

CONTENTS

THE EXPLOSIVES ACT, 1884

| | | |
|------|---|----|
| 1. | Short title | 1 |
| 2. | Commencement | 1 |
| 3. | Repeal of portions of Act XII of 1875 | 1 |
| 4. | Definitions | 1 |
| 5. | Power to make rules as to licensing of the manufacture, possession, use, sale, transport, import and export of explosives | 3 |
| 5A. | Persons already in business in respect of certain explosives to carry on such business without licence for a certain period | 4 |
| 6. | Power of Central Government to prohibit the manufacture, possession or importation of specially dangerous explosives | 4 |
| 6A. | Prohibition of manufacture, possession, sale or transport of explosives by young persons and certain other persons | 5 |
| 6B. | Grant of licences | 6 |
| 6C. | Refusal of licences | 6 |
| 6D. | Licensing authority competent to impose conditions in addition to prescribed conditions | 7 |
| 6E. | Variation, suspension and revocation of licences | 7 |
| 6F. | Appeals | 8 |
| 7. | Power to make rules conferring power of inspection, search, seizure, detention and removal | 9 |
| 8. | Notice of accidents | 9 |
| 9. | Inquiry into accidents | 9 |
| 9A. | Inquiry into more serious accidents | 10 |
| 9B. | Punishment for certain offences | 11 |
| 9C. | Offences by companies | 11 |
| 10. | Forfeiture of explosives | 12 |
| 11. | Distress of aircraft or vessel | 12 |
| 12. | Abetment and attempts | 13 |
| 13. | Power to arrest without warrant persons committing dangerous offences | 14 |
| 14. | Saving and power to exempt | 14 |
| 15. | Saving of the Arms Act, 1959 | 14 |
| 16. | Savings as to liability under other law | 14 |
| 17. | Extension of definition of "explosive" to other explosive substances | 14 |
| 17A. | Power to delegate | 15 |
| 18. | Procedure for making publication and confirmation of rules | 15 |

THE EXPLOSIVE SUBSTANCES ACT, 1908

| | | |
|----|--|----|
| 1. | Short title, extent and application | 16 |
| 2. | Definitions | 16 |
| 3. | Punishment for causing explosion likely to endanger life or property | 16 |

| | | |
|--|--|----|
| 4. | Punishment for attempt to cause explosion, or for making or keeping explosive with intent to endanger life or property | 17 |
| 5. | Punishment for making or possessing explosives under suspicious circumstances | 18 |
| 6. | Punishment of abettors | 18 |
| 7. | Restriction on trial of offences | 19 |
| THE EXPLOSIVES RULES, 2008 | | |
| CHAPTER I | | |
| PRELIMINARY | | |
| 1. | Short title and commencement | 20 |
| 2. | Definitions | 20 |
| 3. | Scope of applicability of rules and exemptions | 25 |
| CHAPTER II | | |
| CLASSIFICATION, CATEGORISATION AND AUTHORISATION | | |
| 4. | Classification of explosives | 26 |
| 5. | Safety distance categories of explosives | 27 |
| 6. | Authorisation of explosives | 27 |
| CHAPTER III | | |
| GENERAL PROVISIONS | | |
| 7. | Control over manufacture, import, export, transport, possession for sale or use of explosives | 31 |
| 8. | Pre-requisite for grant of licence | 31 |
| 9. | No licence needed in certain cases | 31 |
| 10. | General restrictions | 32 |
| 11. | Employment of competent person | 34 |
| 12. | Protection from lightning and thunderstorm | 35 |
| 13. | Repair and maintenance of the premises | 35 |
| 14. | Packing of explosives | 36 |
| 15. | Marking on explosives and packages | 36 |
| 16. | Weight of explosives | 39 |
| 17. | Split explosive to be destroyed | 39 |
| 18. | Precautions against danger from water, heat or pollution | 39 |
| 19. | Special precautions against accident | 39 |
| 20. | Provision of mounds | 39 |
| 21. | Restriction on unauthorized persons and provision of guards | 40 |
| 22. | Use of electrical equipment | 40 |
| 23. | Prohibition of certain acts | 40 |
| 24. | Maintenance of records and submission of returns | 41 |
| 25. | Records of accidents | 41 |
| CHAPTER IV | | |
| SPECIAL PROVISIONS FOR MANUFACTURING PROCESS | | |
| 26. | Approval of manufacturing process | 42 |
| 27. | Submission of safety management plan to District Magistrate | 43 |
| 28. | Buildings to be used for specified purpose only | 43 |

