

Unvalidated References:

Explosives Act (Adopted)

Explosives Act

This reprint of this Statutory Instrument incorporates all amendments, if any, made before 25 November 2006 and in force at 1 July 2001.

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Legislative Counsel
Dated 25 November 2006

INDEPENDENT STATE OF PAPUA NEW GUINEA.

Chapter 309A.

Explosives Regulation

ARRANGEMENT OF SECTIONS.

PART I – PRELIMINARY.

1. Interpretation.
 - “average net explosive percentage”
 - “container”
 - “explosives”
 - “Government explosives”
 - “gross weight”
 - “net explosives weight”
 - “supervisor”
 - “vehicle”
 - “vessel”
2. Application.
3. Groups of Government explosives.
4. Appointment of supervisors.
5. Directions by supervisors.

PART II – ROAD TRANSPORT.

Division 1 – Preliminary.

6. Interpretation of Part II.
 - “approved trailer”
 - “approved vehicle”
 - “attendant”
 - “convoy”
 - “vehicle”
7. Application of Part II.
8. Attendants.

Division 2 – Loading.

9. Application of Division 2.
10. Vehicles on which explosives to be loaded.
11. Loading of explosives in Groups 1, 2, 3 and 4.
12. Group labels.
13. Cleanliness of vehicles, etc.
14. Stopping engines during loading.
15. Segregation of explosives.
16. Limits of load.
17. Securing of load.
18. Offences against Division 2.

Division 3 – Transportation.

19. Route.
20. Compulsory halts.
21. Inspection by driver.
22. Discovery of defects.
23. Major defects.
24. Calling on assistance.

25. Major repairs.
26. Refuelling.
27. Distance between loaded vehicles.
28. Loaded vehicles in populated areas.
29. Level crossings.
30. Speed of vehicles.
31. Driving during hours of darkness.
32. Explosives in cabin.
33. Intoxicating liquor.
34. Carriage of fuel.
35. Instruction to cease driving.
36. Attention of drivers and attendants to be drawn to certain matters.

Division 4 – Unloading.

37. Inspection before and during unloading.
38. Measures to be taken after unloading completed.
39. Stopping of engines during unloading.

Division 5 – Miscellaneous.

40. Smoking materials.
41. Leaving vehicles unattended or explosive exposed to weather.
42. Unauthorized persons boarding vehicles.

PART III – RAIL TRANSPORT.

Division 1 – Preliminary.

43. Interpretation of Part III.
 - “approved freight container”
 - “covered van”
 - “explosives”
 - “goods train”
 - “open wagon”
 - “passenger train”
 - “powder van”
 - “vehicle”

Division 2 – Loading.

44. Application of Division 2.
45. Rail vehicle categories.
46. Vehicles on which explosives to be loaded.
47. Securing of load.
48. Group labels.
49. Cleanliness of vehicles.
50. Rail loading categories.
51. Segregation of explosives in different rail loading categories.
52. Loading of explosives in rail loading category E, K, L, N or W.
53. Loading of unboxed ammunition or of explosives in metallic containers.
54. Loading of explosives with other dangerous goods.

Division 3 – Transportation.

55. Carriage of explosives on goods trains.
56. Maximum quantity of explosives.

57. Segregation of vehicles.

Division 4 – Unloading.

58. Inspection before and during unloading.

59. Unloading of goods.

60. Cleaning after unloading completed.

Division 5 – Miscellaneous.

61. Smoking materials.

62. Entry of supervisor.

63. Unauthorized persons attending loading or unloading.

PART IV – ORDERS.

64. Orders by Minister and authorized persons.

65. Orders directing berthing of vessels.

66. Orders inconsistent with this Regulation.

67. Application of orders.

68. Publication of orders of general application.

69. Service of orders addressed to particular persons.

70. Orders under Section 64(1)(c).

PART V – EXPLOSIVES TRANSPORT COMMITTEE.

71. Interpretation of Part V.

72. Establishment of the Committee.

73. Membership of the Committee.

74. Chairman, Deputy Chairman and executive member.

75. Deputies of members.

76. Meetings of the Committee.

77. Functions of the Committee.

PART VI – MISCELLANEOUS.

78. Packaging of goods before transportation.

79. Inspection before loading.

80. Handling of Group 13 explosives.

81. Explosives in damaged containers and spilled explosives.

82. Certification that containers are free from explosives.

83. Delegation.

84. Penalties for contraventions of this Regulation.

SCHEDULE 1 – Explosives.

SCHEDULE 2 – Requirements as to Road Vehicles.

SCHEDULE 3 – Requirements as to Freight Containers.

Explosives Regulation

Made under the *Explosives Act (Adopted)*.

Dated 200 .

PART I. – PRELIMINARY.

1. INTERPRETATION.

(1) In this Regulation, unless the contrary intention appears–

“**average net explosive percentage**”, in relation to goods consisting of an explosive the name of which is set out in the first column of Schedule 1, means the number (if any) set out in the third column of that Schedule opposite to that name;

“**container**” includes a package or casing;

“**explosives**” means the substances and articles specified in the first column of Schedule 1, being substances and articles capable of producing an explosive, incendiary or pyrotechnic effect or of being in chemical warfare;

“**Government explosives**” means explosives that–

- (a) are the property of, or are in the possession or control of, the State; or
- (b) explosives that have been manufactured by the State and, under an arrangement made with the Government, are intended to be, or are being, exported from the country; or
- (c) are the property of, or are in the possession or control of, the government or the naval, military or air forces of another country and are in Papua New Guinea with the approval of the Government for the purposes of, or for a purpose related to, the defence of Papua New Guinea;

“**gross weight**”, in relation to goods consisting of explosives, means the weight of the explosives and of the containers (if any) in which the explosives are contained;

“**net explosives weight**”, in relation to goods consisting of explosives, means the weight that bears to the gross weight of the goods the same proportion as a number equal to the average net explosive percentage of the goods bears to 100;

“**supervisor**”, in relation to any operation involved in the handling of explosives, means a person appointed under this Regulation to supervise the operation;

“**vehicle**” means a vehicle used for transporting goods on land, whether by road, rail or otherwise;

“**vessel**” has the same meaning as in Part II of the *Explosives Act (Adopted)*.

(2) In this Regulation a reference to goods consisting of explosives or Government explosives shall be read as including a reference to goods consisting in part only of explosives or Government explosives, as the case may be.

2. APPLICATION.

(1) In this Section, unless the contrary intention appears, “the Defence Force” includes any naval, military or air forces of a country other than Papua New Guinea that are in Papua New Guinea with the approval of the Government for the purposes of, or a purpose related to, the defence of Papua New Guinea.

(2) This Regulation and orders made under this Regulation do not apply to or in relation to—

- (a) the handling of explosives in a place—
 - (i) that is permanently occupied by, or by a part of, the Defence Force or on lands on which the Defence Force, or a part of the Defence Force, is authorized to enter under any law relating to national defence; or
 - (ii) where explosives are manufactured; or
 - (iii) that is declared by the Minister in writing to be a place to which this Regulation does not apply; or
- (b) the transport by road, between a place where a part of the Defence Force is encamped and a place where the training of that part of the Defence Force is carried out, on a vehicle or vehicles forming part of the equipment of that part of the Defence Force, of explosives to be used for the purposes of that training.

3. GROUPS OF GOVERNMENT EXPLOSIVES.

(1) For the purposes of this Regulation, Government explosives are divided into Groups and a Government explosive the name of which is set out in the first column of Schedule 1 shall be deemed to be included in the Group set out in the second column of that Schedule opposite to that name.

(2) Government explosives included in a Group specified in the first column of the following table have the characteristics set out in the second column of that table opposite to the reference to that Group:—

Group.	Characteristics.
1 1	Bear a fire and explosion risk, are relatively sensitive to spark or friction, are in bulk or (other than those contained in sealed metal components) are contained in paper or fabric wrapping and do not contain their own means of ignition.
2 2	Liable to decomposition, bear an explosion risk and do not contain their own means of ignition.
3 3	Liable to decomposition, bear a fire risk and do not contain their own means of ignition.
4 4	Stable, bear a fire or explosion risk and do not contain their own means of ignition.

- 5 5 Unboxed shell or bombs, filled with high explosive, gun powder or star composition, whether plugged or fused.
- 6 6 Boxed ammunition containing only high explosives, gunpowder or propellants and with or without their own means of ignition.
- 7 7 High capacity ammunition, filled with high explosive, plugged, with or without components in their containers.
- 7A 7A High capacity ammunition filled with high explosive and containing their own means of ignition.
- 8 8 Mortar, grenade or rocket ammunition filled with high explosive or gunpowder, or high explosive charges, with or without propellants and components in their containers.
- 9 9 Pyrotechnics.
- 10 10 Detonators or initiatory compositions.
- 11 11 Incendiary or smoke ammunition, not containing phosphides, white phosphorus, inflammable liquids or gel, with or without components in their containers.
- 12 12 Ammunition, containing phosphide or white phosphorus, with or without components in their containers.
- 13 13 Chemical ammunition, with or without components in their containers.
- 14 14 Incendiary ammunition, containing inflammable liquids or gel, but not containing phosphides or white phosphorus, with or without components in their containers.
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4. APPOINTMENT OF SUPERVISORS.

