGH SUPERINTENDENTS
FROM: IRWIN FRUCHTMAN, P.E., COMMISSIONER
SUBJECT: TYPE M COPPER TUBING

On March 3, 1981, the Board of Standards & Appeals granted an appeal for a waiver of Building Code restrictions against the use of Type M copper tubing for water supply for the specific premises affected due to the hardship regarding said premises. Subsequent to the decision of the Board which referred to alleged inconsistencies and ambiguities in the Code, we have received numerous inquiries, as to whether the Board's decision constituted a general city-wide generic waiver of the code.

In view of all of the foregoing you are advised as follows:

1. The provisions of Reference Standard RS-16 shall not be construed to include the list of National Reference Standards. Similarly, in all portions of the Building Code Reference Standards, the lists of National Reference Standards shall not be considered to be part of the Reference Standards per se, but simply a bibliography of the publications which are subsequently utilized within the text of Reference Standards either in their entirety, or in part, or as modified, as specifically delineated within the text of the Reference Standards, as referred to by appropriate provisions within Article 1 through 19 of the Building Code.

2. In the instant case, Table RS16-1 incorporates American National Standards Institute (ANSI) No. H23.1-1967 as one of the multitude of standards for plumbing materials. However, the utilization thereof is preceded by subdivision (a) of Section P 102.1 of Reference Standard RS-16, which states as follows: "all materials used in the construction of any plumbing system, fixtures, or equipment shall be as required by this Reference Standards". Section P 102.4 (a) of Reference Standard RS-16, which relates to water supply systems, specifically excludes Type M copper tubing from use therein.

Continued.....

1769

- 2 -

Accordingly, Type M copper tubing shall not be authorized to be used in any premises for water supply systems.


IRWIN FRUCHIMAN, P.E.
COMMISSIONER

IF:IEM:ap

cc:

Deputy Commissioner Minkin

Deputy Commissioner Parascandola

Assistant Commissioner Dennis

Executive Staff Stuart Klein, Inspector General

Master Plumber License Board

File

1770

**RESCINDED BY
BUILDINGS BULLETIN 2023-001**

DEPARTMENT OF BUILDINGS

DEPARTMENTAL MEMORANDUM

DATE: September 20, 1976

TO: Borough Superintendents

FROM: Jeremiah T. Walsh, F.E., Commissioner

SUBJECT: Water Supply Connections to Certain Plumbing Fixtures

The provisions of Section P107.13 of Reference Standard RS-16 require certain plumbing equipment to receive water supply only through air gaps.

Direct water connections to the potable water supply system are prohibited for the following equipment:

1. Bidets with submerged water connection that cannot drain out after shut off.
2. Aspirators, injectors, ejectors or water siphons and similar apparatus.
3. Mortuary, dissection, operating and embalming tables or similar equipment.
4. Sterilizers.
5. Flushing rim floor drains.

It has been found that the embalming facilities of a great many funeral establishments in New York City are not in compliance with the above requirements creating a situation wherein the potable water supply is not protected adequately from contamination.

A water supply system separated from the public water supply is "prohibited in most existing funeral establishments due to space limitations" according to the Metropolitan Funeral Directors Association.

Proposed legislation is being submitted to the City Council amending subdivision P107.13 of Reference Standard RS-16 to authorize reduced pressure principle back pressure backflow preventers between the water supply and the equipment for the five types of equipment listed in subdivision

12/16

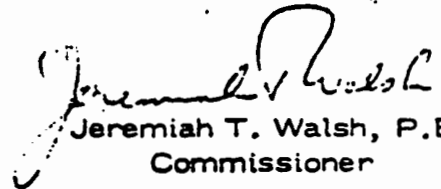
**RESCINDED BY
BUILDINGS BULLETIN 2023-001**

- 2 -

P107.13 as an alternate to air gaps.

Meanwhile, the proposed alternate may be accepted by this department. Reduced pressure principle back pressure preventers shall be manufactured in accordance with ASSE (American Society of Sanitary Engineering) No. 1013 of 1974. Such backflow preventers may be approved while an application is pending before the MEA division.

Plumbing repair slips may be used to file for the installation of backflow preventers.


Jeremiah T. Walsh, P.E.
Commissioner

1217



DEPARTMENT OF BUILDINGS

EXECUTIVE OFFICES
60 HUDSON STREET, NEW YORK, N.Y. 10013

JOEL A. MIELE, Sr., P.E., COMMISSIONER

BARRY G. COX
Assistant Commissioner
Borough Operations
(212) 312-8004

MEMORANDUM

TO: Distribution
FROM: Barry G. Cox
RE: Plumbing Signoffs
DATE: 10 March 1995

The Department of Buildings has recently upgraded the BIS system to include a signoff module which has been integrated with the plumbing inspection scheduling module. With this new enhancement, 505 Cards will not be issued for BIS plumbing/sprinkler jobs where inspections and the results of these inspections were scheduled through the plumbing module.

