Explosives Regulations, 1960

GN 71/1960 1st October

Regulations made by the Governor in Council under section 27 of the Explosives Act 1959.

1.Short title

These Regulations may be cited as the Explosives Regulations, 1960.

2. Interpretation

In these Regulations, "Magazine" means the Government Magazine, Fort George, or any other store appointed by the Minister under the provisions of section 10 of the Explosives Act 1959.

Amended by [GN No. 21 of 1962]

3. Forms

The forms set out in the First Schedule to these Regulations shall be used in all cases to which they are applicable.

4. Fees

The fees to he paid in pursuance of the provisions of the Act and of these Regulations shall be the fees specified in the Second Schedule to these Regulations

Provided that no fees shall be payable by or on behalf of any Government Department in respect of any application, certificate, licence, permit or other document issued under the provisions of the Act and of these Regulations, so long as such application relates to, and such certificate, licence, permit or other document is used solely on Government business and is distinctly endorsed to that effect by the Permanent Secretary.

Amended by [Act No. 34 of 1960]

5. Notice to be given by Agents

The Agents of a ship shall give written notice of intention to load, discharge, tranship, or handle explosives to the Port Master and to the Comptroller not less than 48 hours before any such explosive shall be loaded, discharged, transhipped or handled.

Amended by [Act No. 12 of 1964]

6. Notice of quantity and nature of explosives

Every such written notice shall state in detail the quantities and nature of the explosives to be landed, transhipped or loaded.

7. Report to Pilot

The master of any ship arriving in Mauritius with explosives on board shall give immediate notice thereof to the Pilot who will come on board his ship.

8. Flags and light to be displayed

All ships having explosives on board shall, while within the limits of the harbour, display where it can be seen a red flag not less than three feet by square by day and a red light visible all round the horizon from sunset to sunrise.

9. Lighters and boats

- (1) Every lighter and every boat having on board any explosives shall by day carry at the bow and the stern a red flag not less than three feet square on a staff not less than six feet above the deck. When having on board any explosives, lighter or boat shall carry no other cargo.
- (2) Tugs while towing such lighters or boats shall also display the red flag required by this regulation.
- (3) All lighters and boats having on board any explosives shall from sunset to sunrise display two red lights of a type which shall not be capable of igniting such explosives. One of such lights shall be fixed at each end of the lighter or boat, or line of lighters or boats.

10. Movement of craft within the harbour

Subject to the provisions of regulation 12 of these Regulations, all craft having explosives on board shall not enter or leave the harbour, or he moved from one place to another in the harbour, between sunset and sunrise.

11. Berthing of ships

The discharge, loading, transhipment or handling of explosives shall only take place at a quay or mooring berth assigned for that purpose by the Port Master.

Amended by [Act No. 12 of 1964]

12. Removal of ships

The Port Master, or any officer appointed by him, shall be empowered to order the removal of any ship having explosives on board from any berth or quay to any other berth or quay in the harbour, or from the harbour and other harbour to the open sea, at any time of the day or night. All expenses attendant on such removal shall be recovered from the owner, or Master, or Agent of the ship.

Amended by [Act No. 12 of 1964]

13. Duty of Master

The Master of a ship having explosives on board, or loading or discharging such explosives, shall be responsible for taking all necessary precautions on board his ship.

14. Special precautions to be taken on board a ship

The Master of a ship shall be responsible for ensuring that the following special precautions are taken on board his ship during the time when any explosives are on board:—

(a) chipping or scaling or any operation liable to cause a spark is not to be carried out

(b)welding of any kind on the ship is forbidden

(c)no repairs are to be carried out in any compartment containing explosives.

15. Restrictions as to other goods

While explosives arc being loaded or discharged by a ship, no other cargo shall be loaded or discharged by that ship.

16. Hours fo handling explosives

Explosives shall not be discharged, loaded or handled within the limits of the harbour except during the hours between sunrise and sunset.

17. Non-observance of safety measures

Without prejudice to any fines or penalties prescribed for the non—observance or breach of these Regulations, the Port Master shall be empowered to suspend the loading, discharging, handling or transhipping of explosives within the harbour area, if, in his opinion, any of the requirements of these Regulations are not being complied with in a satisfactory manner.

Amended by [Act No. 12 of 1964]

18. Precautions on suspension of loading or discharge

When the loading or discharge of explosives has been commenced, such loading or discharge shall be continued with all due speed and diligence, and, should it be impracticable to complete the loading or discharge before sunset on any one day, all holds shall be securely fastened down immediately such loading or discharge is discontinued and all the same precautions taken as though the ship were fully loaded or bulk had not been broken.

19. Marking of packages

Every package containing explosives shall be distinctly marked on the outside with the nature of the explosives.

20. Gear used for handling explosives

The Officer placed in charge of any such operation by the Port Master shall be empowered to suspend the loading, discharge or handling of any explosives, if, in his opinion, any of the gear, slings, nets, hooks, pipelines or other appliances used inthat connection are unsuitable or unsafe for that purpose.