(1) The Minister, or a person authorized by the Minister to make appointments under this section, may—

- (a) by writing under his hand, appoint a person to supervise any operation involved in the handling of Government explosives; and
- (b) give to the person such instructions in relation to it, not inconsistent with this Regulation or an order made under this Regulation as the Minister or person making the appointment thinks necessary.

(2) A person appointed under Subsection (1) must—

- (a) supervise, and be present during, the carrying out of the operation that he is appointed to supervise; and
- (b) have a copy of this Regulation in his possession at all times during the carrying out of that operation; and
- (c) comply with any instructions given to him under Subsection (1) in relation to the operation; and

(d) as far as practicable, ensure that this Regulation, and any order made under this Regulation are complied with in the carrying out of the operation.

(3) A person must not—

(a) load on to, or unload from, a vehicle or aircraft goods consisting of Government explosives; or

(b) carry out or perform any operation incidental to, or arising out of, the loading on to, or the unloading from, a vehicle or aircraft of goods consisting of Government explosives; or

(c) handle goods consisting of Government explosives at a port,

unless a supervisor has been appointed under Subsection (1), to supervise the loading, unloading or other operation or handling.

5. DIRECTIONS BY SUPERVISORS.

(1) A supervisor may give to persons engaged in carrying out the operation that he is appointed to supervise such directions (including directions as to the equipment to be used for the purposes of the operation) as he thinks proper and as are not inconsistent with this Regulation or an order made under this Regulation.

(2) A person who fails to comply with a direction given to him by a supervisor under Subsection (1) is guilty of a contravention of this section.

PART II. – ROAD TRANSPORT.***Division 1.******Preliminary.*****6. INTERPRETATION OF PART II.**

In this Part, unless the contrary intention appears–

“**approved trailer**” means a vehicle, being a trailer, that complies with the requirements specified in Part I of Schedule 2;

“**approved vehicle**” means a vehicle, not being a trailer, that complies with the requirements specified in Part II of Schedule 2;

“**attendant**” means a person appointed under this Part to travel on a vehicle as an attendant, and includes a supervisor when he travels on a vehicle and acts as an attendant;

“**convoy**” means two or more vehicles in convoy;

“**vehicle**” means a vehicle used for transporting goods by road.

7. APPLICATION OF PART II.

This Part and orders made in relation to the transport by road of goods consisting of Government explosives do not apply to or in relation to the handling of a quantity of goods consisting of Government explosives included in a Group specified in the first column of the following table, if the net explosives weight of the goods is less than the weight shown opposite to the Group in the second column of that table:–

Group.	Weight. (in kg)
1 1	268
2 2	268
3 3	360
4 4	608
5 5	040
6 6	040
7 7	340
7A 7A	823
8 8	823
9 9	216
10 10	268
11 11	608

12 12	608
13 13	0.454
14 14	0.454

8. ATTENDANTS.

(1) Where goods consisting of Government explosives are to be transported by road in a single vehicle, the supervisor of the transportation, or, if there is no supervisor of the transportation, the supervisor of the loading of the goods, shall appoint a person who is competent to act as a driver in an emergency to travel on that vehicle as an attendant.

(2) Where goods consisting of Government explosives are to be transported by road in a convoy, the supervisor of the transportation, or, if there is no supervisor of the transportation, the supervisor of the loading of the goods, shall, in accordance with Subsections (3) and (4) appoint persons, of whom at least one is competent to act as a driver in an emergency, to travel as attendants on vehicles in the convoy.

(3) Where a convoy consists of less than five vehicles, one attendant shall be appointed to travel on the first vehicle in the convoy and one attendant shall be appointed to travel on the last vehicle in the convoy.

(4) Where a convoy consists of five or more vehicles, one attendant shall be appointed to travel on the first vehicle in the convoy and one attendant shall be appointed to travel on the last vehicle in the convoy and additional attendants shall be appointed to travel on other vehicles in the convoy to ensure that between each vehicle on which an attendant is travelling there are not more than three vehicles without an attendant.

(5) A supervisor may travel on a vehicle and act as an attendant.

Division 2.

Loading.

9. APPLICATION OF DIVISION 2.

This Division applies to the loading of goods consisting of Government explosives on to vehicles for the transporting of the goods by road.

10. VEHICLES ON WHICH EXPLOSIVES TO BE LOADED.

(1) Subject to Subsection (2), the supervisor of the loading of goods consisting of Government explosives must not permit the goods to be loaded on to a vehicle unless the vehicle is—

- (a) an approved vehicle; or
- (b) if an approved vehicle is not available—an approved trailer.

(2) For the purposes of this Section, a vehicle belonging to the Defence Force that complies with the requirements specified in Part II of Schedule 2 other than the requirements specified—

- (a) in Section Sch. 2.7; or
- (b) in the case of a vehicle that is not a vehicle of the type known as a semi-trailer—in Section Sch. 2.9,

shall, when used for the transportation of ammunition for the purposes of that Force, be deemed to be an approved vehicle.

11. LOADING OF EXPLOSIVES IN GROUPS 1, 2, 3 AND 4.

Goods consisting of Government explosives included in Group 1, 2, 3 or 4 shall not be loaded on to a vehicle, unless the goods are packed in a container specially designed for the carriage of those goods or in a container of a kind known by any of the following names:—

- (a) Box, ammunition, C.190.
- (b) Box, ammunition, Cal. 50M2 for Cordite Samples only.
- (c) Case, magazine.
- (d) Case, powder.
- (e) Case, transport, detonators.
- (f) Case, transport, explosives.
- (g) Cylinder, transport, detonators.
- (h) Magazine, portable (Aust.).

12. GROUP LABELS.

(1) Subject to Subsection (2), goods consisting of a boxed Government explosive shall not be loaded on to a vehicle unless the number of the Group in which the explosive is included appears on the outside of the containers holding the goods.

(2) Where the name of a Government explosive, preceded by the symbol “†” is set out in the first column of Schedule 1, Subsection (1) does not apply to or in relation to goods consisting of that explosive.

13. CLEANLINESS OF VEHICLES, ETC.

Goods consisting of a Government explosive shall not be loaded on to a vehicle unless the part of the vehicle on which the goods are to be loaded is clean and free from articles other than those necessary to secure the load.

14. STOPPING ENGINES DURING LOADING.

Goods consisting of a Government explosive shall not be loaded on to a vehicle while the engine of the vehicle is running.

15. SEGREGATION OF EXPLOSIVES.

(1) Goods consisting of a Government explosive included in one Group of explosives shall not be loaded on to a vehicle with goods consisting of an explosive included in another Group of explosives except, subject to Subsection (2), for the purpose of providing a full load for the vehicle.

(2) Goods consisting of a Government explosive included in Group 7A, 12, 13 or 15 shall not, under any circumstances, be loaded on to a vehicle with goods consisting of an explosive included in another Group of explosives.

16. LIMITS OF LOAD.

The net explosives weight of goods consisting of Government explosives loaded on to a vehicle shall not exceed 4,535.92kg and a vehicle shall not be loaded with goods consisting of Government explosives beyond its load capacity.

17. SECURING OF LOAD.

Immediately after goods consisting of Government explosives have been loaded on to a vehicle, the goods shall be properly secured on the vehicle and protected against damage or theft.

18. OFFENCES AGAINST DIVISION 2.

Where a requirement of Section 11, 12, 13, 14, 15, 16 or 17 is not complied with in relation to the loading of goods consisting of Government explosives on to a vehicle, the supervisor of the loading and the driver of the vehicle are each guilty of a contravention of the section containing the requirement.

Division 3.***Transportation.*****19. ROUTE.**

A supervisor of the transportation by road of goods consisting of Government explosives, or if there is no such supervisor the supervisor of the loading of the goods, shall—

- (a) plan in advance the route to be followed by the vehicle or convoy in which the goods are to be transported; and
- (b) as far as practicable, plan a route that does not pass—
 - (i) through closely populated areas; or
 - (ii) along a street or road that carries an electric tramway.

20. COMPULSORY HALTS.

(1) Where goods consisting of Government explosives are being transported on a vehicle by road and, on a particular day, the distance to be travelled is greater than

24.140km, the vehicle shall be halted for a period of 10 minutes in the first available area in which there are no adjacent buildings—

- (a) after the vehicle has travelled the first 11.265km on that day; and
- (b) at the end of each 100 minutes of travelling during that day subsequent to the first halt.

(2) Where a vehicle in which goods consisting of Government explosives are being transported by road is not halted as required by Subsection (1) the supervisor (if any) of the transportation and the driver of the vehicle are each guilty of a contravention of this section.

21. INSPECTION BY DRIVER.

When a vehicle, including a vehicle in a convoy, is halted as required by Section 20, the driver of the vehicle and the attendant (if any) travelling on the vehicle shall immediately inspect the vehicle to determine—

- (a) that the vehicle is in a serviceable condition; and
- (b) that the load is secure and intact; and
- (c) that undue heat is not generated—
 - (i) by movement of the load; or
 - (ii) by rubbing of the tyres on the vehicle; or
 - (iii) by deflation of the tyres; or
 - (iv) by faulty brake adjustment; or
 - (v) from any other cause.

22. DISCOVERY OF DEFECTS.

(1) If the driver of a vehicle, or an attendant travelling on a vehicle, on which goods consisting of Government explosives are being transported by road under the supervision of a supervisor discovers a defect in or damage to the vehicle or goods, he shall immediately report the defect or damage to the supervisor.