In these cases, applicants can obtain plumbing/sprinkler job signoff information from the borough office public access terminals or from their office terminals if they subscribe to the system. The enclosed computer printouts display the screens where the signoff information is located on BIS.

For Pre-BIS jobs 505 cards will still be issued.

DISTRIBUTION:

J. Algeri, Master Plumbers Council
M. Davenport, Real Estate Board of NY
R. Olin, Mechanical Contractor's Association
M. Whalen, Plumbing Foundation

R. Visconti
M. Ritze
Borough Commissioners
R. Chicola
A. Hurtubiese
Borough Managers

vlg-oo

**RESCINDED BY
BUILDINGS BULLETIN 2023-001**

03/09/95 BROWSE WORK TYPE SORTED BY JOB NUMBER & WORK TYPE BISSP100 PAGE 1

JOB NUMBER	DOC NUM	WORK SUFFIX	BIN	STATUS	STATUS DATE	PRE-FIL DATE	APPL-PROC DATE
100196798	01	A2	1033605	(P)APPRVD	09/30/94	09/20/94	
100196798	01	PL	1033605	(X)SGNOFF	03/09/95	09/20/94	09/27/94
100196798	01	BL	1033605	(R)PERMIT	10/14/94	09/20/94	09/27/94
100196805	01	A2	1081168	(P)APPRVD	11/03/94	09/20/94	
100196805	01	PL	1081168	(P)APPRVD	11/03/94	09/20/94	11/03/94
100196805	01	FP	1081168	(P)APPRVD	11/03/94	09/20/94	11/03/94
100196814	01	A2	1009403	(P)APPRVD	11/16/94	09/20/94	
100196814	01	OT	1009403	(R)PERMIT	11/29/94	09/20/94	09/27/94
100196823	01	A2	1018963	(R)PERMIT	09/21/94	09/20/94	
100196823	01	PL	1018963	(R)PERMIT	10/05/94	09/20/94	09/21/94
100196823	01	MH	1018963	(R)PERMIT	09/22/94	09/20/94	09/21/94
100196823	01	OT	1018963	(R)PERMIT	09/22/94	09/20/94	09/21/94
100196823	02	A2&		(P)APPRVD	10/26/94	10/26/94	
100196823	02	OT&		(P)APPRVD	10/26/94	10/26/94	
100196832	01	A2	1018963	(P)APPRVD	10/21/94	09/20/94	

=====
 \$=NO GOOD CHECK * =SIGNOFF +=GAS CARD @=WITHDRAWAL # =EXPIRED & =PAA
 PF1 =MENU PF2 =MAIN MENU PF7 =PREV PFB OR ENTER =NEXT

03/09/95

INDEX QUERY & BROWSE

BISSP100

ENTER BORO: . HSE NO: ST NAME:
 OR BORO: . BLOCK : LOT :
 OR BIN :
 OR BLS JOB # : DOC # : ..
 =====> ENTER 'X' TO BROWSE: .
 OR C. OF O. APPLICATION NO: SEQ. NO: ...
 OR WORK ORDER NO:

PF3 = PERMIT QUERY BY ADDRESS
 PF4 = PLUMBING QUERY BY ADDRESS
 → PF5 = JOB/WORK/PERMIT BROWSE MENU
 PF1/PF2=MAIN

**RESCINDED BY
BUILDINGS BULLETIN 2023-001**

**THE CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

DEPARTMENTAL MEMORANDUM

DATE: January 30, 1979

TO: Borough Superintendents

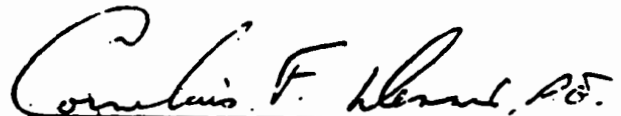
FROM: Cornelius F. Dennis, P.E., Director of Operations

SUBJECT: Reference Standard R.S. 14-6
Domestic Gas Ranges - Free Standing and Built-in.

Free Standing and Built-in Domestic Cooking Units approved by
A.G.A. and complying with R.S. 14-6 may be accepted.

Individual acceptance by M.E.A. will not be required at this time.