| | |
|---|----|
| 29. Interior of buildings to be suitably furnished | 44 |
| 30. Restriction of articles liable to spontaneous ignition | 44 |
| 31. Use of special tools and implements | 44 |
| 32. Particulars to be exhibited on process building | 44 |
| 33. Removal of foreign matter from ingredients | 44 |
| 34. Removal of explosives and materials expeditiously | 45 |
| 35. Training to personnel | 45 |
| 36. Use of vehicles | 45 |
| 37. Maintenance and repairs of building, plant and equipment | 45 |
| 38. Facilities for testing | 45 |
| 39. Requirement of samples for testing | 46 |
| 40. Stoppage of manufacture of explosives | 46 |
| 41. Exclusion from list of authorized explosives | 46 |
| 42. Disposal of waste explosives | 46 |
| CHAPTER V | |
| SPECIAL PROVISIONS FOR IMPORT OR EXPORT OF EXPLOSIVES | |
| <i>GENERAL</i> | |
| 43. Import or export by land | 46 |
| 44. Compliance of port rules | 47 |
| 45. Import of explosives | 47 |
| 46. Export of explosives | 49 |
| CHAPTER VI | |
| SPECIAL PROVISIONS FOR TRANSPORTATION OF EXPLOSIVES | |
| <i>GENERAL</i> | |
| 47. Procedure to be followed during transportation | 50 |
| 48. Certificate of safety | 50 |
| 49. Transport in passenger carriages and vessels | 50 |
| 50. Documents to be available during transport | 51 |
| 51. Maximum consignments allowed | 51 |
| 52. Despatch of explosives to carriers for transport | 51 |
| 53. Place and time of loading and unloading | 52 |
| 54. Carriage or vessel or aircraft to be in readiness for loading | 52 |
| 55. Delay in transit to be avoided | 52 |
| 56. Repairs to conveyance | 52 |
| 57. Small quantities of fireworks exempted | 52 |
| 58. Safety distance between carriages and boats | 53 |
| 59. Transport by water | 53 |
| 60. Transport by Rail | 53 |
| 61. Licence for road van or compressor mounted motor truck or tractor or a freight container mounted on fixed chassis motor truck or goose neck type semi trailer vehicle | 53 |
| 62. Prohibition of transport within streets, public places and other specified areas | 54 |

| | |
|---|----|
| 63. Restriction on transport of explosives except fireworks and safety fuse by vehicles other than road vans or compressor mounted motor truck or tractor | 54 |
| 64. Loading of explosives | 54 |
| 65. Restriction on use of towed vehicles | 54 |
| 66. Carriage of explosives with other substance prohibited | 54 |
| 67. Loading, unloading, maintenance and operation of road vans | 55 |
| 68. Lighting of stationary vehicles | 56 |
| 69. Accident to the vehicle | 56 |
| 70. Fire extinguishers to be provided | 56 |
| CHAPTER VII | |
| SPECIAL PROVISIONS FOR POSSESSION, SALE AND USE OF EXPLOSIVES | |
| 71. Possession in licensed premises | 56 |
| 72. Repacking or opening of packages | 57 |
| 73. Explosives not to be kept in damaged boxes | 57 |
| 74. Storage of explosives in excess of the licensed quantity | 57 |
| 75. Permit for temporary possession of manufactured fireworks in excess of the licensed quantity | 58 |
| 76. Quantity of explosives to be purchased in a given period of time | 58 |
| 77. Accountability and transaction of explosives | 58 |
| 78. Magazine, storehouse, or shop to be at ground level | 59 |
| 79. Stacking of packages | 59 |
| 80. Storage of compatible explosives | 59 |
| 81. Specification for construction of a magazine | 59 |
| 82. Storehouse for fireworks or safety fuse | 59 |
| 83. Explosives permitted for possession and sale from shop | 59 |
| 84. Temporary shops for possession and sale of fireworks during festivals | 60 |
| 85. Special precautions to be observed for fireworks | 60 |
| 86. Safety distances to be maintained | 61 |
| 87. Sale of other article prohibited | 62 |
| 88. Fireworks to be sold from licensed premises only | 62 |
| 89. Restriction on preparation of charges | 62 |
| 90. Restriction on conveyance of explosives to or at the blasting site | 62 |
| 91. Explosives to be examined before use | 63 |
| 92. Precautions to be observed at site | 63 |
| 93. Suitable warning procedure to be maintained | 63 |
| 94. Precautions to be observed while firing | 64 |
| 95. Precautions against stray currents | 64 |
| 96. Person in charge to be responsible | 64 |
| 97. Blasting operations in mines | 64 |
| 98. Blasting operation by shot firer in areas other than mines | 64 |