(2) If a vehicle on which goods consisting of Government explosives are being transported, or the goods, becomes or become defective or suffers or suffer damage—

- (a) the driver of the vehicle shall immediately remedy the defect or damage if it is not serious and can be remedied without undue delay or danger to the vehicle or to any other vehicle; and
- (b) the driver of the vehicle shall not proceed on the journey while the defect or damage continues to exist unless the driver, or if the transportation is under the supervision of a supervisor the supervisor, is of opinion that the defect or damage does not affect the safety of the vehicle or of any other vehicle.

23. MAJOR DEFECTS.

(1) If a vehicle on which goods consisting of Government explosives are being transported, or the goods, becomes or become defective or suffers or suffer damage, and the defect or damage cannot be remedied by the driver of the vehicle without undue delay or danger to the vehicle or to other vehicles—

- (a) the vehicle shall, if possible, be moved as close as practicable to the side of the road and away from the vicinity of any buildings; and
- (b) passing traffic shall be warned to slow down; and
- (c) the nearest police station shall be advised; and
- (d) the consignor or the consignee of the goods, whichever can be more conveniently communicated with, shall be advised of the defect or damage as soon as possible; and
- (e) the vehicle and the goods shall be dealt with in accordance with the instructions (if any) of the consignor or the consignee, as the case may be.

(2) If a vehicle on which goods consisting of Government explosives are being transported, or the goods, catches or catch fire, the requirements of Subsection (1) shall be complied with and—

- (a) appropriate action shall be taken to extinguish the fire; and
- (b) if the fire cannot be readily extinguished, approaching traffic shall be stopped at a safe distance; and
- (c) the nearest police station and fire brigade shall, if practicable, be called on for assistance and advised of the nature of the load and of the hazards involved.

(3) If any requirement of Subsection (1) or (2) is not complied with, the supervisor (if any) of the transportation of the goods, the driver of the vehicle concerned and the attendant (if any) travelling on the vehicle are guilty of a contravention of this section unless it was impossible to comply with the requirement.

24. CALLING ON ASSISTANCE.

(1) Subject to Subsection (2), where a vehicle on which goods consisting of Government explosives are being transported, or the goods, becomes or become defective or suffers or suffer damage, the supervisor (if any) of the transportation of the goods, the driver of the vehicle or the attendant (if any) travelling on the vehicle may require any person to assist in carrying out the requirements of Section 23.

(2) A person called on to assist under Subsection (1) must not fail to assist in the manner required.

(3) The assistance that may be required of a person under Subsection (1) shall not be such as to place him in danger.

25. MAJOR REPAIRS.

(1) For the purposes of this section, repairs shall be deemed to be major repairs if they are of a kind that ordinarily require the entry of a vehicle into a garage, workshop or service station.

(2) Where goods consisting of Government explosives are being transported on a vehicle, the supervisor (if any) appointed to supervise that transportation or the driver of the vehicle must not—

- (a) effect any major repairs; or
- (b) permit any major repairs to be effected,

to the vehicle while the goods are loaded on the vehicle.

26. REFUELLING.

Where goods consisting of Government explosives are being transported on a vehicle, a person must not refuel the vehicle or permit the vehicle to be refuelled—

- (a) while the engine of the vehicle is running; or
- (b) from a petrol pump or in a place from which fuel is supplied to the public; or
- (c) in a place (other than a Government explosives area) where there are adjacent buildings; or
- (d) unless a person carrying a fire extinguisher suitable for use on a petrol or an oil fire remains in close proximity to the vehicle while the refuelling is taking place.

27. DISTANCE BETWEEN LOADED VEHICLES.

(1) The driver of a moving vehicle by which goods consisting of Government explosives are loaded must not bring the vehicle within a distance of 68.58m of any other moving vehicle on which goods consisting of explosives are loaded.

(2) Where a convoy of vehicles by which goods consisting of Government explosives are being transported is halted, the driver of a vehicle in the convoy must not bring the vehicle within a distance of 68.58m of any other vehicle in the convoy.

28. LOADED VEHICLES IN POPULATED AREAS.

The driver of a vehicle on which goods consisting of Government explosives are loaded must not—

- (a) except for the purposes of loading or unloading the goods—drive the vehicle into, or halt the vehicle in proximity to a building (other than a building within a Government explosives area); or
- (b) except in the case of necessity—halt the vehicle in a closely populated area.

29. LEVEL CROSSINGS.

(1) The driver of—

- (a) a single vehicle on which goods consisting of Government explosives are being transported; or
- (b) the first vehicle of a convoy in which goods consisting of Government explosives are being transported,

must not drive the vehicle across a railway level crossing unless the vehicle is first halted so that the distance between the railway rail nearest to the vehicle and that part of the vehicle nearest to that rail is less than 12.192m and more than 3.048m.

(2) The driver of any vehicle on which goods consisting of Government explosives are being transported must not—

- (a) drive the vehicle across a railway level crossing unless the supervisor (if any) of the transportation, or an attendant, has, after proceeding on foot to a point at which he can clearly observe and satisfy himself that there is no danger from an approaching train or other railway vehicle, signalled the vehicle across; or
- (b) except in an emergency, change gear while driving the vehicle over a railway level crossing or while any part of the vehicle is within 3.048m of a railway line at the crossing.

30. SPEED OF VEHICLES.

The driver of a vehicle on which goods consisting of Government explosives are being transported must not drive the vehicle at a speed in excess of 56.33km an hour, and the supervisor (if any) of the transportation by road of goods consisting of Government explosives must not permit a vehicle on which Government explosives are being transported to be driven in excess of that speed.

31. DRIVING DURING HOURS OF DARKNESS.

The driver of a vehicle on which goods consisting of Government explosives are being transported must not drive that vehicle on land other than a Government explosives area between the hours of sunset and sunrise unless, in the case of emergency, the supervisor (if any) of the transportation, or if there is no supervisor the driver, thinks that, in the interests of safety, the vehicle should be driven between those hours.

32. EXPLOSIVES IN CABIN.

A person must not—

- (a) place or carry goods consisting of Government explosives; or
- (b) permit goods consisting of Government explosives to be placed or carried,

in the cabin of a vehicle.

33. INTOXICATING LIQUOR.

(1) A person must not carry intoxicating liquor, or permit intoxicating liquor to be carried, in or on a vehicle on which goods consisting of Government explosives are loaded.

(2) A person must not—

- (a) drive a vehicle on which goods consisting of Government explosives are loaded; or
- (b) act as an attendant on such a vehicle,

while he is under the influence of intoxicating liquor.

34. CARRIAGE OF FUEL.

The driver of a vehicle on which goods consisting of Government explosives are being transported must not—

- (a) carry fuel for that, or any other, vehicle; or
- (b) permit fuel for that, or any other, vehicle to be carried,

in or on the vehicle elsewhere than in the fuel tank of the vehicle.

35. INSTRUCTION TO CEASE DRIVING.

(1) Where goods consisting of Government explosives are being transported on a vehicle and the supervisor (if any) of the transportation thinks that it is desirable that the driver of the vehicle should cease to drive the vehicle, he may direct the driver not to drive the vehicle.

(2) A driver of a vehicle must not fail to comply with a direction given under Subsection (1).

36. ATTENTION OF DRIVERS AND ATTENDANTS TO BE DRAWN TO CERTAIN MATTERS.

Where goods consisting of Government explosives are to be transported by road, the supervisor of the transportation, or if there is no supervisor of the transportation the supervisor of the loading of the goods, must satisfy himself that the attention of each driver of, and of each attendant travelling on, a vehicle on which the goods are to be transported has been drawn—

- (a) to the provisions of this Regulation; and
- (b) to the number of the Group of explosives in which the explosives comprised in those goods are included; and
- (c) to the probable effect of fire on the load; and

- (d) to the proper action to be taken in the event of damage to, or spilling from, the load.

Division 4.

Unloading.

37. INSPECTION BEFORE AND DURING UNLOADING.

A supervisor of the unloading from a vehicle of goods consisting of Government explosives must inspect a vehicle and the goods immediately on the arrival of the vehicle at the place where it is to be unloaded and must examine the goods as they are unloaded from the vehicle for the purpose of detecting evidence of damage, spilling or pilfering.

38. MEASURES TO BE TAKEN AFTER UNLOADING COMPLETED.

After goods consisting of Government explosives have been unloaded from a vehicle, the supervisor of the unloading must—

- (a) cause the part of the vehicle in which the goods were carried to be thoroughly cleaned; and
- (b) cause any signboard on the vehicle that would lead to the belief that the vehicle was loaded with explosives—
 - (i) to be so covered or placed that it cannot be read; or
 - (ii) to be removed from the vehicle.

39. STOPPING OF ENGINES DURING UNLOADING.

A supervisor of the unloading from a vehicle of goods consisting of Government explosives must not permit the goods to be unloaded while the engine of the vehicle is running.

Division 5.

Miscellaneous.

40. SMOKING MATERIALS.

(1) A person must not carry on to, or take within 18.288m of, a vehicle on which goods consisting of Government explosives are loaded any smoking materials (including means of ignition) unless those materials are locked in a metal box that is painted red and provided with an efficient lock and key.

(2) A person must not—

- (a) carry, elsewhere than in the cabin of the vehicle, a box referred to in Subsection (1); or
- (b) permit such a box to be so carried,

on a vehicle on which goods consisting of Government explosives are loaded.