Amended by [Act No. 12 of 1964]

21. Mooring of lighters and boats

Lighters and boats carrying explosives shall be moored only at a berth or berths assigned by the Port Master, and shall be made fast to the mooring buoy or buoys by means of chains or wire ropes.

Amended by [Act No. 12 of 1964]

22. Safety measures with respect to lighters and boats

(1) The unloading of explosives shall not commence until the Port Master has approved the precautions to be taken with regard to such unloading.

(2) All guard boats shall fly a red flag.

Amended by [Act No. 12 of 1964]

23. Steam craft

No steam craft shall be used for the conveyance of explosives between a ship and the shore.

24. Smoking

At the place where explosives are being lowered, discharged or handled, the Port Master shall cause conspicuous notices to be posted up on board the ship and ashore, drawing attention to the provisions of section 5 of the Act which prohibit smoking in the vicinity of any explosives.

Amended by [Act No. 12 of 1964]

25. Unauthorised persons

No persons, other than the ship's crew, persons engaged in the loading, discharge or handling of explosives, or persons on legitimate business, shall be on board any craft carrying explosives, or at or near any place ashore where such explosives are being loaded, discharged or handled.

26. Exemptions

Notwithstanding anything to the contrary in these Regulations, the Port Master, when and as often as lie shall consider any one or more of these Regulations unnecessary to ensure the safety of life and property in the case of loading or unloading of any particular cargo or consignment of explosives, may, in writing, exempt the master of the ship or his agent, or the owner of the explosives, from compliance therewith.

Amended by [Act No. 12 of 1964]

- 27. Explosives imported by sea to be conveyed to Government Magazine
- (1) All explosives shall, on importation, be conveyed, as far as practicable by sea, to the Government magazine, and shall, during the conveyance, remain under the charge and control of the Comptroller.
- (2) The importer shall provide such labour and transport as the Comptroller shall consider sufficient for the transport of the explosives to tile magazine.
 - (3) The magazine shall be under the charge and control of the Comptroller.

28. Store rent for storage in Government Magazine

There shall be levied a store rent of three rupees per year or fraction of a year for every fifty kilos or fraction thereof of any explosive stored at the magazine, and such rent shall be payable in advance.

- 29. The Comptroller may reject insecure packages and cause them to be destroyed
- (1) The Comptroller shall have the power of rejecting any package which he may consider as insecure, and the importer shall at once take the necessary steps for repairing the said package to the satisfaction of the Comptroller, failing which the

contents shall be destroyed by immersion of the package into the sea, and the importer or owner thereof shall have no claim for damages in respect of such destruction.

(2) Any package which may have become insecure at any time while in the magazine shall be dealt with in the manner indicated in the preceding paragraph.

30. Conditions of removal

On removal of any explosives from the magazine, the following provisions shall have effect –

- (a)Importers wishing to remove explosives from the magazine shall give forty-eight hours notice to the Comptroller.
- (b) No quantity exceeding a hundred kilos shall be removed at any one time in any animal or hand-drawn vehicle, and, should it be necessary to remove a greater quantity than a hundred kilos by such means, an interval of not less than an hour shall be allowed between the departure of any two successive vehicles.
- (c) No quantity exceeding four hundred kilos shall be removed at any one time in any motor vehicle, and, should it be necessary to remove a greater quantity than four hundred kilos by such means, an interval of not less than ten minutes shall be allowed between the departure of any two successive vehicles.

31. Care of explosives in transit: general provisions

The following, conditions shall be observed by all persons in possession or in charge of explosives when in course of transit by sea, road or rail:

- (a) The explosives shall be securely and properly loaded, and no person shall be carried in any conveyance carrying explosives except such as is necessary for the due and proper control of the conveyance.
- (b) Detonators shall not be carried with other explosives in the same conveyance:

Provided that for the purpose of this paragraph "explosives" shall not include safety fuses.

- (c) No unauthorised person shall at any time be allowed access to the explosives or to the conveyance in which they are carried.
- (d) If any explosive is spilt it shall be carefully collected and disposed of, and all traces removed from the conveyance in which the explosives are being conveyed.
- (e) All explosives shall be effectively protected from accident by fire, and, unless carried in a properly closed conveyance, shall be completely covered with tarpaulin or other spark resisting material.

32. Care of explosives in transit by sea

(1) The person in charge of explosives being conveyed between ship and shore or between any places within a port shall, in addition to being responsible for observing the conditions, prescribed in regulation 31 of these Regulations, ensure that no craft shall go alongside any other craft or allow any other craft to approach or

come alongside except for the purpose of duly shipping, unshipping or transhipping explosives.

(2) Any other directions which may be given by the Port Master shall also be obeyed by such person.