| CHAPTER VIII | |
|---|----|
| GRANT OR REFUSAL OF APPROVAL, NO OBJECTION CERTIFICATE, LICENCE, CERTIFICATES, AMENDMENT, TRANSFER AND RENEWAL | |
| 99. Licences and licensing authorities | 64 |
| 100. Payment of fees | 64 |
| 101. Prior approval before construction | 65 |
| 102. No Objection Certificate before construction | 65 |
| 103. Procedure to be observed for issue of No Objection Certificate and for grant of licence | 66 |
| 104. Commencement of construction of premises | 67 |
| 105. Application for grant of licence | 67 |
| 106. Period of validity of licence | 67 |
| 107. Grant of a licence and certificate | 67 |
| 108. Transfer of licence | 69 |
| 109. Amendment of licence in respect of alteration or change in the premises or licenses capacity, but not involving change of name of licensee or partners or directors or members | 70 |
| 110. Amendment of licence due to change of name of the licensee (firm or company or association or society) | 70 |
| 111. Procedure for change of partners or directors or members or occupier | 70 |
| 112. Renewal of licence | 71 |
| 113. Documents for approval and grant of licence | 72 |
| 114. Refusal to grant approval or licence | 86 |
| 115. Cancellation of No Objection Certificate | 86 |
| 116. Refusal to amend or renew a licence | 87 |
| 117. Restriction on quantity or period | 87 |
| 118. Suspension and revocation or cancellation of licence | 87 |
| 119. Procedure on expiry, suspension or revocation or cancellation of licence | 88 |
| 120. Refusal or withdrawal of shot firer's certificate | 88 |
| 121. Provision for appeal | 89 |
| 122. Procedure to be followed by the appellate authority | 89 |
| 123. Procedure on death or disability of licensee | 89 |
| 124. Loss of licence | 89 |
| CHAPTER IX | |
| POWERS VESTED WITH AUTHORITIES | |
| 125. Power of officers to demand licence or pass | 90 |
| 126. Executive control over authorities | 90 |
| 127. Power of officers to prevent dangerous practices | 90 |
| 128. Powers of search and seizure | 90 |
| 129. Power to destroy explosives and ingredients thereof | 91 |
| 130. Procedure on reports of infringement | 92 |
| CHAPTER X | |
| ACCIDENTS, ENQUIRIES AND REPORTS | |
| 131. Notice of accident | 92 |

| | | |
|---|----------|-----|
| (x) | CONTENTS | |
| 132. Procedure at courts of inquiry | | 92 |
| 133. Inquiry into accident | | 93 |
| 134. Inquiry into more serious accidents | | 93 |
| CHAPTER XI | | |
| ADMINISTRATIVE AND PENAL ACTIONS | | |
| 135. Protection of action taken in good faith | | 93 |
| 136. Administrative action after inspection for violation | | 94 |
| 137. Communication of administrative action on grant of licence | | 94 |
| 138. Communication of administrative action on suspension or cancellation of licence | | 94 |
| 139. Repeal and Savings | | 94 |
| SCHEDULE I | | |
| <i>PART 1</i> —CLASSIFICATION OF EXPLOSIVES | | 94 |
| <i>PART 2</i> —UN CLASSIFICATION OF EXPLOSIVES | | 97 |
| <i>PART 3</i> | | 98 |
| SCHEDULE II | | |
| <i>PART 1</i> —METHODS OF PACKING OF EXPLOSIVES FOR INLAND TRANSPORT | | 99 |
| <i>PART 2</i> —METHODS OF PACKING OF EXPLOSIVES FOR IMPORT AND EXPORT | | 106 |
| SCHEDULE III—METHODS OF TESTING | | |
| SCHEDULE IV | | |
| <i>PART 1</i> —LICENCES AND LICENSING AUTHORITIES | | 119 |
| <i>PART 2</i> | | 122 |
| SCHEDULE V | | |
| <i>PART 1</i> —APPLICATION FORMS | | 135 |
| <i>FORM AE-1</i> —APPLICATION FOR APPROVAL OR GRANT OR AMENDMENT OR TRANSFER OF LICENCE FOR MANUFACTURE OF EXPLOSIVES | | 135 |
| <i>FORM AE-2</i> —APPLICATION FOR APPROVAL OR GRANT OR AMENDMENT OR TRANSFER OF LICENCE TO POSSESS GUNPOWDER NOT EXCEEDING 15 KILOGRAMMES AT ANY ONETIME FOR MANUFACTURE OF ADIRVERTTUS NOT EXCEEDING 200 NUMBERS AT ANY ONE | | 137 |
| <i>FORM AE-3</i> —APPLICATION FOR APPROVAL OR GRANT OR AMENDMENT OR TRANSFER OF LICENCE FOR POSSESSION AND SALE OR POSSESSION AND USE OF EXPLOSIVES IN A MAGAZINE OR FOR POSSESSION OF FIREWORKS IN A STORE HOUSE | | 138 |
| <i>FORM AE-4</i> —APPLICATION FOR APPROVAL OR GRANT OR AMENDMENT OR TRANSFER OF LICENCE FOR A COMPRESSOR MOUNTED MOTOR TRUCK OR TRACTOR FOR USE IN WELL SINKING | | 140 |
| <i>FORM AE-5</i> —APPLICATION FOR APPROVAL OR GRANT OF AMENDMENT OR TRANSFER OF LICENCE IN FORM LE-5 AS PER ARTICLE 5(a) to 5(f) OF PART 1 OF SCHEDULE IV | | 142 |
| <i>FORM AE-6</i> —APPLICATION FOR APPROVAL OR GRANT OF LICENCE FOR PUBLIC DISPLAY OF FIREWORKS | | 143 |
| <i>FORM AE-7</i> —APPLICATION FOR APPROVAL OR GRANT OR AMENDMENT OR TRANSFER OF LICENCE FOR TRANSPORT OF EXPLOSIVES IN A ROAD VAN OR FREIGHT CONTAINER MOUNTED ON A FIXED CHASSIS MOTOR TRUCK OR GOOSE NECK TYPE SEMI TRAILER VEHICLE | | 145 |