41. LEAVING VEHICLES UNATTENDED OR EXPLOSIVE EXPOSED TO WEATHER.

(1) A supervisor of the handling of goods consisting of Government explosives must not permit a vehicle on which the goods are loaded to be left unattended, or the goods (other than goods consisting of unboxed explosives) to be left unprotected from the weather.

(2) The driver of a vehicle on which goods consisting of Government explosives are loaded must not leave the vehicle unattended or leave the goods (other than goods consisting of unboxed explosives) unprotected from the weather.

42. UNAUTHORIZED PERSONS BOARDING VEHICLES.

(1) Subject to Subsection (2), when goods consisting of Government explosives are loaded on a vehicle, a person other than—

- (a) the driver of the vehicle; or
- (b) an attendant appointed to travel on the vehicle; or
- (c) a supervisor of the handling of the goods; or
- (d) a person loading or unloading the vehicle; or
- (e) a person authorized by the Departmental Head,

must not be in, on or in the vicinity of the vehicle without the consent of the supervisor of the handling of the goods.

(2) Subsection (1) does not apply in relation to a vehicle that is within a Government explosives area.

PART III. – RAIL TRANSPORT.***Division 1.******Preliminary.*****43. INTERPRETATION OF PART III.**

In this Part, unless the contrary intention appears–

“**approved freight container**” means a freight container that complies with the requirements specified in Schedule 3;

“**covered van**” means an enclosed vehicle other than a powder van;

“**explosives**” does not include samples of explosives that are consigned for the purpose of testing or proof and the net explosives weight of which does not exceed 2.268kg;

“**goods train**” means a train other than a passenger train;

“**open wagon**” means a vehicle other than–

(a) an enclosed vehicle; or

(b) a flat-topped vehicle;

“**passenger train**” means a train one or more of the vehicles comprising which are used for transporting passengers;

“**powder van**” means an enclosed vehicle the interior of which does not contain any exposed ferrous metal;

“**vehicle**” means a vehicle used for transporting goods by rail.

Division 2.***Loading.*****44. APPLICATION OF DIVISION 2.**

This Division applies to the loading of goods consisting of Government explosives on to vehicles for the transporting of the goods by rail.

45. RAIL VEHICLE CATEGORIES.

(1) For the purposes of this Division, the vehicles on to which goods consisting of Government explosives may be loaded are divided into rail vehicle categories.

(2) In this Division–

(a) a reference to a vehicle included in rail vehicle category B shall be read as a reference to a powder van; and

(b) a reference to a vehicle included in rail vehicle category C shall be read as a reference to a covered van; and

- (c) a reference to a vehicle included in rail vehicle category D shall be read as a reference to an open wagon.

46. VEHICLES ON WHICH EXPLOSIVES TO BE LOADED.

(1) Subject to Subsections (2) and (3), the supervisor of the loading of goods consisting of a Government explosive, the name of which is set out in the first column of Schedule 1, must not permit the goods to be loaded on to a vehicle other than a vehicle included in the rail vehicle category set out in the sixth column of that Schedule opposite to that name.

(2) Where the supervisor of the loading of goods consisting of a Government explosive is authorized by Subsection (1) to permit the goods to be loaded on to a vehicle included in rail vehicle category D—

- (a) he may permit the goods to be placed in an approved freight container and loaded on to a flat-topped vehicle; or
- (b) if a vehicle included in rail vehicle category D is not available, he may permit the goods to be loaded on to a vehicle included in rail vehicle category C.

(3) Where the supervisor of the loading of goods consisting of a Government explosive is authorized by Subsection (1) or (2) to permit the goods to be loaded on to a vehicle included in rail vehicle category C and a vehicle included in that rail vehicle category is not available, he may permit the goods to be loaded on to a vehicle included in rail vehicle category B.

(4) The supervisor of the loading of goods consisting of Government explosives must not permit the goods to be loaded on to a vehicle that is fitted with—

- (a) plain-bearing axle boxes that are lubricated by means of grease; or
- (b) a door at either end, or in the floor, of the vehicle.

47. SECURING OF LOAD.

Immediately after goods, consisting of Government explosives have been loaded on to a vehicle, the supervisor of the loading of the goods must ensure that—

- (a) in the case of a vehicle included in rail vehicle category B or C—the vehicle is securely locked or sealed; and
- (b) in the case of a vehicle included in rail vehicle category D—the goods are properly secured on the vehicle and protected against damage or theft.

48. GROUP LABELS.

(1) Subject to Subsection (2), the supervisor of the loading of goods consisting of a boxed Government explosive must not permit the goods to be loaded on to a vehicle unless the number of the Group in which the explosive is included appears on the outside of the containers holding the goods.

(2) Where the name of a Government explosive, preceded by the symbol “†”, is set out in the first column of Schedule 1, Subsection (1) does not apply to or in relation to goods consisting of that explosive.

49. CLEANLINESS OF VEHICLES.

The supervisor of the loading of goods consisting of a Government explosive must not permit the goods to be loaded on to a vehicle unless the vehicle is clean.

50. RAIL LOADING CATEGORIES.

For the purposes of this Division, Government explosives are divided into rail loading categories and a Government explosive the name of which is set out in the first column of Schedule 1 shall be deemed to be included in the rail loading category set out in the fifth column of that Schedule opposite to that name.

51. SEGREGATION OF EXPLOSIVES IN DIFFERENT RAIL LOADING CATEGORIES.

(1) Subject to Subsection (2), the supervisor of the loading of goods, consisting of Government explosives included in one rail loading category must not permit the goods to be loaded on to a vehicle with goods consisting of Government explosives included in another rail loading category.

(2) The supervisor of the loading of goods, consisting of Government explosives included in rail loading category E, F, H or N may permit the goods to be loaded on to a vehicle with goods consisting of Government explosives included in another or others of those categories if the net explosives weight of all the goods so loaded does not exceed 907.18kg.

52. LOADING OF EXPLOSIVES IN RAIL LOADING CATEGORY E, K, L, N OR W.

The supervisor of the loading of goods consisting of Government explosives included in rail loading category E, K, L, N or W must not permit the goods to be loaded on to a vehicle unless the goods are packed in a container specially designed for the transportation of those goods or in a container of a kind known by any of the following names:–

- (a) Box, ammunition, C.190.
- (b) Box, ammunition, Cal. 50M2 for Cordite Samples only.
- (c) Case, magazine.
- (d) Case, powder.
- (e) Case, transport, detonators.
- (f) Case, transport, explosives.
- (g) Cylinder, transport, detonators.

(h) Magazine, portable (Aust.).

53. LOADING OF UNBOXED AMMUNITION OR OF EXPLOSIVES IN METALLIC CONTAINERS.

The supervisor of the loading of goods consisting of Government explosives, being unboxed ammunition or explosives packed in metallic or partly metallic outer containers, must not permit the goods to be loaded on to a vehicle together with goods consisting of explosives packed in non-metallic containers unless the last-mentioned goods are separated from the first-mentioned goods by dunnage or by goods that do not bear a fire, corrosive or explosion risk.

54. LOADING OF EXPLOSIVES WITH OTHER DANGEROUS GOODS.

The supervisor of the loading of goods consisting of Government explosives must not permit the goods to be loaded on to a vehicle with any other goods that bear a fire, corrosive or explosion risk.

Division 3.

Transportation.

55. CARRIAGE OF EXPLOSIVES ON GOODS TRAINS.

A railway authority must not permit a vehicle on which goods consisting of Government explosives are loaded to form part of a passenger train unless a goods train is not available.

56. MAXIMUM QUANTITY OF EXPLOSIVES.

(1) A railway authority—

(a) must not permit goods consisting of Government explosives the net explosives weight of which exceeds 9,071.84kg to be transported by the one vehicle; but

(b) subject to this Part may permit goods consisting of Government explosives the net explosives weight of which does not exceed 9,071.81kg to be transported by the one vehicle if the vehicle does not form part of a passenger train.

(2) A railway authority—

(a) must not permit goods consisting of Government explosives the gross weight of which exceeds 1,016t to be transported by the one train; but

(b) subject to this Part, may permit goods consisting of Government explosives the gross weight of which does not exceed 1,016t to be transported by the one goods train.

57. SEGREGATION OF VEHICLES.

(1) In this section, “buffer vehicle” means a vehicle on which no goods bearing a fire, corrosive or explosion risk are loaded.

(2) Where a vehicle on which goods consisting of Government explosives are loaded is comprised in a goods train, the railway authority shall separate the vehicle from any other vehicle on which goods consisting of explosives are loaded, from—

- (a) the locomotive; and
- (b) the brake-van,

by not less than two buffer vehicles.

Division 4.***Unloading.*****58. INSPECTION BEFORE AND DURING UNLOADING.**

A supervisor of the unloading from a vehicle of goods consisting of Government explosives must inspect the vehicle and the goods immediately on the arrival of the vehicle at the place where it is to be unloaded, and must examine the goods as they are unloaded from the vehicle for the purpose of detecting evidence of damage, spilling or pilfering.

59. UNLOADING OF GOODS.

The supervisor of the unloading of goods consisting of Government explosives shall ensure that the goods are unloaded and removed from the premises of the railway authority as soon as practicable after the vehicle on which the goods were transported arrives at the place where the goods are to be unloaded.

60. CLEANING AFTER UNLOADING COMPLETED.

After goods consisting of Government explosives have been unloaded from a vehicle, the supervisor of the unloading must cause the vehicle to be thoroughly cleaned.

