Submitted with Permit:

- ☐ General Blasting
- ☐ Routine Blasting
- ☐ Certificate of Liability
- ☐ Pre-Blast Survey

City of Bangor Maine
www.bangormaine.gov
Engineering Department, 73 Harlow Street, Bangor, ME 04401
Phone: 207-992-4248 Fax: 207-992-4194

Permit # _____

Map/Lot _____

Expiration: _____

BLASTING PERMIT

_____

(hereinafter ***"BLASTER"***) is hereby granted permission to conduct blasting activity, in accordance with the Laws and Ordinances of the City of Bangor for a period of _____ ***Days*** commencing _____ .

BLASTER agrees to abide by the requirements of the Laws and Ordinances of the City of Bangor, and the terms and conditions of this permit.

BLASTER agrees to obtain and maintain general liability insurance in an amount to be approved by the City Engineer and shall provide the City of Bangor with proof thereof.

BLASTER shall notify the City of Bangor in writing as soon as practicable of any claim, demand or action arising out of the blasting activity and to cooperate with the City of Bangor in the investigation and defense thereof.

BLASTER shall defend, indemnify, save and hold harmless the City of Bangor from and against any and all claims, demands, suits, judgments, costs, and expenses asserted by any person or persons, or loss or damage to property resulting from the blasting activity under this permit or as a result of anything done or omitted by ***BLASTER***.

BLASTER expressly agrees that it will defend, indemnify, save and hold harmless the City of Bangor from any and all claims made or asserted by the blasting activity under this permit. For this purpose, ***BLASTER*** expressly waives any and all immunity it may have under the Maine Worker's Compensation act in regard to such claims made or asserted by ***BLASTER's*** agents, servants or employees. The indemnification provided under this permit shall extend to and include any and all costs incurred by the City of Bangor to answer, investigate, defend and settle all such claims, including but not limited to, the City of Bangor's cost for attorney fees, expert and other witness fees, the cost of investigators and payment in full of any judgments rendered in favor of ***BLASTER's*** agents, servants or employees against the City of Bangor in regard to claims made or asserted by such agents, servants or employees.

BLASTING PERMIT

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BLASTER shall notify all parties required by any applicable local, state, and federal ordinance, law or regulation of blasting activity.

Location of Blasting Activity: _____

Purpose of Blasting: _____

Blaster Name: _____ **Phone:** _____

Blaster Address: _____ **Email:** _____

Blaster City, State, Zip _____

Other Conditions: ***All work to be done in accordance with 38 M.R.S.A. §490-z(14), Bangor City Code, Chapter 76, , and all other applicable federal, state, and local regulations. All property owners within 2500' to receive 24 hours notification of blast.***

BLASTER by its signature hereby acknowledges and accepts the terms and conditions of this permit.

_____
Signature

_____
Witness

_____
Print Name & Title

_____
John M. Theriault, PE, PTOE
City Engineer

_____
Company Name

Date Signed: _____

Date Signed: _____

For Office Use:

- ☐ $25.00 (Not to Exceed One Week)
- ☐ $50.00 (Not to Exceed One Month)
- ☐ $100.00 (Not to Exceed One Year)

Date Paid: _____

Check # _____

Eng Receipt# _____

www.bangormaine.gov

BLASTING PERMIT

Performance Standards

(Please Read & Sign Each Paragraph)

_____ The applicant must ensure that the blasting is conducted in accordance with regulations issued pursuant to M.R.S. A. Title 25, Section 2441 and conform, at a minimum, to MDEP, Article 8-A, Performance Standards for Quarries dated July 4, 1996, 38 M. R.S.A. §490-A(14).

_____ The blasting plan submitted that work will be conducted in a manner which will cause no damage to surrounding properties. The owner or operator shall use sufficient stemming, matting, or natural protective cover to prevent fly-rock from leaving property owned or under control of the owner or operator or from entering protected natural resources or natural buffer strips. Crushed rock or other suitable material may be used for stemming only if no other suitable material is available.