CFD/res


CORNELIUS F. DENNIS, P.E.
DIRECTOR OF OPERATIONS

cc: Executive Staff
Chief Plumbing Inspectors
M.P.L.B.
File

1586

THE CITY OF NEW YORK
HOUSING AND DEVELOPMENT ADMINISTRATION
DEPARTMENT OF BUILDINGS

DEPARTMENTAL MEMORANDUM

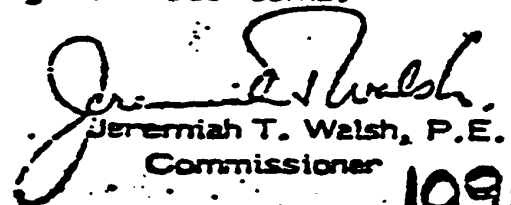
DATE: September 19, 197

TO: Borough Superintendents
FROM: Jeremiah T. Walsh, P.E., Commissioner
SUBJECT: Refuse Compactors and Refuse Rooms

Rules Relating to the Construction and Maintenance of Refuse Chutes and Refuse Rooms, promulgated on April 17, 1958 state, in paragraph (9), "Compactors shall be located entirely within the enclosure of the refuse room and former combustion chamber, where the latter is retained, except that motors, pumps and controls may be installed in adjacent rooms".

Upon the request of the Commissioner of the Department of Air Resources and in order to ensure the feasibility and practicality of the use of compaction equipment, the strict enforcement of the above referenced requirement may be waived by the Borough Superintendent, who may, where practical conditions so warrant, permit the use of an adjacent room as the location of the compactor, provided all other requirements of said Rules are complied with, and provided no apparent fire hazard would be created.

For purposes of compliance with applicable regulations, the premises shall now be considered as having two refuse rooms.


Jeremiah T. Walsh, P.E.
Commissioner

1095

SFA



DEPARTMENT OF BUILDINGS
EXECUTIVE OFFICES
60 HUDSON STREET, NEW YORK, NY 10013
CHARLES M. SMITH, Jr, R.A., Commissioner

DEC 10 1986

December 2, 1986

GEORGE E. BERGER, P.E.
Assistant Commissioner
Building Construction

TO: BOROUGH SUPERINTENDENTS
FROM: George E. Berger, P.E. *HEB*
Assistant Commissioner
SUBJECT: COMMERCIAL & DOMESTIC WASHING MACHINES

As per Section P104.12 of Reference Standard 16-1, in order to prevent backflow or back-siphonage, a vacuum breaker or air gap must be provided on any automatic clothes washer, whether for commercial or domestic use.

Since RS16-1 (ANSI A40.4-1942 and A40.6-1943) provides a standard for testing vacuum breakers, all washing machines that make use of vacuum breakers, must have their MEA number specified on the plan.

If an air gap rather than a vacuum breaker is used, the height of such air gap shall be shown on the plans. Such height shall be at least two times (2x) the cross-sectional diameter at the point of water supply discharge; if the water inlet is located closer to the washer drum than three times (3x) such cross sectional diameter, the air gap must be at least three times such diameter, to counteract near-wall influence as per RS16-1.(ANSI A40.4-1942).

Washing machines approved prior to 1968 by the Board of Standards & Appeals may be used only if the Board approval remains current.

GEB:RH:rmr

cc: Executive Staff
Chief Plumbing Inspectors

Hon. Sylvia Deutsch, Chairperson
Board of Standards & Appeals



DEPARTMENT OF BUILDINGS

EXECUTIVE OFFICES
60 HUDSON STREET, NEW YORK, NY 10013

CHARLES M. SMITH, Jr., R.A., Commissioner

December 17, 1986

CORNELIUS F. DENNIS, P.E.
Deputy Commissioner
312-8120

Mr. John DiMartino, P.E.
Assistant Commissioner
Bureau of Sewers
40 Worth Street
New York, New York 10013

Re: Building House Sewers
New and Replacement

Dear Commissioner DiMartino:

This letter is a follow up to our meeting of December 4th with representatives of the plumbing industry regarding new and replacement building house sewers connecting the sewer in the street to the building house drain.

As you know a new service to a new building is required by Section P102.4(b)(3) of reference standard RS 16 to be "a minimum of 8 in. size in the borough of Manhattan and 6 in. in the other boroughs, except.....one- and two-family dwellings." There is apparently a misunderstanding as to the applicability of this section to existing (old) buildings with existing sewer connections less than 8 in. or 6 in. in size.

Section C26-1605.1 of the N.Y.C. Administrative Building Code mandates that when a certain level of plumbing work is done in a building, the new work shall conform and the affected portions must be adequate for the added load. An existing sewer line less than 8 in. or 6 in. in size may remain if it is adequate for the total load. Section C26-103.2 and 103.3 would also permit the unaltered sewer line to remain if it can carry the load.