Amended by [Act No. 12 of 1964]

33. Care of explosives in transit by road

The person in charge of explosives in transit by road shall be responsible for observing the following conditions in addition to those prescribed in regulation 31 of these Regulations:-

- (a) no vehicles carrying explosives shall remain stationary within one hundred yards of any building or in the vicinity of any town or village;
- (b) no vehicle shall be loaded beyond seventy-five per cent of its authorised load
- (c) no explosives shall be moved along a road during the hours of darkness;
- (d) there shall be affixed to every vehicle containing explosives a red flag at least two feet by two feet and visible from all directions,

34. [Obsolete]

35. General provisions for storage of explosives

- (1) Detonators shall in no circumstances be stored with or kept in the vicinity of any other explosives, safety fuses excepted,
- (2) Every place where explosives are stored shall be indicated by means of the word "Danger" and underneath the word "Explosives" or "Detonators", as the case may be, displayed in such manner as to be clearly and easily visible to any person approaching such place.
- (3) The door of every place where explosives are stored and every storage vault shall at all times, when not in actual use for the issue of explosives or other lawful purpose, be securely fastened under lock of a pattern to be approved by the Commissioner, and the key shall be in the possession of the person in, charge of the explosives.
- (4) If any place where explosives are stored is broken into, damaged by fire or otherwise, or if any explosives are lost or stolen, a report shall forthwith be made to the nearest Police Station.

36. Walls of magazines

The walls of the magazine, if made of corrugated iron sheeting or other similar material, shall be lined with wood or other approved substitute leaving, between the iron sheeting and the wood, a space of at least three inches which shall be filled with non-inflammable, beat-resisting material.

37. Doors of magazines

- (1) The outer door of the lobby shall open outwards and be made of wood protected by a light fireproof sheet on the outside.
- (2) The inner door between the lobby and the storage room shall be made of wood and shall open into the lobby
- (3) Each door shall be fitted with a good lock, of a pattern to be approved by the Commissioner, secured to the door in such manner that it cannot be easily removed from the outside.

38. Ventilation of magazine

- (1) The magazine shall be so ventilated that the maximum temperature in the storage room shall not exceed thirty-five degrees centigrade.
- (2) Ventilating channels shall be constructed in the gables, side and end walls and if necessary in the roof.

39. All openings of magazine to be protected

All ventilating channels and other permanent openings into the magazine building shall be so constructed as not to open directly into the magazine and so that no person can enter thereby, and shall also be protected by metallic mosquito gauze.

40. Duck boards in magazine

In the magazine, the gangways shall be provided with easily removable duck boards.

41. Lightning conductors for magazine

- (1) The magazine shall be protected by a lightning conductor supported on a vertical post four feet from the nearest part of the magazine building and rising at least six feet above the highest part of it.
- (2) The lightning conductor shall be carried to an earth plate buried outside the magazine and to which it shall be soldered or welded.
- (3) If the roof is made of metal it shall be earthed to a separate earth plate.

Amended by [GN No. 21 of 1962]

42. Ceilings

The ceiling in the magazine shall be at least six feet six inches from the floor.

43. Special safety measures for magazine

- (1) The outer gate of the magazine as well as the door shall be clearly marked with the word "Danger" and underneath the word "Explosives".
- (2) A reliable maximum-minimum thermometer shall be kept in the storage room of the magazine. Should the temperature at any time exceed thirty-five degrees Centigrade, the owner or person in charge shall forthwith report the matter to the Permanent Secretary.

(3) At least one pair of magazine shoes with rubber, felt or rope soles shall be kept in the lobby of the magazine, and no person shall enter the storage room of the magazine except when he is wearing such shoes.

Amended by [Act No. 34 of 1960]

- 44. General precautions to be observed
 - (1) The magazine shall be effectively drained.
- (2) All electrical wiring in the magazine shall be installed in a rigid conduit with screwed waterproof joints, and such conduit shall be permanently grounded.
- (3) The ground for a distance of forty yards from the magazine building on all sides shall be kept absolutely clean and clear, and free from growth and vegetation.
- (4) Proper precautions shall be taken to guard against unlawful entry and damage by fire or moisture.
- (5) An efficient fire extinguisher shall be kept outside the magazine in a glass fronted box.
- (6) Explosives shall be stored in regular layers and in such manner as readily to admit of inspection and extraction of the explosives in rotation; wooden runners shall be put on the floor
- (7) No scraps or broken portions of cartridges shall be left lying in close proximity to any explosives.
 - (8) No case containing explosives shall be open or reclosed inside the magazine.
- (9) A register shall be kept in which shall be recorded forthwith complete details of every receipt and issue of explosives.

Amended by [GN No. 21 of 1962]

- 45. Explosives in certain quantity may be stored in licensed premises

 Except with the written authorisation of the Commissioner, no person shall store in any building which has been licensed for the storage of explosives-
 - (a) detonators in excess of ten thousand in number;
 - (b) explosives in excess of one thousand pounds in weight.

Amended by [GN No. 61 of 1982]

46. Provisions for stores

The provisions of regulation 36, paragraph (3) of regulation 37, regulations 38, 39, 41, 43, and paragraphs (1), (2), (4), (5) and (7) of regulation 44 of these Regulations shall apply to every licensed store as they apply to the Government magazine.

47. Explosives in certain quantities may be stored in a storage boxes

Detonators not exceeding one thousand in number or explosives not exceeding one hundred pounds in weight may, when and stored in a licensed store, be stored in storage boxes on a permit granted by the Commissioner.