CONTENTS

(xi)

| | |
|---|-----|
| <i>FORM AE-8</i> —APPLICATION FOR GRANT OF LICENCE FOR IMPORT OR EXPORT OF EXPLOSIVES | 146 |
| <i>FORM AE-9</i> —APPLICATION FOR GRANT OR AMENDMENT OR TRANSFER OF LICENCE IN FORM LE-9 (Special) | 148 |
| <i>FORM AE-10</i> —APPLICATION FOR GRANT OR AMENDMENT OF SHOT FIRER'S CERTIFICATE TO CARRY OUT BLASTING OF EXPLOSIVES IN AREAS NOT COMING UNDER MINES ACT, 1952 | 149 |
| <i>FORM AE-11</i> —APPLICATION FOR GRANT OR AMENDMENT OF FOREMAN'S CERTIFICATE SUPERVISE MANUFACTURE OF FIREWORKS OR SAFETY FUSE | 151 |
| <i>FORM AE-11(A)</i> —APPLICATION FOR GRANT OF FIREWORKS DISPLAY OPERATOR OR FIREWORKS DISPLAY ASSISTANT CERTIFICATE | 152 |
| <i>FORM AE-12</i> —FORM OF APPLICATION FOR GRANT OF NO OBJECTION CERTIFICATE UNDER THE EXPLOSIVES RULES, 2008 | 153 |
| PART 2 —FORMAT OF NO OBJECTION CERTIFICATE | 155 |
| PART 3 —FORMS OF LICENCE OR CERTIFICATE | 156 |
| <i>LICENCE FORM LE-1</i> | 156 |
| <i>LICENCE FORM LE-2</i> —LICENCE TO POSSESS GUNPOWDER NOT EXCEEDING 15 KILOGRAMMES AT ANY ONE TIME FOR MANUFACTURE OF ADIRVETTUS AND POSSESSION OF ADIRVETTUS NOT EXCEEDING 200 IN NUMBER AT ANY ONE TIME | 158 |
| <i>LICENCE FORM LE-3</i> | 161 |
| <i>LICENCE FORM LE-4</i> —LICENCE TO POSSESS AND TRANSPORT EXPLOSIVES OF CLASS 2 OR CLASS 3 NOT EXCEEDING 25 KILOGRAMMES, ELECTRIC OR ORDINARY DETONATORS NOT EXCEEDING 200 NUMBERS, DETONATING FUSE NOT EXCEEDING 100 METRES AND SAFETY FUSE NOT EXCEEDING 200 METRES IN A COMPRESSOR MOUNTED MOTOR TRUCK OR TRACTOR FOR USE IN WELL SINKING | 162 |
| <i>LICENCE FORM LE-5</i> | 166 |
| <i>LICENCE FORM LE-6</i> —LICENCE TO POSSESS AND USE FIREWORKS FOR PUBLIC DISPLAY NOT EXCEEDING 2000 KILOGRAM'S AT A TIME | 168 |
| <i>LICENCE FORM LE-7</i> —LICENCE TO TRANSPORT EXPLOSIVES IN A ROAD VAN OR FREIGHT CONTAINER MOUNTED ON MOTOR TRUCK OR GOOSE NECK TYPE SEMI-TRAILER VEHICLE | 172 |
| <i>LICENCE FORM LE-8</i> —LICENCE TO IMPORT OR EXPORT EXPLOSIVES | 174 |
| <i>LICENCE FORM LE-9 (SPECIAL)</i> —LICENCE TO MANUFACTURE, POSSESS, SELL, USE ETC., OF EXPLOSIVES NOT PROVIDED IN ARTICLES 1 TO 8 OF PART 1 OF SCHEDULE IV | 176 |
| <i>FORM LE-10</i> —SHORT FIRER'S CERTIFICATE | 177 |
| <i>FORM LE-11</i> —FOREMAN'S CERTIFICATE | 179 |
| <i>FORM LE-11A</i> —FIREWORKS DISPLAY OPERATOR/FIREWORKS DISPLAY ASSISTANT CERTIFICATE | 180 |
| PART 4 —CONDITIONS OF VARIOUS LICENCES | 180 |
| PART 5 —FORMS OF ACCOUNTS AND RETURNS OF EXPLOSIVES | |
| <i>FORM RE-1</i> —APPLICATION FOR RENEWAL OR REVALIDATION OF LICENCE OR CERTIFICATE | 212 |
| <i>FORM RE-2</i> —ACCOUNTS OF EXPLOSIVES MANUFACTURED | 213 |
| <i>FORM RE-3</i> —ACCOUNTS OF RECEIPT OF EXPLOSIVES | 213 |
| <i>FORM RE-4</i> —ACCOUNTS OF SALE OF EXPLOSIVES | 214 |

