

New Standpipe Air Pressurized Alarm Requirements

Air pressurized alarms must be installed on standpipe systems of buildings in accordance with [Local Law 64 of 2009](#).

Applicability:

The following projects must comply with these requirements:

- New buildings greater than 75 feet in height permitted on or after February 4, 2010.
- Full demolitions of buildings with standpipes that obtain pre-demolition inspection approval from the BEST Squad on or after February 4, 2010.

Drawings:

Drawings containing details of the temporary air pressurized alarm system must be submitted.

- Use the Standpipe (SD) designator on the pressurized alarm system drawings.
- The drawings must be prepared, signed and sealed by a licensed design professional (PE/RA).
- Refer to BC 3303.8.1 (4.11) for details of what to include on the drawings.

Alteration 2 (ALT2) Standpipe Application & Permit:

- A separate ALT2 standpipe application must be submitted for the installation of the new standpipe and the alarm (new buildings) or alarm (demolitions).
- On the PW1, state in the job description section that the work is filed in conjunction with the New Building (NB) or Full Demolition (DM) application and include the corresponding job number.
- An electrical permit must be obtained to install the air pressurized alarm system.

New Building Filing Requirements:

- 1) The pressurized alarm system drawings must be submitted separately as a required item under the ALT 2 standpipe application and should not be included with the standpipe drawings. There is a new prior-to-permit required item "*Standpipe Alarm Drawings & A11 (Or A11 proof)*" that will apply to the ALT2 standpipe application. Comply with the following:
 - Submit the drawings with an Additional Information (A11) form as a cover sheet.
 - On the A11 form, clearly indicate the total number of drawing sheets submitted.
 - On the A11 form, state that the drawings are for the pressurized standpipe alarm.
 - On the A11 form, reference the associated NB application number and state that the drawings are being submitted in conjunction with that NB application.
 - Sign and seal the A11 form.
 - If professionally-certifying the ALT2 standpipe application, add "Standpipe Alarm Drawings & A11" in the OTHER field under "items required prior to permit" on the required items Checklist (PC1) form and check "Yes."
- 2) The ALT2 standpipe permit must be issued before the NB permit can be issued.
 - There are two new required items that will apply to the NB application:
 - "*Standpipe Alarm Drawings & A11 (Or A11 proof)*" – Submit a B-SCAN printout of the

- AI1 form (submitted with the ALT 2 standpipe application) to fulfill this item.
- “Standpipe Work Permit” – Submit a printout of the ALT2 standpipe permit to fulfill this item.
- If professionally-certifying the NB application:
 - Add “Standpipe Alarm Drawings & AI1” in the OTHER field under “items required prior to permit” on the Required Items Checklist (PC1) form and check “Yes.”
 - Add “Standpipe Work Permit” in the OTHER field under “items required prior to permit” on the Required Items Checklist (PC1) form and check “Yes.”

Demolition Filing Requirements:

- 1) Pressurized alarm system drawings must be submitted as part of the ALT2 standpipe application. Comply with the following:
 - Submit the drawings as part of the job’s plan submission.
 - On the PW1 form, indicate in the job description that the drawings are for the air pressurized standpipe alarm system.
- 2) The ALT2 standpipe permit must be issued before the DM permit can be issued.
- 3) Demolition contractors must provide the ALT2 application number to the BEST Squad when requesting a pre-demolition inspection.
- 4) The BEST Squad pre-demolition inspection approval will not be granted unless the alarm system has passed testing and the associated OP98 has been accepted by the Department (see below).

New Testing Requirements:

The licensed master plumber or master fire suppression piping contractor indicated on the ALT2 standpipe permit must test the standpipe alarm system. If the system is successfully tested, the contractor must certify the successful testing on the latest OP98. To do so:

- Check “Pass” for the item “Alarm Sys 64/09” under “Standpipe” in section 4.
- Submit the completed OP98 to the Borough Plumbing unit for acceptance.

Questions?

Email: OperationsRedesign@buildings.nyc.gov