

BYLAW NO. 1791

A Bylaw to regulate blasting operations within the City of Saskatoon.

The Council of the City of Saskatoon enacts as follows:

1. No person shall blast or split stone, rock or concrete by means of gunpowder, dynamite or any other explosive, and no person shall carry on blasting operations of any kind within the City of Saskatoon, without previously obtaining written permission for the same from the City Commissioners.
2. Any person desiring to carry on such operations shall apply to the Commissioners for permission, and before such permission is granted the applicant shall satisfy the Commissioners that he has taken all necessary precautions for the protection of the public's safety and convenience.
3. No person shall carry on blasting operations of any kind within the City of Saskatoon before furnishing the City with a Bond in the form set forth in Schedule "A" hereto and in such sum as may be fixed by the City Commissioners, indemnifying the City against any loss, damage or expense which it may be put to by or on account of the said blasting operations.
4. No person shall use cartridges while frozen or while only partly thawed out.
5. Frozen cartridges shall not be warmed by direct exposure to fire, by keeping them before fire-places, by keeping them on stoves or ovens, by laying them on hot ashes or by rapid heating in any other way.
6. In case cartridges become frozen during the carrying out of blasting operations they shall be returned to the foreman in charge of the work who shall not re-issue or permit them to be used until they have thoroughly thawed out.
7. Cartridges which are frozen or partly frozen shall not be broken or cut.
8. In thawing out high explosives only the safest and best methods shall be followed.
9. Cartridges shall not be primed with fuses or detonators until actually needed for blasting and no person shall have any such primed cartridges in his possession unless they are immediately required for blasting.
10. Tamping shall be "brought home" with gentle strokes.

11. No person shall approach a drill hole in which the blast has failed to explode before the expiration of ten minutes from the time the fuse was first lighted.
12. In case an attempt to fire a "missed blast" by exploding a stronger primer on the top of it has failed, a new hole must be drilled not nearer than twelve (12) inches from the first one and a fresh charge put in such new hole and exploded. If there is any reason to believe that the nitro-glycerine mixture of the first charge has spread laterally then the distance between the old and the new hole must be increased.
13. If the explosion of a charge does not carry away the entire drill hole the remaining part shall not be used as the starting point for a new drill hole.
14. No person under the age of sixteen years, nor any inexperienced person, shall be allowed to be in the vicinity of hand magazines or to handle such explosives.
15. No greater charge shall be used than is necessary to properly start the work.
16. Excavation work contiguous to any structure shall be carried on so as not to cause any damage to such structure. Weak walls of such structures shall be shored up and all rotten or decomposed rock shall be removed by the use of gads, picks and crowbars, only. When blasting next to such structures is unavoidable light face blasts with short lines of resistance and small charges shall be used.
17. Where blasting is carried on in the neighborhood of roads, houses, or other objects which may be damaged by blasts, the shots shall be carefully covered (preferably with brush mattresses, fascines and the like) and the charges shall be reduced in size that no flying about of debris will be possible. Red flags shall be placed at reasonable distances from the blast on all sides and a trumpet shall also be blown continuously for five minutes immediately before the explosion takes place to give all persons proper warning. Men shall also be stationed in the immediate vicinity and on the different highways and sidewalks to caution all persons against approaching the blast. The covering over the mine shall be chained.
18. In all cases of blasting within the City each blast before being fired shall be covered on top and sides with tin sufficiently large to cover the block to be broken, such tin to be covered with pieces of timber held together at each end by chains of either steel or iron or in some other safe manner to provide against stones being scattered at a distance where they may endanger life and property.
19. Any person infringing the provisions of this bylaw shall be subject to the penalties provided by the General Penalty Bylaw of the City of Saskatoon.
20. Bylaws Numbers 684, 771 and 811 are hereby repealed.

21. This Bylaw shall come into force and take effect on the day of the final passing thereof.

Read a first time this 26th day of April, 1928.

Read a second time this 26th day of April, 1928.

Read a third time and passed this 26th day of April, 1928.

"G.W. Norman"

Mayor

"

"M.C. Tomlinson"

City Clerk

(SEAL)

SCHEDULE "A"

BOND

KNOW ALL MEN BY THESE PRESENTS that _____ of the City of
Saskatoon, in the Province of Saskatchewan, hereinafter called the "Principal," and
and _____ both of the City of Saskatoon aforesaid, and _____ respectively,
hereinafter called the "Sureties," are held and firmly bound, jointly and severally, unto The City of
Saskatoon, hereinafter called the "Obligee," in the penal sum of _____ Dollars, to be paid to the said
Obligee, its successors or assigns, for which payment well and truly to be made we each bind
ourselves, our heirs, executors, administrators and assigns and each of them for ever firmly by these
presents.

Witness the band and seals of the said parties this _____ day of _____ A.D. 19 .

WHEREAS the above bounden Principal has applied to the Obligee for permission to carry
on certain blasting operations within the limits of the City of Saskatoon.

AND WHEREAS the Obligee has agreed to grant the required permission upon the Principal
furnishing good and sufficient security for the due and proper indemnification of the Obligee against
all loss, costs, charges, damages and expenses which the said Obligee or its successors may at any
time or times hereafter bear, sustain, suffer, be at or be put unto for, or by reason, or on account of
the Principal's carrying on blasting operations within the limits of the said City of Saskatoon.

NOW THE CONDITION of this obligation is such that if the above named Principal, his
heirs, executors, administrators, successors or assigns, does and shall from time to time and at all
times hereafter well and truly save, defend and keep harmless and fully indemnify the said Obligee,
its successors and assigns, and its and their lands and tenements, goods, chattels and effects of, from
and against all suits, claims, loss, costs, charges, damages and expenses which the said Obligee or its
successors may at any time or times hereafter bear, sustain, suffer, be at or be put unto, for or by
reason or on account of the Principal's carrying on the said blasting operations within the limits of
the said City of Saskatoon, then this obligation shall be null and void but otherwise shall be and
remain in full force and virtue.

WHEREVER the singular or the masculine are used throughout this bond the same shall be
construed as meaning the plural, feminine or neuter where the context or the parties hereto so
require.