| | |
|--|-----|
| <i>FORM RE-5</i> —ACCOUNTS OF EXPLOSIVES USED BY LICENSEE (OTHER THAN FIREWORKS) | 215 |
| <i>FORM RE-6</i> —RECORDS OF EXPLOSIVES TRANSPORTED BY ROAD VAN | 215 |
| <i>FORM RE-7</i> —RETURN OF EXPLOSIVES | 216 |
| <i>FORM RE-8</i> —DECLARATION TO BE SUBMITTED TO THE CHIEF CONTROLLER BY AN IMPORTER ON DESPATCH OF EXPLOSIVES FROM THE PLACE OR PORT OF LOADING | 218 |
| <i>FORM RE-9</i> —IMPORTER'S DESPATCH SCHEDULE | 219 |
| <i>FORM RE-10</i> —DECLARATION TO BE SUBMITTED TO THE CHIEF CONTROLLER BY THE EXPORTER ON DESPATCH OF EXPLOSIVES FROM THE PLACE OR PORT OF LOADING | 220 |
| <i>FORM RE-11</i> —FORM OF INDENT FOR EXPLOSIVES | 221 |
| <i>FORM RE-12</i> —PASS ISSUED BY THE CONSIGNOR FOR TRANSPORT OF A CONSIGNMENT OF EXPLOSIVES | 222 |
| <i>FORM RE-13</i> —PASS FOR USE OF EXPLOSIVES PASS ISSUED BY THE LICENSEE TO TRANSPORT EXPLOSIVES FOR USE | 222 |
| PART 6 —CERTIFICATES, DECLARATION AND DISTANCE FORMS | 224 |
| <i>FORM CE-1</i> —TEST CERTIFICATE FOR EXPLOSIVES | 224 |
| <i>FORM CE-2</i> | 225 |
| <i>FORM CE-3</i> —FORM OF INDEMNITY BOND | 225 |
| <i>FORM DE-1</i> | 226 |
| <i>FORM DE-2</i> | 227 |
| SCHEDULE VI | 228 |
| <i>PART 1</i> —SAFETY PROVISIONS FOR MANUFACTURE OF EXPLOSIVES | 228 |
| <i>PART 2</i> —SAFETY PROVISIONS FOR BULK MIXING DELIVERY (BMD) VEHICLES | 229 |
| <i>PART 3</i> —SAFETY PROVISIONS FOR TRANSPORT OF EXPLOSIVES BY WATER | 231 |
| <i>PART 4</i> —SAFETY PROVISIONS FOR TRANSPORT OF EXPLOSIVES BY RAIL | 234 |
| SCHEDULE VII —SPECIFICATIONS | 237 |
| SCHEDULE VIII —TABLES OF SAFETY DISTANCES | 256 |
| THE AMMONIUM NITRATE RULES, 2012 | |
| 1. Short title and commencement | 264 |
| CHAPTER 1 PRELIMINARY | |
| 2. Definitions | 264 |
| 3. Scope of applicability of Rules and exemptions | 266 |
| CHAPTER II GENERAL PROVISIONS | |
| 4. Control over manufacture, conversion, and bagging, import, export, transport, possession for sale or use of Ammonium Nitrate | 266 |
| 5. Pre-requisite for grant of licence | 267 |
| 6. General Restrictions | 267 |
| 7. Employment of competent person | 268 |
| 8. Packing of Ammonium Nitrate | 269 |
| 9. Marking on Ammonium Nitrate packages | 269 |
| 10. Recovery of spillage during handling | 269 |