Division 5.***Miscellaneous.*****61. SMOKING MATERIALS.**

A person shall not take any smoking materials (including means of ignition) within 18.288m of a vehicle on which goods consisting of Government explosives are loaded.

62. ENTRY OF SUPERVISOR.

A person must not hinder or obstruct the entry of—

(a) a supervisor of the handling of goods consisting of Government explosives; or

(b) a person under the supervision of such a supervisor,

to a place where goods consisting of Government explosives are, or are to be, loaded on to, or unloaded from, a vehicle.

63. UNAUTHORIZED PERSONS ATTENDING LOADING OR UNLOADING.

When goods consisting of Government explosives are being loaded on to, or unloaded from, a vehicle on premises of a railway authority, a person other than—

(a) the supervisor of the handling of the goods; or

(b) a person loading or unloading the goods; or

(c) a person authorized by the railway authority; or

(d) a person authorized by the Departmental Head,

must not be in, on or in the vicinity of, the vehicle without the consent of the supervisor of the handling of the goods.

PART IV. – ORDERS.**64. ORDERS BY MINISTER AND AUTHORIZED PERSONS.**

(1) The Minister, or a person authorized by the Minister to make orders under this section may, by written order—

- (a) make provision for or in relation to, or for or in relation to any matter arising out of, or incidental to, the handling of Government explosives; or
- (b) make provision for or in relation to safety measures to be observed at, in or on a place, vehicle, aircraft or vessel at, in, on or in the vicinity of which there are Government explosives; or
- (c) subject to Section 65(2), direct that a vessel in which Government explosives are, or are to be, loaded may, for a purpose or purposes specified in the order, be berthed in a port so specified.

(2) An authority by the Minister to a person to make orders under this section may be granted in relation to a particular matter, or class of matters or a particular place and has effect subject to such conditions and restrictions (if any) as are specified in the authority.

65. ORDERS DIRECTING BERTHING OF VESSELS.

(1) For the purposes of this section—

- (a) an explosive shall be deemed to be included in shipping category B if the letter B is set out in the fourth column of Schedule 1 opposite to the name of the explosive set out in the first column of that Schedule; and
- (b) an explosive shall be deemed to be included in shipping category C if the letter C is set out in the fourth column of Schedule 1 opposite to the name of the explosive set out in the first column of that Schedule.

(2) An order shall not be made directing that a vessel may be berthed in a port if the explosives loaded or to be loaded on the vessel consist of explosives included in shipping categories B and C and—

- (a) the gross weight of the explosives exceeds 5,080.2t; or
- (b) the gross weight of the explosives exceeds 1,016t and the net explosives weight of such of the explosives as are included in shipping category C exceeds 203.2t; or
- (c) the gross weight of the explosives is less than 1,016t and the gross weight of such of the explosives as are included in shipping category C exceeds 508t; or
- (d) the gross weight of such of the explosives as are included in Group 3 exceeds 2,032t; or

- (e) such of the explosives as are included in shipping category C are not stowed, or are not to be stowed, in a separate hold.

(3) An order shall not be made directing that a vessel may be berthed in a port if the explosives loaded or to be loaded on the vessel consist of explosives included in shipping Category C and the net explosives weight of the explosives exceeds 508t.

66. ORDERS INCONSISTENT WITH THIS REGULATION.

(1) Where a provision of this Regulation is inconsistent with an order made by the Minister, the order prevails and the provision of this Regulation is, to the extent of the inconsistency, of no effect.

(2) When a provision of an order made by a person authorized by the Minister to make orders under Section 64 is inconsistent with this Regulation, this Regulation prevails and the provision of the order is, to the extent of the inconsistency, of no effect.

67. APPLICATION OF ORDERS.

An order may be—

- (a) expressed to be of general application or to apply to persons included in a class of persons; or
- (b) addressed to a particular person, by name or by a description sufficient to identify him.

68. PUBLICATION OF ORDERS OF GENERAL APPLICATION.

An order expressed to be of general application or to apply to persons included in a class of persons—

- (a) shall be published in the National Gazette; and
- (b) takes effect on the date of publication or on such later date as is fixed by the order.

69. SERVICE OF ORDERS ADDRESSED TO PARTICULAR PERSONS.

(1) An order addressed to a particular person—

- (a) shall be served on him; and
- (b) subject to Section 70, takes effect on the date of service or on such later date as is fixed by the order.

(2) An order may be served on a person—

- (a) personally; or
- (b) by sending the order or a copy of the order by post to him at his last-known place of abode or employment; or

- (c) by posting up the order or a copy of the order in a prominent position at or near his place of employment; or
- (d) in the case of a corporation—
 - (i) by sending the order or a copy of the order by post to the registered office (if any) of the corporation; or
 - (ii) by serving the order or a copy of the order personally on the manager, secretary or other executive officer of the corporation.

(3) An order addressed to a particular person may be published in the National Gazette and shall be deemed to have been served on him on the date on which it is so published.

70. ORDERS UNDER SECTION 64(1)(C).

An order made under Section 64(1)(c)—

- (a) shall be addressed to a particular person; and
- (b) takes effect at the expiration of a period of 48 hours after the service of the order on him or at such later time as is fixed by the order.

PART V. – EXPLOSIVES TRANSPORT COMMITTEE.

71. INTERPRETATION OF PART V.

In this Part, “the Committee” means the Explosives Transport Committee established by Section 72.

72. ESTABLISHMENT OF THE COMMITTEE.

An Explosives Transport Committee is hereby established.

73. MEMBERSHIP OF THE COMMITTEE.

The membership of the Committee shall be as determined by the Minister, but the Committee shall not consist of less than six members.

74. CHAIRMAN, DEPUTY CHAIRMAN AND EXECUTIVE MEMBER.

(1) The Minister shall appoint from amongst the members of the Committee a Chairman of the Committee and a Deputy Chairman of the Committee.

(2) The office of Chairman or of Deputy Chairman of the Committee shall become vacant if the person holding the office ceases to be a member of the Committee.

(3) The Minister may appoint a member of the Committee to be the executive member of the Committee, and the member appointed has such powers and functions in relation to the Committee as are conferred on him by the Minister.

75. DEPUTIES OF MEMBERS.

(1) The Minister may appoint a person to be the deputy of a member, other than the Chairman or Deputy Chairman, of the Committee.

(2) A person appointed as the deputy of a member may, in the event of the absence of the member from a meeting of the Committee, attend the meeting and, when attending, shall be deemed to be a member of the Committee.

76. MEETINGS OF THE COMMITTEE.

(1) Meetings of the Committee shall be held at such times and places as the Committee determines or as the Chairman, or, in his absence, the Deputy Chairman, directs.

(2) At a meeting of the Committee—

(a) four members constitute a quorum; and

(b) the Chairman or in his absence the Deputy Chairman shall preside; and

(c) in the absence of both the Chairman and the Deputy Chairman the members present shall appoint one of their number to preside; and

- (d) all matters arising shall be determined by a majority of the votes of the members present; and
- (e) the member presiding has a deliberative and, in the event of an equality of votes on a matter also a casting vote.

77. FUNCTIONS OF THE COMMITTEE.

The functions of the Committee are to advise the Minister on, and on matters relating to—

- (a) the handling of Government explosives and, in particular, the transport of Government explosives; and
- (b) the facilities available for the handling of explosives at ports in the country; and
- (c) the adequacy of the facilities; and
- (d) the necessity for the provision of special facilities; and
- (e) the type and estimated cost of the special facilities; and
- (f) the proportion in which the cost of those special facilities should be shared between the State and any other person.

PART VI. – MISCELLANEOUS.

78. PACKAGING OF GOODS BEFORE TRANSPORTATION.

A person who packs or otherwise prepares goods consisting of Government explosives for transportation must ensure that the goods are suitably packed, and are otherwise in a safe condition, for the transportation, having regard to the method or methods by which it is to be effected.

79. INSPECTION BEFORE LOADING.

(1) Goods consisting of Government explosives must not be loaded on to a vehicle, vessel or aircraft unless the goods have first been inspected for evidence of damage or spilling.

(2) Where a requirement of Subsection (1) is not complied with in relation to the loading of goods on to a vehicle, vessel or aircraft, the supervisor of the loading and the person in charge of the vehicle, vessel or aircraft are each guilty of a contravention of this section.

80. HANDLING OF GROUP 13 EXPLOSIVES.

(1) A supervisor appointed to supervise the handling of Government explosives included in Group 13 must not handle the explosives, or permit the explosives to be handled, unless there is present during the handling an escort party that—

- (a) consists of at least two persons; and
- (b) is equipped in accordance with Subsection (2); and
- (c) if the explosives are being transported by road—is provided with a vehicle on which explosives are not loaded.

(2) An escort party shall be equipped with—

- (a) protective clothing, including gloves and respirators, sufficient for each member of the escort party and to equip a fire-fighting party; and
- (b) an ample supply of suitable neutralizer; and
- (c) picks, shovels and fire extinguishers.

(3) A supervisor appointed to supervise the transportation by road of Government explosives included in Group 13 must not permit a person who is not equipped with a respirator to travel on a vehicle carrying the explosives.

(4) A supervisor appointed to supervise the transportation by rail of Government explosives included in Group 13 must satisfy himself that each member of the crew of the train on which the explosives are being transported is equipped with a respirator.