48. Conditions to be observed

- (1) Every storage box shall be strongly made of wood or line with wood, kept in good repair, and provided with a stout lock.
- (2) No other materials or tools, safety fuses excepted, shall be placed in any storage box containing explosives.
- (3) A storage box containing detonators shall not be placed or kept within six feet of a box containing, other explosives.
 - (4) Every storage box shall be clearly marked with the word "Explosives" in red letters.
- (5) Storage boxes shall be put in a safe place and shall not be kept in direct contact with the ground.
- (6) Storage boxes shall not be kept within one hundred yards of the entrance of any boiler, furnace or other article likely to cause ignition, or within one hundred yards of a magazine or store unless duty stored therein, or in or near a dwelling-house.
- 49. Special conditions applying to underground storage In the case of underground storage, the following special conditions shall apply:-
 - (a) the boxes shall be kept in a dry and secluded place at a safe distance from working places, and not within six feet of one another;
 - (b) no box shall contain more than one hundred detonators
 - (c) the boxes shall be kept locked and the workman in charge shall keep the keys and unlock them only when he places explosives therein or removes the same therefrom.
- 50. Keeping of Explosives Receipt Book and Explosives Delivery Book by holder of permits

The holder of a storage permit shall keep on the premises in respect of which the permit has been granted a book (to be called the Explosives Receipt Book) according to form No. 13 of the First Schedule to these Regulations, and another book (to be called the Explosives Delivery Book) according to form No. 14 of that Schedule, in which he shall immediately, on the receipt or delivery of any explosive, make the proper entries according to the said forms.

- 51. Sale of explosives to persons under 21 years of age prohibited No explosives shall be sold, given, delivered or in any way handed over to any person apparently under the age of twenty-one years whether for his own use or that of any other person.
- 52. Endorsement of permits at time of sale

Every dealer in explosive shall immediately on selling any explosive endorse the purchaser's permit by wilting in ink on the back thereof the quantity of explosives sold and he shall sign and date the endorsement.

53. Issue of explosives for use

- (I) All explosive issued for use shall be placed, kept and carried in wooden boxes until required for use.
- (2) No light other than a self-contained electric hand lamp shall be placed near any box containing explosives.
- (3) During the preparation of charges, and whilst any box containing explosives is being opened, all lights shall be removed to a distance of not less than four feet.
- (4) No person shall open a case containing explosive by means of any implement other than an implement of wood, brass or copper

Provided that, where any such case is screwed down, an iron screw-driver may be used to withdraw the screws, but for no other purpose.

54. Explosives to be used in form of cartridges
Explosives shall be used for blasting operations only in the form of cartridges:

Provided that blasting powder may be used loose in surface work.

54A. Accounting of explosives issued for blasting operations

The foreman in charge of blasting operations shall on each specific occasion account for the explosives handed over to him for blasting, and shall forthwith return explosives not fired to the holder of the storage permit who shall acknowledge receipt thereof and make the proper entries in the Explosives Receipt Book and the Explosives Delivery Book.

Added by [GN No. 21 of 1962]

55. Blasting operations to be performed by holders of a certificate

No person shall supervise, conduct or perform blasting operations, or prepare or fire an charge, or charge any hole with explosives, unless he is the holder of a blasting certificate issued under the Act.

Provided that the holder of such certificate may be assisted in his operations by persons acting under his direct supervision and control, and in such circumstances the holder of the certificate shall be responsible for ensuring that such persons are conversant with and observe the provisions of the law relating to explosives

Provided further that no person other than the holder of such certificate shall prepare a primer cartridge or charge a hole.

56. Blasting operations to be in charge of holder of blasting certificate

At every place where blasting operations are in progress there shall be an experienced person in charge, who shall himself be the holder of a blasting certificate issued under the Act, and he shall wear, on his person in a place easily seen a circular metal disk, two inches in diameter, bearing the words "Blasting Operations Controller". Such person

shall be responsible for seeing that the provision of the Act and the Regulations made thereunder are observed. Every gang of workmen engaged on such operations shall be of such a size as can be properly and efficiently supervised.

Amended by [GN No. 21 of 1962]

- 57. Precautions to be observed in carrying blasting operations
- (1) No blasting operations shall be carried on in surface or open cast works within One hundred yards of any place to which the public has access, except with the permission of the Commissioner and subject to any special conditions he may consider necessary to impose having regard to the public safety.
- (2) Whilst blasting operations are in progress in surface or open cast works all due precautions shall be taken by means of red flags, watchmen and otherwise to ensure that no person is allowed inadvertently to approach within dangerous range of the blasting operations.
- 58. Person responsible for observing provisions of this part

Every employer of labour, manager, overseer, foreman and other person in charge of labour shall take all reasonable steps to see that the provisions of these Regulations are observed and shall supply to every holder of a blasting certificate a copy of the Act and of these Regulations.

