



Manchester Fire Department
Eighth Utilities District
Fire Marshal's Office
18 Main Street, Manchester, CT 06042
(860)643-6209 – Fax (860)646-8162



Guidelines for Blasting

Issued Jul-16

Blasting

The following information is intended to provide Blasters licensed within the State of Connecticut with guidelines for applying for a blasting permit from the Manchester 8th District Fire Marshal's Office.

All state regulations must be followed, as well as all safety requirements. Any operation that fails to observe proper safety procedures or state statutes may result in revocation of a permit by this Office, and may be referred to the State Fire Marshal.

A blasting permit must be obtained for EACH BLASTING JOB, and shall be valid for thirty (30) days from the date of application unless otherwise noted.

Town of Manchester noise ordinance 223-4d requires blasting to be conducted between 8:00 am and 5:00 pm local time.

A permit fee of \$60.00 must be submitted with the application, payable only by check made to Eighth Utilities District. A plan review application, along with "Blasting Addendum" must be submitted with all required items. The Blaster must appear in person to obtain a permit.

The following items are required to be provided when applying for a blasting permit:

1. The Blaster must provide current proof of insurance coverage. Minimum amount of insurance should be \$2,000,000 in aggregate.
2. A plot plan of the area being blasted shall be included with any application. This is to include any structures surrounding the area.
3. The applicant must provide a copy (both sides) of his/her State of Connecticut Blasting License, and Town of Manchester building permit (when applicable).
4. A copy of a current State of Connecticut inspection certificate for the vehicles transporting explosives must be provided.
5. A Call Before You Dig Number must be provided.
6. The Blaster shall provide an exact address by street number and name, or by closest numbered property or cross street for the location of the blasting site.
7. A letter listing all pre blast inspections completed or refused shall be submitted prior to any blasting.
8. All pre blast inspections shall be performed by an independent seismic company



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Any vehicles transporting explosive materials and/or supplies shall not be left unattended at any time, and shall be operated and supervised by a Blaster licensed to operate in the State of Connecticut.

Only enough explosives for the amount of blasting for one day for which the application has been completed shall be permitted to be transported.

Per US DOT there shall be no stops made with a vehicle carrying explosive materials and/or supplies while in route to the blasting site

Neighbors in the immediate area must be notified of all blasting operations, including scheduled dates and times in which blasting will occur. Pre-blast surveys must be offered to those neighbors who are within the two-hundred fifty (250) feet of proposed blasting site.

All blasting sites must be covered by approved mats (wire or rubber) to prevent fly-rock.

Two seismographs shall be used for all blasts. A seismograph recording with taped data including date/time stamp shall be kept for each blast. Maximum ground vibration levels set at 2.00 inches per second @ 40 Hertz. Air blast safe level per USBM 129 db with a maximum at 133 db.

Any occurrence of fly-rock must be reported to this office IMMEDIATELY!

Permit holders must contact Manchester Fire Dispatch at (860) 643-7373 upon arrival on site to report blasting activity for that day, as well as just prior to any actual blasting.