| CONTENTS | (xiii) |
|---|--------|
| 11. Special precautions against accident | 269 |
| 12. Restriction on unauthorised persons, provision of guards and safety distance for storehouse | 270 |
| 13. Prohibition of certain acts | 272 |
| 14. Maintenance of records and submission of returns | 272 |
| CHAPTER III | |
| PROVISIONS FOR SAFETY AND SECURITY MANAGEMENT PLAN | |
| 15. Safety and Security Management Plan | 273 |
| CHAPTER IV | |
| PROVISIONS FOR IMPORT AND EXPORT OF AMMONIUM NITRATE | |
| <i>GENERAL</i> | |
| 16. Import or export by land | 274 |
| 17. Compliance of Port Rules | 274 |
| 18. Import of Ammonium Nitrate | 274 |
| 19. Export of Ammonium Nitrate | 275 |
| CHAPTER V | |
| PROVISION FOR TRANSPORT OF AMMONIUM NITRATE | |
| <i>GENERAL</i> | |
| 20. Procedure to be followed during transportation | 275 |
| 21. General requirements and documents to be available during transport | 276 |
| 22. Loading, unloading, maintenance and operation of vehicle engaged in transport of Ammonium Nitrate | 277 |
| 23. Procedure on accidents to vehicles | 278 |
| 24. | 278 |
| CHAPTER VI | |
| PROVISION FOR POSSESSION, SALE OR USE OF AMMONIUM NITRATE | |
| 25. Possession in licenced premises | 279 |
| 26. Quantity of Ammonium Nitrate to be purchased in a given period of time | 279 |
| 27. Accountability and transaction of Ammonium Nitrate | 279 |
| CHAPTER VII | |
| GRANT OR REFUSAL OF APPROVAL, LICENCE, AMENDMENT, AND RENEWAL | |
| 28. Authority issuing Licences | 280 |
| 29. Payment of Fees | 280 |
| 30. Prior approval before construction of facilities | 281 |
| 31. Application for grant of licence | 282 |
| 32. Period of validity of licence | 282 |
| 33. Documents to be submitted for seeking approval or licence | 282 |
| 34. Procedure to be observed for issue of no objection certificate and grant of licence by the District Authority | 283 |
| 35. Grant of a Licence | 284 |
| 36. Renewal of licence | 284 |

| | |
|--|------------|
| 37. Amendment of licence in respect of alteration or change in the premises or licenced capacity, but not involving change of name of licensee or partners or directors or members | 285 |
| 38. Procedure for change of partners or directors or members or occupier | 286 |
| 39. Refusal for approval, grant or amendment of licence | 286 |
| 40. Refusal to renew a licence | 286 |
| 41. Cancellation of No Objection Certificate | 287 |
| 42. Suspension and revocation or cancellation of licence | 287 |
| 43. Procedure on expiry, suspension or revocation or cancellation of licence | 288 |
| 44. Provision for appeal | 288 |
| 45. Procedure to be followed by the appellate authority | 288 |
| 46. Procedure on death or disability of licence holder | 288 |
| 47. | 289 |
| CHAPTER VIII | |
| POWERS VESTED WITH AUTHORITIES | |
| 48. Power of officers to demand licence or pass | 289 |
| 49. Executive control over authorities | 289 |
| 50. Powers of search and seizure | 289 |
| 51. Procedure on reports of infringement | 290 |
| CHAPTER IX | |
| ACCIDENTS, INQUIRIES AND REPORTS | |
| 52. Notice of any loss or theft | 290 |
| 53. Notice of accident | 290 |
| 54. Procedure at courts of inquiry | 291 |
| 55. Inquiry into accident | 291 |
| 56. Inquiry into more serious accidents | 292 |
| CHAPTER X | |
| ADMINISTRATIVE ACTION | |
| 57. Protection of action taken in good faith | 292 |
| 58. Administrative action after inspection for violation | 292 |
| SCHEDULE I—LICENCES AND LICENSING AUTHORITY | 292 |
| SCHEDULE II | |
| PART-1—APPLICATION FORMS | |
| <i>FORM A-1—APPLICATION FOR APPROVAL OR GRANT OR AMENDMENT OF LICENCE TO MANUFACTURE AND POSSESS FOR SALE OR CONVERT MELT TO SOLID AND VICE VERSA AND POSSESS FOR SALE OF AMMONIUM NITRATE</i> | 296 |
| <i>FORM A-2—APPLICATION FOR APPROVAL OR GRANT OR AMENDMENT OF LICENCE TO, BAG AND STORE AMMONIUM NITRATE</i> | 297 |
| <i>FORM A-3—APPLICATION FOR APPROVAL OR GRANT OR AMENDMENT OF LICENCE FOR POSSESSION AND SALE OR USE OF AMMONIUM NITRATE</i> | 299 |
| <i>FORM A-4—APPLICATION FOR GRANT OR AMENDMENT TO TRANSPORT AMMONIUM NITRATE</i> | 300 |
| <i>FORM A-5—APPLICATION FOR GRANT OF LICENCE TO IMPORT AMMONIUM NITRATE OR EXPORT AMMONIUM NITRATE</i> | 302 |