_____ Blasting shall only be performed by fully qualified blasters experienced in blasting procedures and knowledgeable in all applicable blasting regulations, and blasters shall submit any and all information requested by the City Engineer to satisfy this requirement.

_____ The maximum allowable air-blast at any building not owned or controlled by the developer may not exceed 129 decibels peak when measured by an instrument having a flat response (+ or -3 decibels) over the range of 5 to 200 hertz.

_____ The blaster shall comply with all local, state, and federal ordinances, laws, and regulation and conditions of the Blasting Permit. Said notice shall specify the nature of the violation or failure to comply and steps taken by the blaster to correct said violation or failure to comply.

_____ If necessary to prevent damage, the City Engineer may specify lower maximum allowable air-blast levels than those in the previous paragraph of this section for the use in the vicinity of a specific blasting operations.

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_____ Notification list of residences and abutters requesting notification of blasting 24 hours before blasting.

_____ Pre-blast surveys shall be conducted in accordance with MDEP regulations outlined in the above-referenced Article 8-A, dated July 4, 1996 and a copy provided to the City Engineer.

_____ Pre-blast surveys must be offered to abutters and residences within 2640 foot radius for gravel pits and quarries and 500 foot radius of general blasting.

_____ Blasting activity shall only be conducted during daylight hours; provided, however, that it shall commence no earlier than 7:00 a.m. nor continue later than 7:00 p.m. on any given day, except that detonation of blasting explosives shall be conducted only during daylight hours; provided, however, that it shall be no earlier than 8:00 a.m. nor later than 6:00 p.m.. Routine production blasting is not allowed on Sundays.

_____ Blasting may not occur more frequently than four times per day.

_____ Under no circumstances shall the City permit routine production blasting within one hundred fifty (150) feet of an adjoining property line.

_____ The maximum peak particle velocity at inhabitable structures not owned or controlled by the operator may not exceed the levels established by MDEP Article 8-A, Performance Standards for Quarries, effective July 4, 1996, 38 M.R.S.A. §490-Z.14.K. (Blasting), including Table 1 and the graph published by the U.S. Department of Interior in "Bureau of Mines Report of Investigations 8507," Appendix B, Figure B-1. Either of the above referenced guidelines must be used to evaluate ground vibration effects for the blasts for which a pre-blast survey is required and/or when blasting is to be monitored by seismic instrumentation.

BLASTING PERMIT

Performance Standards

(Please Read & Sign Each Paragraph)

_____ The maximum allowable ground vibration may be reduced by the City Engineer beyond the limits otherwise provided by this section, if determined necessary to provide damage protection.

_____ A record of each blast must be compiled in accordance with the specifications in the above mentioned Article 8-A, dated July 4, 196. In addition, pre-blast, blast, and post blast linear-peak sound levels in decibels should be included for each air-blast.

_____ The records for each blast, including all monitoring records, shall be filed with the City no more than ten (10) days after each blast.

_____ Routine production blasting schedule shall be prepared by the blaster and copies of the schedule shall be distributed to the City, public utilities, and to all abutters and residences within a 500 foot radius within 24 hours notice for proposed general blasting and 1000 radius with a 24 hour notice for proposed routine production blasting. And shall contain, at a minimum:

1.) Name, address, and telephone number of operator.
2.) Identification of the specific areas in which blasting will take place.
3.) Dates and times when explosives are to be detonated.
4.) Methods to be sued to control access to the blasting area.
5.) Type and patterns of audible warning and all-clear signals to be sued before and after blasting.

_____ Upon violation of any provision of this ordinance the City Engineer shall have the right to revoke the Blasting Permit without notice.

_____ Any person adjudged to have violated any provision of this ordinance shall be punished by a fine not exceeding One Thousand Dollars ($1,000) for each offense.

Signature _____ Date Signed: _____

Submission Checklist

- ☐ Blasting Plan/Blasting Schedule
- ☐ Notification List within 500' Radius
- ☐ Initials at Each Paragraph on Pages 3 & 4
- ☐ Signature on Pages 2 & 4
- ☐ Check for Blasting Permit

Blaster Point of Contact Information

Contact Name: _____

Contact Cell: _____

Print Form