(5) A supervisor appointed to supervise the handling of Government explosives included in Group 13 must after the handling is complete, cause all vehicles, equipment, appliances and materials used in, or in connection with, the handling to

be inspected for signs of contamination and, if contaminated, to be decontaminated before being used again.

81. EXPLOSIVES IN DAMAGED CONTAINERS AND SPILLED EXPLOSIVES.

Where goods consisting of Government explosives—

- (a) are in a damaged container; or
- (b) have spilled from a container,

a person handling the goods must comply with any direction relating to the handling of explosives in damaged containers or spilled explosives given to him (whether in writing or otherwise, and whether before or after the damage or spilling is discovered) by the supervisor of the handling, or if the goods are being transported by road and there is no supervisor of the transportation by the supervisor of the loading of the goods.

82. CERTIFICATION THAT CONTAINERS ARE FREE FROM EXPLOSIVES.

(1) The Minister, or a person authorized by the Minister to make appointments under this section may, by writing under his hand, appoint persons to certify that containers that have contained Government explosives are free from explosives.

(2) A person appointed under Subsection (1) to certify that containers are free from explosives may, on satisfying himself that a container that has contained Government explosives is free from explosives, issue a certificate to that effect.

83. DELEGATION.

The Minister or the Departmental Head may, by writing under his hand, delegate to any person all or any of his powers and functions under this Regulation (except this power of delegation).

84. PENALTIES FOR CONTRAVENTIONS OF THIS REGULATION.

The penalty for an offence against Section 14 of the Act committed by virtue of a contravention of, or failure to comply with, a provision of this Regulation is a fine not exceeding K100.00 or imprisonment for a term not exceeding three months.

SCHEDULE 1 – EXPLOSIVES.

Reg., Secs. 1(1), 3(1), 12(2), 46(1), 48(2), 50 and 65(1).

Where the name of a Government explosive, preceded by the symbol “†”, is set out in the first column of this Schedule, Section 12(1) and Section 48(1) do not apply to or in relation to goods consisting of the explosive.

First Column	Second Column	Third Column	Fourth Column	Fifth Column	Sixth Column
Name of Explosive	Group	Average net explosive percentage	Shipping Category	Rail loading Category	Rail Vehicle Category
Adapters, booster	6	30	C	F	D
Adapters, exploder	6	20	C	F	D
Adapters, “K”	6	10	B	F	D
Amatex	4	75	C	E	C
Amatol	4	75	C	E	C
Ammonal	4	75	C	E	C
Ammonium picrate	4	60	C	E	C
†Ammunition for cannon with empty projectiles	6	1	B	F	D
†Ammunition for cannon with explosive projectiles	6	5	C	F	D
†Ammunition for cannon with explosive projectiles (high charge)	6	30	C	F	D
†Ammunition for cannon with gas projectiles	13	5	B	W	C
†Ammunition for cannon with illuminating projectiles	6	3	B	F	D
†Ammunition for cannon with incendiary projectiles	11	5	B	H	D
†Ammunition for cannon with incendiary projectiles (W.P.)	12	5	B	K	C

†Ammunition for cannon with inert loaded projectiles	6	1	B	F	D
†Ammunition for cannon with smoke projectiles	11	5	B	H	D
†Ammunition for cannon with smoke projectiles (W.P.)	12	5	B	K	C
†Ammunition for cannon with solid projectiles	6	1	B	F	D
†Ammunition for cannon without projectiles	6	65	B	F	D
†Ammunition for small arms with explosive bullets	6	10	C	F	D
†Ammunition for small arms with explosive projectiles	6	10	C	F	D
Ampoules, chemical	13	50	B	W	C
Ballistite	1	75	C	E	C
Ballistite in metallic containers	2	75	C	E	C
Bangalore torpedoes	8	30	C	F	D
Baratol	4	75	C	E	C
Battle noises	4	40	C	E	C
†Black powder	1	10	C	E	B
†Blasting caps	10	5	C	N	C
†Blasting caps with safety fuse	10	5	C	N	C
Blasting explosives	2	70	C	E	C
Bombs, aircraft, A.P.	5	10	C	F	D
Bombs, aircraft, H.E., H.C.	7	75	C	F	D
Bombs, aircraft, H.E., (low charge) (boxed)	6	20	C	F	D
Bombs, aircraft, H.E. (low charge) (loose)	5	20	C	F	D
Bombs, aircraft, H.E. (medium charge)	5	55	C	F	D
Bombs, aircraft, training	5	1	B	F	D
Bombs, A.R.P.	9	10	B	H	D

Bombs, chemical	13	75	B	W	C
Bombs, demolition	8	25	C	F	D
Bombs, incendiary	11	16	B	H	D
Bombs, incendiary, liquid	15	38	B	L	C
Bombs, incendiary, W.P.	12	10	B	K	C
Bombs, practice, flash	9	13	B	H	D
Bombs, T.I.	9	25	B	H	D
Bombs, smoke	11	4	B	H	D
†Boosters (explosive)	6	30	B	F	D
Bottles, chemical	13	15	B	W	C
Boxes, junction	6	2	B	F	D
Bursters, bomb	6	10	B	F	D
Bursters, gunpowder	1	70	C	E	B
Bursters, H.E.	1	70	C	E	B
Bursters, limpet	8	40	C	F	D
Bursters, mine	6	10	B	F	D
Candles, rocket, flare	9	30	B	H	D
Candles, smoke	11	6	B	H	D
Capsules, delay	6	2	B	F	D
Cartridges, B.L.	3	50	B	E	C
Cartridges, B.L., with tubes	6	65	B	F	D
Cartridges, ejection	6	20	B	F	D
Cartridges, electric, H.C.	6	30	B	F	D
Cartridges, electric, L.C.	6	5	B	F	D
Cartridges, engine-starter	6	30	B	F	D
Cartridges, flash	9	10	B	H	D
Cartridges, illuminating	9	30	B	H	D
Cartridges, impulse, torpedo, cordite	6	25	B	F	D
Cartridges, impulse, torpedo, gunpowder	6	25	C	F	D
Cartridges, lachrymator	13	5	B	W	C

Cartridges, lowering under-carriage	6	25	B	F	D
Cartridges, M.L., depth charge thrower	6	25	B	F	D
Cartridges, M.L., mortar, augmenting other than filled cordite W.M.	1	50	C	E	C
Cartridges, M.L., mortar, augmenting, other than filled cordite W.M., in metallic containers	2	50	C	E	C
Cartridges, percussion, H.C.	6	25	B	F	D
Cartridges, percussion, L.C.	6	10	B	F	D
Cartridges, Q.F., chemical	13	5	B	W	C
Cartridges, Q.F., H.E.	6	12	B	F	D
Cartridges, Q.F., H.E., (high charge)	6	30	C	F	D
Cartridges, Q.F., incendiary	11	6	B	H	D
Cartridges, Q.F., practice	6	12	B	F	D
Cartridges, Q.F., radar echo	6	15	B	F	D
Cartridges, Q.F., separate	6	25	B	F	D
Cartridges, Q.F., separate, gunpowder	6	10	C	F	D
Cartridges, Q.F., shot	6	10	B	F	D
Cartridges, Q.F., shrapnel	6	10	B	F	D
Cartridges, Q.F., smoke	11	6	B	H	D
Cartridges, Q.F., smoke, F.M. or C.S.A.M.	11	6	B	H	D
Cartridges, Q.F., smoke, W.P.	12	12	B	K	C
Cartridges, Q.F., star	6	12	B	F	D
Cartridges, S.A., H.E.	6	12	C	F	D
Cartridges, S.A., H.E./1	6	12	C	F	D
Cartridges, S.A., incendiary	6	11	B	F	D
Cartridges, S.A., W.P.	12	10	B	K	C
Cartridges, signal	9	30	B	H	D

Charges, cased	6	50	C	F	D
Charges, demolition	7	60	C	F	D
Charges, gunpowder	1	42	C	E	B
Charges, line	7	60	C	F	D
Charges, propellant, incremental, including cartridges, M.L., mortar augmenting, filled cordite W.M.	3	35	B	E	C
Charges, propelling	1	40	C	E	B
Clusters, flare	9	25	B	H	D
Clusters, incendiary	11	11	B	H	D
Clusters, incendiary, W.P.	12	10	B	K	C
†Combination fuses	6	3	B	F	D
†Combination primers	6	5	B	F	D
Composition, illuminating	1	75	C	E	B
Composition, initiating, R.D., dry, 1-oz. sample	10	1	B	N	D
Composition, initiating, R.D., wet	10	50	C	N	C
Composition, match	1	75	C	E	B
Composition, priming	1	75	C	E	B
Composition, rocket	1	75	C	E	B
Composition, rocket, life-saving	1	75	C	E	B
Composition, (Type A), P.N.	1	75	C	E	B
Composition, (Type A), S.R.	1	75	C	E	B
Composition, (Type B), P.N.	1	75	C	E	B
Composition, (Type B), S.R.	1	75	C	E	B
Composition, (Type C), P.N.	11	60	B	H	D
Composition, (Type C), S.R.	11	60	B	H	D
Composition, (Type D), P.N.	11	60	B	H	D
Composition, (Type D), S.R.	11	60	B	H	D
Composition, (Type E), P.N.	13	3	B	W	C
Composition, (Type F), P.N.	1	75	B	E	B