| | |
|---|-----|
| PART-2 : LICENCE FORMS | |
| <i>FORM P-1</i> | 304 |
| <i>FORM P-2</i> —LICENCE TO BAG AND STORE AMMONIUM NITRATE | 306 |
| <i>FORM P-3</i> | 309 |
| <i>FORM P-4</i> —LICENCE TO TRANSPORT AMMONIUM NITRATE | 312 |
| <i>FORM P-5</i> | 315 |
| PART-3 : RETURN FORMS | |
| <i>FORM R-1</i> —APPLICATION FOR RENEWAL OF LICENCE | 317 |
| <i>FORM R-2</i> —FORM OF ACCOUNT TO BE MAINTAINED BY A LICENCE HOLDER ACCOUNTS OF AMMONIUM NITRATE MANUFACTURED OR CONVERTED | 318 |
| <i>FORM R-3</i> —DECLARATION TO BE SUBMITTED TO THE CHIEF CONTROLLER BY AN IMPORTER ON DISPATCH OF AMMONIUM NITRATE FROM THE PLACE OR PORT OF LOADING | 319 |
| <i>FORM R-4</i> —IMPORTER'S DISPATCH SCHEDULE | 319 |
| <i>FORM R-5</i> —FORM OF ACCOUNT TO BE MAINTAINED BY A STEVEDORE ACCOUNT OF AMMONIUM NITRATE STEVEDORED, BAGGED, STORED AND DISPATCHED | 320 |
| <i>FORM R-6</i> —FORM OF RECORDS TO BE MAINTAINED BY A TRANSPORT LICENCE HOLDER RECORDS OF AMMONIUM NITRATE OR MELT TRANSPORTED BY VEHICLE | 321 |
| <i>FORM R-7</i> —FORM OF ACCOUNT TO BE MAINTAINED BY A LICENCE HOLDER ACCOUNTS OF SALE OF AMMONIUM NITRATE | 322 |
| <i>FORM R-8</i> —FORM OF ACCOUNT TO BE MAINTAINED BY A LICENCE HOLDER ACCOUNTS OF USE OF AMMONIUM NITRATE | 322 |
| <i>FORM R-9</i> —MONTHLY RETURNS OF AMMONIUM NITRATE | 323 |
| <i>FORM R-10</i> —FORM OF INDENT FOR AMMONIUM NITRATE | 324 |
| <i>FORM R-11(a)</i> —FORM OF INTIMATION TO BE GIVEN BY THE CONSIGNOR OR STEVEDORE TO THE DISTRICT SUPERINTENDENT OF POLICE BEFORE DISPATCH OF CONSIGNMENT OF AMMONIUM NITRATE | 325 |
| <i>FORM R-11(b)</i> —PASS ISSUED BY THE CONSIGNOR FOR STEVEDORE FOR TRANSPORT OF CONSIGNMENT OF AMMONIUM NITRATE | 325 |
| <i>FORM R-12</i> —DECLARATION TO BE FORWARDED TO THE CHIEF CONTROLLER OF EXPLOSIVES AS SOON AS ANY CONSIGNMENT OF AMMONIUM NITRATE IS DISPATCHED BY THE EXPORTER FROM THE SEA PORT OR DISPATCHED BY ROAD FOR EXPORT BY LAND | 326 |
| <i>FORM 12</i> —DECLARATION TO BE FORWARDED TO THE CHIEF CONTROLLER OF EXPLOSIVES AS SOON AS ANY CONSIGNMENT OF AMMONIUM NITRATE IS DISPATCHED BY THE EXPORTER FROM THE SEA PORT OR DISPATCHED BY ROAD FOR EXPORT BY LAND | 327 |
| <i>FORM R-13</i> —PASS ISSUED BY THE LICENSEE FOR USE OF AMMONIUM NITRATE | 328 |
| PART-4 : CERTIFICATES | |
| <i>FORM C-1</i> —DECLARATION TO BE MADE BY THE MASTER OF A SHIP CARRYING AMMONIUM NITRATE BEFORE ENTERING A PORT OR BY THE SHIP'S AGENT | 329 |
| <i>FORM C-2</i> —NO OBJECTION CERTIFICATE UNDER THE AMMONIUM NITRATE RULES, 2012 | 329 |