59. Making up and charge

- (1) Where blasting with explosive is carried on by placing the primer charge underneath ground level the charge shall be connected to a detonator, placed above ground level, by meant of a detonating cord of adequate length.
- (2) The detonating cord shall be fixed at one end through the primer charge in such a manner that it cannot be readily pulled out of the cartridges and shot holes, and shall, at the other end, be firmly attached to the side of the detonator with adhesive tape, connecting wire or string.
- (3) Where electrically fired low-tension detonators are used, the electrical circuit must be tested by means of an approved ohmmeter or circuit tester and all testing shall be carried out from the firing point and not at the fact.
- (4) When testing the continuity of the circuit in an electrical detonator, it must first be placed inside a metal pot or tube to guard against accidental explosion.

Amended by [GN No. 84 of 1971]; [GN No. 62 of 1972]

60. Drilling

- (1) Before beginning to drill, the foreman shall satisfy himself that all overhanging and loose or loosened rock and ground have been removed from the face and immediate vicinity of the working place, and that working faces to be drilled are washed down with water, or, when no water is available, thoroughly scraped and examined for sockets or butts of holes and for any charges which may have misfired.
- (2) The foreman shall point out to each driller working under him the exact position and clirecti3n of the hole to be drilled and shall see that he does not deviate therefrom.

(3) The deepening of holes or any part of any hole left standing is forbidden unless it is positively known that any such hole has not been previously charged with explosives.

61. Charging of holes

- (1) In charging or in stemming holes for blasting, wooden tamping rods only shall be used, and no explosives shall be forcibly pressed into a hole of insufficient size.
- (2) Only sand loosely filled in, clay free froth stones lightly tamped, or water may be used as tamping material for charges of explosives.
- (3) Explosives shall in no circumstances be extracted from a hole which has once been charged.
- (4) Shot-firers shall not use at their working pieces any explosives other than those supplied to them by their employers.

62. Firing of charges

- (I) All approaches to the place where a charge is being fired shall be guarded to prevent inadvertent access thereto.
- (2) Every shot-firer shall satisfy himself that no person except those assisting him remains where he might be exposed to danger.
 - (3) The shot-firer and his assistants shall take shelter.
- (4) Where firing is done by means of electricity, the charges shall not be connected to the firing apparatus until the foregoing precautions have been observed.
- (5) Before firing charges, the foreman in charge shall cause warning to be given in every direction by three shouts of "fire" or "La mine oh".

63. Firing of charges by electricity

- (1) Where electrical shot-firing is being carried on, shot firing cables shall be two-core or multicore and covered with insulating material. Adequate precautions shall be taken to prevent cables from touching other cables and apparatus.
 - (2) Current form lighting or power circuits shall not be used for firing shots.
- (3) Before firing the foreman in charge shall carefully inspect all wiring and cables to ascertain if they are properly connected, and shall have any loose or unconnected, wire or cable securely reconnected.

Added by [GN No. 21 of 1962]

64. Counting explosions

(1) Except in case of electric firing, the number of shots exploding shall be counted by at least two persons, one of whom shall be the person who fires the charges. If they are not both certain that all the shots have exploded, no one shall be allowed to return to the working place until the expiration of a period of ten minutes after the fuses have been lighted,

(2) When charges are fired by electricity, the foreman in charge sha11, after firing, disconnect the cables of the battery and examine the place carefully before permitting any other person to enter. He shall instruct those employed in clearing the loose material from such place to report immediately to him the presence of any wires in a socket or in or under such loose material. If the foreman in charge has any reason to believe that a detonator may not have fired, he shall at once order work to cease and shall carefully trace such wires in order to determine whether a misfire has occurred.

65. Method of dealing with misfire

(1) When a misfire occurs, the foreman in charge shall proceed as follows-

The tamping of the hole shall be withdrawn by means of a water jet, a primer cartridge inserted and the hole refired, provided that, notwithstanding the provisions of sub-paragraph (3) of regulation 61 of these Regulations, the holder of a blasting certificate may, when engaged in shaft-sinking, blow explosives out of a misfired hole with water having a pressure of not less than 30 lbs. per square inch or by compressed air and water carefully applied by means of a brass or copper pipe of a design approved by the Permanent Secretary. If water under sufficient pressure is not available, a hole shall be drilled not less than twelve-inches away from the misfired hole in such a manner that the drill cannot come in contact with the explosives in the misfired hole, and shall be fired in the ordinary manner: if necessary, this operation shall be repeated until the original charge has been exploded or dislodged.

(2) No work shall be undertaken in the vicinity of an unexploded charge except under the direction of the foreman in charge.

Amended by [Act No. 34 of 1960]

66. Misfires to be plugged

- (1) If a misfire cannot be dealt with immediately as provided in regulation 65 of these Regulations, the foremen in charge shall carefully plug the misfired hole by means of a special wooden plug which shall be readily distinguishable from plugs used for her purposes.
- (2) The foreman in charge shall keep on hand a sufficient supply of such plugs for this purpose.
- (3) It shall be an offence against these Regulations for any person other than the foreman in charge dealing with the misfire to remove the plug from a misfired hole, and it shall be an offence for any person to plug with such special wooden plug any hole other than a misfired hole or a hole or part of a hole left standing or suspected of containing explosives.

67. Misfire must be reported

(I) If a misfire occurs, at change of shift, the foreman in charge when the misfire occurred shall forthwith report in writing such misfire as well as any other matter requiring attention to the works managers or overseer and to the foreman of the following shift.