Composition, (Type F), S.R.	1	75	B	E	B
Composition, (Type G), P.N.	1	75	B	E	B
Composition, (Type G), S.R.	1	75	B	E	B
Composition, (Type H), P.N.	11	60	B	H	D
Composition, (Type H), S.R.	11	60	B	H	D
Composition, (Type J), P.N.	11	60	B	H	D
Composition, (Type J), S.R.	11	60	B	H	D
Composition, (Type K), P.N.	11	60	C	H	C
Composition, (Type K), S.R.	11	60	C	H	C
Composition, (Type L), P.N.	11	60	C	H	C
Composition, (Type L), S.R.	11	60	C	H	C
Containers, chemical	13	75	B	W	C
†Cordeau detonant fuse	8	5	C	E	C
Cordite	3	65	B	E	C
Cordite, small arms, granular	1	75	C	E	C
Cordite, small arms, granular, in metallic containers	2	75	C	E	C
Cordtex	8	17	C	E	C
Crackers, blank	9	3	B	H	D
†Delay electric igniters	6	5	B	F	D
Demolition explosives	4	70	C	E	C
Depth charges	7	75	C	F	D
Destructors, contact	8	30	C	F	D
Destructors, H.E.	8	15	C	F	D
Destructors, incendiary	11	16	B	H	D
†Detonating fuses	6	3	B	F	D
Detonator bursters	10	15	C	N	C
Detonators	10	3	C	N	C
Di-nitro-phenol	4	75	C	E	C
Di-nitro-resorcinol	4	60	C	E	C
Ejectors, contents	6	20	B	F	D
Ejectors, electric	6	20	B	F	D

Ejectors, flare	6	20	B	F	D
†Electric blasting caps	10	2	C	N	C
†Electric squibs	6	2	B	F	D
Exploders, C.E. (Tetryl)	1	65	C	E	C
Exploders, picric	4	75	C	E	C
Exploders, picric powder	1	75	C	E	C
Exploders, R.D.X./Wax	4	60	C	E	C
Exploders, T.N.T.	4	70	C	E	C
†Explosive bombs	7	60	C	F	D
†Explosive bombs (black powder)	7	60	C	F	D
†Explosive bombs (black powder) (fused)	7A	60	C	G	D
†Explosive bombs (fused)	7A	60	C	G	D
†Explosive bombs (gas)	13	75	B	W	C
†Explosive bombs (incendiary)	11	16	B	H	D
†Explosive bombs (incendiary, I.M., P.T., or N.P.)	15	40	B	L	C
†Explosive bombs (incendiary, W.P.)	12	10	B	K	C
†Explosive bombs (smaller charges) (boxed)	6	30	C	F	D
†Explosive bombs (smaller charges) (unboxed)	5	30	C	F	D
†Explosive bombs (smoke)	11	4	B	H	D
†Explosive bombs (smoke, W.P.)	12	10	B	K	C
†Explosive cable cutters	6	1	B	F	D
†Explosive mines	7	60	C	F	D
†Explosive projectiles	5	15	C	F	D
Explosive sweeps	8	15	C	F	D
†Explosive torpedoes	7	75	C	F	D

†Fireworks, common	9	30	B	H	D
†Fireworks, special	9	30	B	H	D
Flares, ground	9	50	B	H	D
Flares, identification	9	50	B	H	D
Flares, illuminator	9	50	B	H	D
Flares, incendiary	11	4	B	H	D
Flares, pyrotechnic, large	9	40	B	H	D
Flares, pyrotechnic, medium	9	20	B	H	D
Flares, pyrotechnic, small	9	10	B	H	D
Flares, reconnaissance	9	12	B	H	D
Flares, signal	9	50	B	H	D
Flashes, photographic (large)	5	50	C	F	D
Flashes, photographic (medium)	6	30	C	F	D
Floats, flare	9	50	B	H	D
Floats, lachrymatory	13	5	B	W	C
Floats, signal	6	20	B	F	D
Floats, smoke	11	5	B	H	D
Floats, smoke and flame	9	50	B	H	D
Fulminate of mercury, dry, 1 oz. sample	10	1	B	N	D
Fulminate of mercury, wet	10	50	C	N	C
Fuse, detonating	4	5	C	E	C
†Fuse igniters	6	10	B	F	D
Fuse, instantaneous	6	1	B	F	D
†Fuse lighters	6	10	B	F	D
Fuse, mine, A. Tk., No. 3	10	10	C	N	C
Fuse powders	1	70	C	E	B
Fuses	6	3	B	F	D
Fuses, with exploders	6	10	C	F	D
Gaines	6	6	B	F	D
†Gas projectiles	13	7	B	W	C

Generators, chemical	13	55	B	W	C
Generators, lachrymatory	13	50	B	W	C
Generators, smoke	11	60	B	H	D
Grenades, chemical	13	20	B	W	C
Grenades, H.E.	8	13	B	F	D
Grenades, H.E./H.C.	8	30	C	F	D
Grenades, H.E./M.C.	8	10	C	F	D
Grenades, incendiary	11	2	B	H	D
Grenades, lachrymatory	13	20	B	W	C
Grenades, signal	9	12	B	H	D
Grenades, smoke	11	20	B	H	D
Grenades, smoke, W.P.	12	25	B	K	C
Guncotton, dry	1	32	C	E	B
Guncotton, sets, demolition	4	50	C	E	C
Guncotton, wet	4	54	C	E	C
Guncotton, wet, loose	4	30	C	E	C
Gunpowder	1	70	C	E	B
†Hand grenades	8	10	B	F	D
Heads, rocket, flare	9	18	B	H	D
Heads, rocket, radar echo	6	2	B	F	D
Heads, rocket, target	9	16	B	H	D
Heads, T-cutters	6	15	B	F	D
†High explosives	7	60	C	F	D
Igniters, electric	6	1	B	F	D
Igniters, flame-thrower	9	10	B	H	D
Igniters, fuse	6	12	B	F	D
Igniters, gunpowder	1	70	C	E	B
Igniters, rocket	9	10	B	H	D
Igniters, shell	6	30	B	F	D
Igniters, smoke	9	30	B	H	D
Igniters, torpedo	11	12	B	H	D

†Illuminating projectiles	6	10	B	F	D
Indicators, A/S training	9	10	B	H	D
Indicators, mine, firing	9	15	B	H	D
Inflammable liquid or gel ammunition, (H.C.)	15	30	B	L	C
Inflammable liquid or gel ammunition, (L.C.)	15	10	B	L	C
Inflammable liquid or gel ammunition, (M.C.)	15	20	B	L	C
Initiators, thermal	6	2	B	F	D
†Instantaneous fuse	6	1	B	F	D
†Jet thrust units, Class A	6	40	B	F	D
†Jet thrust units, Class B	6	30	B	F	D
Kits, waterproofing	8	5	C	F	D
Lead azide, wet or dry, 1-oz. sample	10	1	B	N	D
Lights, service	9	60	B	H	D
†Low explosives	9	30	B	H	D
Markers, smoke	11	10	B	H	D
Mines, alarm	9	1	B	H	D
Mines, anti-personnel	8	25	C	F	D
Mines, cases, charge	7	60	C	F	D
Mines, chemical	13	70	B	W	C
Mines, contact	7	60	C	F	D
Mines, land	8	10	B	F	D
Mines, phosphide	12	5	B	K	D
Mines, underwater	7	63	C	F	D
Minol	4	75	C	E	C
Mortar ammunition, chemical	13	12	B	W	C
Mortar ammunition, H.E. (light)	8	8	B	F	D
Mortar ammunition, H.E. (medium)	8	12	C	F	D

Mortar ammunition, practice	8	2	B	F	D
Mortar ammunition, radar echo	8	4	B	F	D
Mortar ammunition, signal	9	33	B	H	D
Mortar ammunition, smoke	11	12	B	H	D
Mortar ammunition, smoke, F.M. or C.S.A.M.	11	12	B	H	D
Mortar ammunition, smoke, W.P.	12	10	B	K	C
Motors, rocket (boxed)	6	30	B	F	D
Motors, rocket, H.C. (boxed)	6	70	B	F	D
Motors, rocket, H.C. (loose)	8	70	B	F	D
Motors, rocket, L.C. (loose)	8	70	B	F	D
Motors, rocket, loose	8	30	B	F	D
Nitrated paper	3	10	B	E	C
Nitro-cellulose, cannon powder	3	70	B	E	C
Nitro-cellulose, small arms, granular powder	1	75	C	E	C
Nitro-cellulose, small arms, granular powder, in metallic containers	2	75	C	E	C
Nitro-glycerine, desensitized, with or without admixture of nitro-cellulose	2	13			
Nitroguanidine (Picrite)	4	75	C	E	C
Nobel's 808	2	75	C	E	C
Nobel's 809	2	75	C	E	C
Nobel's 896	4	75	C	E	C
Pentolite	4	75	C	E	C
†Percussion fuses	6	1	B	F	D
†Percussion primers	6	1	B	F	D
Petards	8	10	C	F	D
P.E.T.N., dry, 1 oz. sample	10	1	B	N	D
P.E.T.N./Wax	4	75	C	E	C
P.E.T.N./wet	4	50	C	E	C