Section C26-103.1 of the N.Y.C. Administrative Building Code provides that when the cost of an alteration of a building other than a multiple dwelling over a specified time period exceeds 60% of the value of the building, the entire building

Continued.....

**RESCINDED BY
BUILDINGS BULLETIN 2023-001**

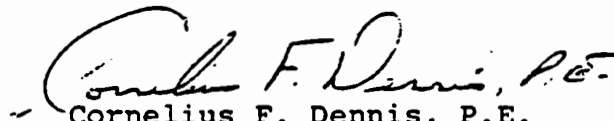
December 17, 1986

shall conform including minimum sewer line sizes of 8 in. or 6 in.

Routine maintenance or replacement of an existing sewer line less than 8 in. or 6 in. in size does not mandate that the sewer be increased in size. The existing smaller building house sewer may be replaced with the same size pipe.

I hope this letter clarifies a somewhat confusing problem. If it is desirable for new buidings or major alterations to have sewers of less than 8 in. or 6 in. in size, legislation for the City Council will have to be prepared and passed.

Sincerely,


Cornelius F. Dennis, P.E.
Deputy Commissioner

Enclosed: Copies of applicable laws.

cc: Charles M. Smith, Jr., Commissioner
Stewart O'Brien, Deputy Commissioner
George Berger, Assistant Commissioner
Joe White, Assistant Commissioner
Irving Polsky, Executive Engineer
Borough Superintendents
Chief Plumbing Inspectors
Andy Yosha, Vice-Chairman of Master Plumbing License Board
Stanley Gold
Association of Water Main &
Sewer Contractors Cooperative Inc.

**RESCINDED BY
BUILDINGS BULLETIN 2023-001**



DEPARTMENT OF BUILDINGS

EXECUTIVE OFFICES
60 HUDSON STREET, NEW YORK, NY 10013

CHARLES M. SMITH, Jr., R.A., Commissioner
312-8100

TO: BOROUGH SUPERINTENDENTS

FROM: GEORGE E. BERGER, P.E. ASSISTANT COMMISSIONER *GEB*

DATE: SEPTEMBER 22, 1989

SUBJECT: DETENTION TANKS

A meeting was held in Deputy Commissioner O'Brien's office on September 21, 1989 at 3:00 P.M. In attendance were: S. O'Brien, G. Berger and N. Patel representing the Department of Buildings and J. DeMartino and Magdi Farag representing the Department of Environmental Protection.

Mr. DiMartino explained that storm water sewer pipes are designed to accommodate run-offs from the properties with predetermined rate of flow. This is established in the drainage plan and sets a legal limit of storm sewer. So for any building whose storm water drainage flow exceeds the intake capacity of storm sewer, such property shall provide a detention tank for excess water or other method of disposition on site. The pipe size of the overflow from the detention tank should not be greater than the restricted orifice or the primary drain of the tank. Any larger amount of overflow will overload the sewer system and will exceed a legal limit which is not permitted.

The Department of Buildings has accepted this criteria for sizing of detention tank overflow pipe.

Therefore, the Department shall approve only the pipe size which does not exceed the primary pipe size of the detention tank.

GEB:NTP:lg

cc: Commissioner C. Smith, Jr., R.A.
Deputy Commissioner C. Dennis, P.E.
Deputy Commissioner S. O'Brien
Chief Plumbing Inspectors
Commissioner H. Schultz, D.E.P.
Deputy Chief Engineer, J. DiMartino, D.E.P.
Chief M. Farag, D.E.P.

RESCINDED BY
BUILDINGS BULLETIN 2023-001



DEPARTMENT OF BUILDINGS

EXECUTIVE OFFICES
60 HUDSON STREET, NEW YORK, N.Y. 10013

RUDOLPH J. RINALDI, COMMISSIONER

CAROLE S. SLATER
General Counsel & Director
Office of Legal Affairs
(212) 312-8130

April 15, 1991

Mr. Steven Ostrega
Assistant Commissioner and Director
Bureau of Water Register
2403 Municipal Building
New York, NY 10007

Re: Specification for Solder Metal

Dear Mr. Ostrega:

With regard to your recent request for the New York City Building Code interpretation in reference to the above matter, please be advised that Reference Standard 16, Section P103.1(k), requires that solder for copper tube joints shall be a "95-5 tin-antimony" type. The applicable national standard for solder metals is ASTM-B32 which includes the chemical composition of solder alloys. This standard allows that a tin-antimony solder permits a content of up to 0.2 percent lead.

I trust this letter answers your concerns.

Very truly yours,

Charles G. Sturcken
Deputy General Counsel

CGS:mt

cc: George C. Sakona, Deputy Commissioner