- (2) In the case of a misfire or a supposed misfire where the shots are fired by electricity, no person shall be allowed to return to the working place until the expiration of a period of ten minutes after the cable has been disconnected from the shot-firing apparatus.
- 68. Foreman must be the first to enter working place
- (1) Before commencing work, whether at the beginning of a shift or after blasting, the foreman in charge of the shaft shall first enter the working place, and, until he considers it safe, he shall not allow any workmen to proceed thereto except those required to assist him.
- (2) No person shall return to any working place truth such place is free from the dust, smoke and fumes caused by blasting.
- (3) In shaft-sinking, the foreman in charge, accompanied, if necessary, by not more than two other persons, shall carefully examine the shaft for a distance of one hundred feet above the bottom after blasting, and shall remove all loose debris which may have settled on the shaft timbers or fittings.

69. Copy of Act and Regulations to be exhibited

A copy of the Act and of the Regulations made thereunder shall be kept in an accessible place in the Government magazine and in every licensed store, and the person in charge of the magazine or store shall be responsible for carrying out the provisions of this regulation.

70. Report of accidents

Where an accidental explosion causing injury or death to any person occurs in connection with the manufacture, storage, use or transport of explosives, the person in charge of the place where the explosives are being manufactured or stored, or the person superintending the use or transport of such explosives, as the case may be, shall cause a written report of the accident to be sent with the least possible delay to the officer in charge of the nearest Police Station.

71. Enquiry into accident

Such report shall immediately be submitted to the Superintendent of Police of the District concerned who shall, as soon as possible, hold an inquiry into the cause of such accident.

72. Notwithstanding anything to the contrary in these Regulations, but subject to the provisions of the Firearms Act, any person may purchase, keep, or have in his possession, without a permit issued under these Regulations, ammunition of all descriptions.

73. [Spent]

Form No.

- 1. Application for Permit to import explosives.
- 2. Permit to import explosives.
- 3. Permit for removal of explosives from Government Magazine.
- 4. Permit for transportation of explosives.
- 5. Application for explosives/detonators store licence.
- 6. Explosives/detonators store licence.
- 7. Application for licence to purchase or acquire explosives.
- 8. Licence to purchase or acquire explosives.
- 9. Permit to sell explosives.
- 10. Application for Blasting Certificate.
- 11. Blasting Certificate.
- 12. Return of explosives.
- 13. Explosives Receipt Book.
- 14. Explosives Delivery Book.

FORM No. 1 THE EXPLOSIVES REGULATIONS

Application for Import Permit – (Section 7 of the Explosives Act)

1.	Full		name		of
	applicant				
2.	Age				
3.	Nationality				
4.	Address				
5.	Purpose	for	which	explosives	are
	required				

6.	Name supplier		and		address		ot
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* Strike out whichever is inapplicable.

FORM No. 3 THE EXPLOSIVES REGULATIONS Permit for Removal of Explosives from Government Magazine (Section 11 of the Explosives Act)

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Governme	ent ma	igazine.							
							Commissi	oner of I	Police
Th	nis forn	n is to be	retained by	the C	omptroller of	f Custom	is.		
On Verso									
Th	ne foll	owing ex	plosives vi	Z		h	ave been	handed	over
to		•	•						
							Comptroll	er of Cus	stoms
				FOR	RM No.4				
			THE EXPL	_	ES REGULA	ZNOITA			
					ortation of E		2		
				•	he Explosive	•	3		
			(Section)	12 OI t	ile Explosive	55 ACI)			
						io l	horoby n	ormittad	to
transport/					transp				owing
-			tror	n					
to									_
subject to	o the	condition	ns prescribe	ed in	regulations	31 an	d 33 of th	e Explo	sives
Regulatio	ns, 19	60 and to	the addition	al cor	nditions men	itioned b	elow:		
(1)	The	explosiv	es shall	be	transported	d only	between	the	hours
of.					on (state da	ay/s)			
(2)		The	follo	wing	re	oute	shall		be
fol	lowed								

(3)	The vehicle transporting the explosives shall carry posters bearing the word "Beware, Explosives".
(4)	The vehicle shall not exceed a spee
	ofmiles per hour.
	Commissioner of Police
	FORM No.5
THE E	XPLOSIVES REGULATIONS Application for Explosives/Detonators Store Licence
	(Section 14 of the Explosives Act)
1.	Full name c
	Applicant
2.	Age
3.	Nationality
4	
4.	Address
5.	Have you previously made application for the issue of
5.	licence?
6.	If the reply to 5 be "yes", state whether application was granted of
	refused
7.	(a) If the application was granted, state number, date and place of issue of licence and the reason for now requiring another.
	(b) If the application was not granted, state where application was made and
reasor	for refusal
8.	State address of premises in relation to which the application is
	made
9.	State nature and quantity of explosives/detonators that are sought to be
	stored