Picric acid	4	75	C	E	C
Picric powder	1	75	C	E	C
Plastic explosive	4	75	C	E	C
Plastic propellant, type 1	3	75	B	B	C
Plastic propellant, type 2	2	75	C	E	C
Portfires	9	45	B	H	D
Potassium di-nitro-phenate	4	75	C	E	C
Primer detonators	6	10	B	F	D
Primers, C.E., (Tetryl)	1	30	C	E	C
Primers, electric	6	5	B	F	D
Primers, electric and percussion	6	5	B	F	D
Primers for cannon	6	20	B	F	D
Primers, metal H.E.	8	30	C	F	D
Primers, percussion	6	7	B	F	D
Projectiles, A.S., fused	7A	40	C	G	D
Projectiles, A.S., plugged	7	45	C	F	D
Projectiles, hedgehog, weighted	6	1	B	F	D
Projectiles, H.E., hedgehog	8	15	C	F	D
Projectiles, H.E., hedgerow	8	15	C	F	D
Projectiles, practice, hedgerow	6	2	B	F	D
Projector ammunition, H.E.	8	10	C	F	D
Projector ammunition, practice	8	1	B	F	D
Propellant compositions	2	75	C	E	C
Puffs, cordite	1	70	C	E	C
Puffs, cordite, in metallic containers	2	70	C	E	C
Puffs, gunpowder	1	50	C	E	B
Puffs, powder, with igniter	6	5	C	F	D
Puffs, smoke	11	1	B	H	D
Quickmatch	1	20	B	E	C
R.D.X., dry, 1 oz. sample	10	1	B	N	D
R.D.X./T.N.T.	4	75	C	E	C

R.D.X./Wax	4	75	C	E	C
R.D.X., wet	4	60	C	E	C
Relays, electric	6	1	B	F	D
†Rifle grenades (explosive)	8	10	B	F	D
†Rocket ammunition with empty projectiles	6	5	B	F	D
†Rocket ammunition with explosive projectiles	8	10	C	F	D
†Rocket ammunition with gas projectiles	13	10	B	W	C
†Rocket ammunition with illuminating projectiles	6	10	B	F	D
†Rocket ammunition with incendiary projectiles	11	10	B	H	D
†Rocket ammunition with incendiary projectiles (W.P.)	12	10	B	K	C
†Rocket ammunition with inert loaded projectiles	6	10	B	F	D
†Rocket ammunition with smoke projectiles	11	5	B	H	D
†Rocket ammunition with smoke projectiles (W.P.)	12	5	B	K	C
†Rocket ammunition with solid projectiles	6	10	B	F	D
†Rocket ammunition without projectiles	6	20	B	F	D
Rockets, H.E.	8	20	C	F	D
Rockets, H.E. (high charge)	8	50	C	F	D
Rockets, illuminating	9	25	B	H	D
Rockets, line	9	25	B	H	D
Rockets, practice	9	19	B	H	D
Rockets, signal	9	25	B	H	D
Rockets, training	8	5	B	F	D
Sets, fusing	6	10	B	F	D

Sets, initiating charges	8	1	B	F	D
Shell, chemical	13	7	B	W	C
Shell, flare (boxed)	6	18	B	F	D
Shell, flare (loose)	5	18	B	F	D
Shell, H.E., A/C rocket	8	24	C	F	D
Shell, H.E., armour piercing (loose)	5	3	B	F	D
Shell, H.E. (boxed)	6	7	B	F	D
Shell, H.E. (high charge)	6	30	C	F	D
Shell, H.E. (loose)	5	13	C	F	D
Shell, H.E., piercing (loose)	5	13	C	F	D
Shell, H.E., rocket	8	20	C	F	D
Shell, H.E., S.A.P. (loose)	5	8	C	F	D
Shell, incendiary	11	13	B	H	D
Shell, practice (boxed)	6	7	B	F	D
Shell, practice (loose)	5	9	B	F	D
Shell, radar echo (boxed)	6	2	B	F	D
Shell, radar echo (loose)	5	2	B	F	D
Shell, shrapnel (boxed)	6	1	B	F	D
Shell, shrapnel (loose)	5	2	B	F	D
Shell, smoke	11	7	B	H	D
Shell, smoke, exploding	11	6	B	H	D
Shell, smoke, F.M. or C.S.A.M.	11	7	B	H	D
Shell, smoke, W.P.	12	7	B	K	C
Shell, star (boxed)	6	5	B	F	D
Shell, star (loose)	5	10	B	F	D
Shot, tracer	5	1	B	F	D
Shot, with tracer (boxed)	6	1	B	F	D
Signals	9	25	B	H	D
Signals, drift, night	11	3	B	H	D
Simulators, gunflash	9	10	B	H	D
Simulators, R.F. or M.G.	10	10	C	N	C

Sleeves, fuse	10	35	C	N	C
†Smoke projectiles	11	15	B	H	D
†Smoke projectiles (W.P.)	12	15	B	K	C
†Smokeless powder for cannon	3	65	B	E	C
†Smokeless powder for small arms	1	75	C	E	C
†Smokeless powder for small arms, in metallic containers	2	75	C	E	C
Styphnic acid, dry, 1 oz. sample	10	1	B	N	D
Styphnic acid, wet	4	50	C	E	C
Switches	6	2	B	F	D
Switches, H.E.	8	15	C	F	D
Tetryl (C.E.)	1	75	C	E	B
Thunderflashes	9	7	B	H	D
†Time fuses	6	3	B	F	D
T.N.T.	4	75	C	E	C
Torpex	4	75	C	E	C
†Tracer fuses	6	3	B	F	D
Tracers	9	3	B	H	D
Tritonal	4	75	C	E	C
Tubes, electric	6	4	B	F	D
Tubes, friction	6	12	B	F	D
Tubes, percussion	6	4	B	F	D
Warheads	7	75	C	F	D

SCHEDULE 2 – REQUIREMENTS AS TO ROAD VEHICLES.

Reg., Secs. 6 and 10(2).

PART I – APPROVED TRAILERS.**Sch. 2.I.1. 1.–Form of trailer..**

The trailer must be a four-wheeled trailer fitted with a greased turn table, a triangular drawbar and two safety chains of adequate length and strength fixed permanently to the trailer.

Sch. 2.I.2.2.–Load limit..

The load limit of the trailer must not exceed 4,064kg gross weight.

Sch. 2.I.3.3.–Sign as to carriage of explosives..

When the trailer is carrying explosives, the front of the towing vehicle, the rear of the trailer or its load and each side of the trailer or its load must bear in a conspicuous position a signboard painted white and bearing the word “Explosives” in red letters not less than 152.40mm in height, and if the towing vehicle is also carrying explosives each side of the towing vehicle or its load must bear a similar signboard.

Sch. 2.I.4.4.–Coupling gear..

The towing vehicle to which the trailer is attached must be fitted with a drawbar, hook or pin coupling and two double “C” hooks or shackles to which the safety chains may be coupled.

Sch. 2.I.5.5.–Fire extinguishers..

The towing vehicle must be equipped with two efficient fire extinguishers, one of which is suitable for use on a fire in the motor and the other of which is suitable for use on an incipient fire in the load.

PART II – APPROVED VEHICLES.**Sch. 2.II.6. 6.–Fuel..**

The motor of the vehicle must not be driven by a fuel other than—

- (a) petrol; or
- (b) oil fuel of a type that does not give off an inflammable vapour at a temperature of less than 65.6°C.

Sch. 2.II.7.7.–Wiring..

All electrical wiring under or on the part of the body carrying the load must be enclosed in screwed metal conduit or heavy duty plastic tubing.

Sch. 2.II.8.8.–Form of semi-trailers..

If the vehicle is of the type known as a semi-trailer, the vehicle–

- (a) must not be fitted with an electric storage battery in a position directly below the part of the body that carries the load; and
- (b) must not be fitted with an exhaust pipe that extends beneath, or comes in contact with, the part of the body that carries the load; and
- (c) must not be fitted with a fuel tank in a position directly below the part of the body that carries the load unless the fuel tank is wholly mounted on the part of the vehicle known as the prime mover.

Sch. 2.II.9.9.–Form of other vehicles..

If the vehicle is not a vehicle of the type known as a semi-trailer–

- (a) neither the electric storage battery nor the fuel tank shall be in a position directly below the part of the body that carries the load; and
- (b) the exhaust pipe must not extend beneath, or come in contact with, the part of the body that carries the load.

Sch. 2.II.10.10.–Sign as to carriage of explosives..

When the vehicle is carrying explosives, the front of the vehicle or the prime mover, the rear of the vehicle or its load and each side of the vehicle or its load must bear in a conspicuous position a signboard painted white and bearing the word “Explosives” in red letters not less than 152.40mm in height.

Sch. 2.II.11.11.–Fire extinguishers..

The vehicle must be equipped with two efficient fire extinguishers, one of which is suitable for use on a fire in the motor and the other of which is suitable for use on an incipient fire in the load.

SCHEDULE 3 – REQUIREMENTS AS TO FREIGHT CONTAINERS.

Reg., Sec. 43.

The container—

- (a) must be constructed of light-weight metal; and
- (b) must have a carrying capacity exceeding 12.743m³ and shall be capable of carrying a load exceeding 6.096t; and
- (c) must not be collapsible; and
- (d) must be weatherproof; and
- (e) must be capable of being securely locked to protect the contents against theft; and
- (f) must be fitted with attachments to enable it to be lifted by mechanical means; and
- (g) must be fitted with attachments to enable it to be tied down during transportation.

Explosives Regulation