10). State stored.	reason			-	sives/detor	nators	are	sought	to	be
11	. Is	permission	on	to	sell	explo		etonat	ors	requir	ed?
Date.											
									nature of		
					FORM N						
			THE	E EXPLC	SIVES	REGULAT	ΓIONS				
			Exp	losives/D	Detonato	rs Store L	icence				
			(Se	ction 15(1) of the	Explosive	es Act)				
	Licence	e No									
	The	buildi	•	whic				1	erected	İ	at
(place	;)				on	(describe	t	itle	to	la	and)
			-								
(addre	ess)			is	hereby	licensed	as a	store	for the s	torage	e of
(state	nature a	and quanti	ty of	explosive	es/deton	ators and	manne	r in wl	hich they	are to	be
stored	d)(k										
	Issued	at			or	1					
								Super	rintenden	t of Po	olice
				,	FORM N	lo 7					
			тыг			NO. 7 REGULAT	LIUNIS				
		Annlication		_		hase or Ad		vnlosi	VAS		
		Application				Explosives	•	.λρισδί	VES		
1.	Full na	me of App	licant								
2.	Age										

3.	Nationality										
4.	Address										
5.	Purpose	for		which	explosives	are					
	required										
6.	Name		and		address	of					
	supplier										
7.	Is the lice	nce required	to cover po	urchases ove	er a period or fo	or one specific					
	purchase?										
8.	If the liceno	ce is to cover	purchases o	ver a period,	state:-						
	(a) per	iod required.									
	(b) the	e nature and	l maximum	quantity of e	explosives to be	obtained per					
	mo	nth									
9.	If the lice	nce is for a	specific pu	ırchase, stat	e the nature a	nd quantity of					
	explosives required										
10.	State route	to be follow	ed and mea	ns of transpo	rt between supp	lier's store and					
	purchaser's store or vault										
11.	Place and	district when	e explosives	will be store	ed and used. St	ate number of					
	licensed	store or	whether	approved	storage vaul	ts will be					
	used										
Da	te										
					Signatu	re of Applicant					
			FORM	1 NO.8							
THE E	XPLOSIVE	S REGULATI	ONS								
		Licence	to Purchase	or Acquire Ex	plosives						
		(se	ction 17 of th	e Explosives	Act)						
	Licence No	D									
	Licence	is here	by grant	ed to	(name)	of					
(addre	ss)		to	purchase	or acq	uire from					
(name)	of	(address)		during	the month or					
month	s of the und	er mentioned	explosives-								

	ons:-					
(1)		must be conveyed	by (State mea	ns of trans	port and ro	ute to be
(0)	followed)					
(2)		•	must	be	stored	in
					• •	storage
(0)		i				
` ,	•	ditions, if any)				• • • • • • • • • • • • • • • • • • • •
ISS	ued at	on				
					nmissioner	
* Strike	e out whichever is	inapplicable.				
		F∩R	M No.9			
		THE EXPLOSIVE	ES REGULATI	ONS		
		Permit to S (Section 18 of the	dell Explosives	Act)		
		(2001.011 10 01 1	10 Exp.00.100	, 101)		
	Permit No					
	Mr					
of		, is he	reby licensed	to sell e	explosives	from his
license	ed store at					
_	at	on				
Issued						
Issued						
Issued				Cor	nmissioner	of Police
Issued				Cor	nmissioner	of Police
Issued		FOR	M No.10	Cor	mmissioner	of Police
Issued		FOR! THE EXPLOSIVI			mmissioner	of Police
Issued		_	ES REGULATI	IONS	nmissioner	of Police
Issued		THE EXPLOSIVE	ES REGULATI Blasting Certific	IONS cate	mmissioner	of Police
Issued	Full name of app	THE EXPLOSIVE	ES REGULATI Blasting Certifice the Explosives	IONS cate s Act)		of Police

3.	Nationality	
4.	Address	
5.	Have you previously made application for the issue of a certificate	?
6.	If the reply to 5 be "yes", state whether application was granted or refused	r
7.		٦f
7.	blasting certificate a the reason for now requiring	
	another	9
	(b) If the application were not granted, state where application was made an	Ч
reasor	n for refusal	u
100301		
	Have you ever held a bleeting cortificate in any other country? If so, give	_
0.	Have you ever held a blasting certificate in any other country? If so, give	
	particulars and forward such certificate if available, for scrutiny)r
9.	Have you ever held a blasting certificate which has any time been cancelled of	r
	suspended? If so, give particulars	
10	Specify nature of work for which blasting certificate is required namely-	
	(a) surface and open cas	st
	workings	
	(b) undergroun	d
	workings	
11	. What practical experience have you of blasting operations? (State hor	W
	long)	
	(a) on surface or in open case	st
WC	orkings	
***		of
	mine	
	I certify that I have studied and understood, and I am in possession of a copy of	f
		١,
	the Explosives Act and the regulations made thereunder.	

Date					
Davaraa Cida				Signatu	re of Applicant
Reverse Side					
	CEF	RTIFICATE O	F COMPETENC	CY	
	(Se	ction 20 of th	e Explosives Ac	ct)	
ı	(full	namı	ə)		of
(address)	`		,		
held)					-
issued on		-		_	
certify that the d	etails enumera	ted overleaf a	are to the best o	of my knowledg	e true and that
I have examined	the applicant	as to his knov	wledge of the ha	andling and use	e of explosives
and of the law c	oncerning the s	same and tha	t in my opinion	he is a fit and	pro~ person to
be issued with a	blasting certific	cate in the ca	tegory specified	d in the applicat	tion.
Date					
					Signature
	T		I No.11	NO	
	IHE		S REGULATIO	NS	
	(500	•	Certificate	\ ct\	
	(Sec	11011 20(3) 01 1	he Explosives <i>F</i>	4CI)	
No					
		t (full name	of holder)		of
(address)	· ·	•	•		
blasting operation	ons of the follow	ving nature-			-
*(a) s	urface	and	open	cast	workings
only					
*(b) s	urface and	open ca	st workings	and any	underground
workings					
This cer	tificate is rest	ricted to		(s	tate particular

area location or piece of work to which restricted, if so restricted).

	This certificate is valid	d for a perio	od of				
	Issued	at	1	the			office
at		on					
	Fee at the rate of Rs	1 per annu	m.				
Signa	ature of Holder						
							Per
mane	ent Secretary. Ministry o	of					
							Works
and I	nternal Communication	S					
(to be	e affixed immediately or	receipt he	reof)				
	This certificate is	-	varied	to	authorise	blasting	operations
in							
	<i>(i)</i>					Date	
			Р	erma	nent Secret	ary. Minist	ry of Works
	and Internal Commur	nications					
	(ii)					Date	
			Р	erma	nent Secret	ary, Minist	ry of Works
	and Internal Commur	nications				_	
	(iii)					Date	
			• •				
							6 NA / 1
			Р	erma	nent Secret	ary. Minist	ry of Works
	and Internal Commun	nications				Dete	
	(iv)					Date	

and Internal Communications.

* Strike out whichever is inapplicable.

FORM No.12

THE EXPLOSIVES REGULATIONS

(Section 24 of the Explosives Act)

Return of Explosives

The Sup	erint	endent of Poli	ce			
Return	of	Explosives	in	Possession	ofduring	the
month		of 19.				

	Stocks*				Total	
Item	at	Fresh	stock	Total	amounts	Balance
	beginning	received			sold or	of
	of month				otherwise	stocks
					distributed	at end
					during the	of
					past	month
					month	
		Amounts*	From			
			whom			
			received			
Gelignite						
Dynamite						
Detonating						
fuse						
Safety fuse: Coils (24						
ft.)						

Safety fuse: Reels			
(2,400 ft)			
(2,700 ft)			
Detonators: No. 8			
Detonators: No. 6			
Electric Detonators			
Fuse			
igniters			

*The following units should be employed: Explosives (cases of 501b. net weight), Detonators (number). Fuse igniters (number). Fuses (coils or reels).

I/	We hereb	y declare the a	above to be a tru	e record of the stocks	of explosives
lying	in	my/our	licensed	magazine/explosives	s store
Nos		.at	and/or I	nave been traded or o	distributed by
me/us d	uring the n	nonth of		., 19	
			S	ignature of Licensee	
				19	9

NOTE - This form should be submitted in duplicate to the Superintendent of Police of your District by the tenth day of each calendar month.

FORM No. 13 THE EXPLOSIVES REGULATIONS

Explosives Receipt Book

(Regulation 50 of the Explosive Regulations 1960)

Serial	Date of	Name of person or	Nature of	No. and	Total
No. of	receipt	firm from whom	explosives	description of	weight
import		received; or if		packages	

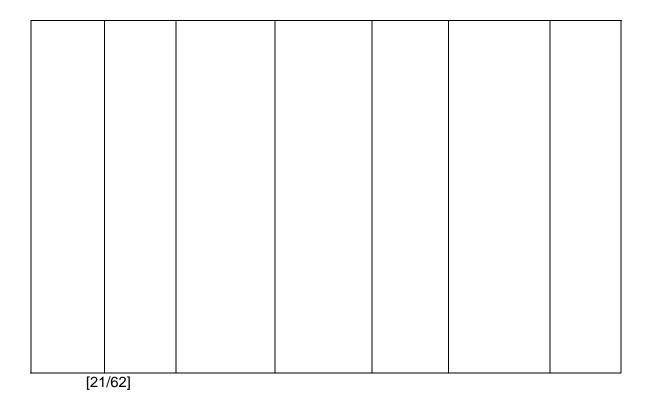
permit	imported name of		
	person or firm		
	from and of ship		
	by which imported		

FORM No. 14 THE EXPLOSIVES REGULATIONS

Explosives Delivery Book

(Regulation 50 of the Explosive Regulations 1960)

Serial	Date of	Name	and	Name	and	Nature of	No. and	Total
number	delivery	address	of	address	of	explosive	description	weight
of Police		person	or	carrier	or		of packages	
permit		firm to w	hom	person	to			
		sold or	to	whom				
		who,		delivere	d			
		delivery	is to					
		be made)					



SECOND SCHEDULE FEES

Rs cs

Amended by [GN No. 21 of 1962]; [GN No. 149 of 1978]