**THE STATIC AND MOBILE PRESSURE VESSELS
(UNFIRED) RULES, 2016**

**CHAPTER I
PRELIMINARY**

| | | |
|------|--|-----|
| 1. | Short title and commencement | 330 |
| 2. | Definition | 330 |
| 3. | General exemptions | 336 |
| 4. | Restriction on filling, manufacture and import of pressure vessels including fittings and vapouriser | 337 |
| 5. | Restriction on delivery and dispatch | 338 |
| 6. | Repair and modification to pressure vessels | 338 |
| 7. | Purging of pressure vessels used for flammable gases | 338 |
| 8. | Prohibition of employment of children and intoxicated persons | 338 |
| 9. | Supervision and Operation within the licensed premises | 338 |
| 10. | Special precautions against accidents | 338 |
| 11. | Procedure for payment of fees | 339 |
| 11A. | Procedure for submission of documents | 339 |
| 12. | Procedure for grant and revocation of recognition to competent person and inspector | 339 |

CHAPTER II

CONSTRUCTION AND FITMENTS OF PRESSURE VESSELS

| | | |
|-----|--|-----|
| 13. | Design code | 340 |
| 14. | Design pressure | 340 |
| 15. | Design of vessels for gases at low temperature | 341 |
| 16. | Filling capacity and filling pressure | 342 |
| 17. | Markings and Painting of pressure vessels | 342 |
| 18. | Fittings | 343 |
| 19. | Periodic testing of pressure vessels in service | 346 |
| 20. | Precautions to be observed in carrying out periodic test | 347 |

CHAPTER III

STORAGE

| | | |
|-----|---|-----|
| 21. | General | 348 |
| 22. | Location of pressure vessels | 349 |
| 23. | Foundations for pressure vessels | 354 |
| 24. | Cleanliness and restriction of unauthorised person | 355 |
| 25. | Earthing | 355 |
| 26. | Fire protection | 355 |
| 27. | Loading and unloading facilities | 356 |
| 28. | Transfer operations | 358 |
| 29. | Dispenser for auto LPG or auto LNG dispensing station | 359 |
| 30. | Special provisions for dispensing of Auto LPG or Auto LNG or LH ₂ or compressed hydrogen gas (CHG) into fuel tanks of motor vehicles and unloading of mobile pressure vessel in auto LPG or auto LNG or liquified hydrogen or compressed hydrogen dispensing station | 359 |

| | |
|---|-----|
| 31. Electrical apparatus and installations | 359 |
| 32A. Classification of hazardous area for flammable gases | 360 |
| 32B. Extent of hazardous area | 360 |
| 33. Certificate of safety | 361 |
| CHAPTER IV | |
| TRANSPORT | |
| 34. Application | 361 |
| 35. Vehicles for transport of compressed gas | 361 |
| 36. Design | 361 |
| 37. Protection of valves and accessories | 362 |
| 38. Equipment | 362 |
| 39. Vehicle design considerations | 362 |
| 40. Marking of vehicle | 364 |
| 41. Fire protection | 364 |
| 42. Operations | 364 |
| 43. Certificate of Safety | 365 |
| 44. Inspection and maintenance of vehicles | 365 |
| CHAPTER V | |
| LICENCES | |
| 45. Licence for storage of compressed gas | 365 |
| 46. Prior approval of specification and plans of vessels and premises proposed to be licensed | 365 |
| 47. [Omitted] | 367 |
| 48. Licence for transport of compressed gas | 368 |
| 49. Grant of licence | 368 |
| 50. Application for licence | 368 |
| 51. Period for which licences or permission may be granted or renewed | 369 |
| 52. Power of licensing authority to alter conditions | 369 |
| 53. Prior approval necessary for alteration in the licensed premises | 369 |
| 54. Amendment and Transfer of licence | 370 |
| 55. Renewal of licence | 371 |
| 56. Refusal of licence | 372 |
| 57. Suspension and cancellation of licence | 372 |
| 58. Procedure on expiration, suspension or cancellation of licence | 373 |
| 59. Appeals | 373 |
| 60. Procedure on death or disability of licensee | 373 |
| 61. Loss of licence | 374 |
| 62. Display of information in licensed premises and production of licence on demand | 374 |
| 63. Compliance of instruction of licensing authority | 374 |
| 64. Procedure on reports of infringement | 374 |
| 65. Executive control over authorities | 374 |

| | | |
|---|--|------------|
| CHAPTER VI | | |
| EXEMPTIONS | | |
| 66. | Powers to exempt | 374 |
| CHAPTER VII | | |
| ACCIDENTS AND INQUIRIES | | |
| 67. | Recording of incidents and notice of accident | 374 |
| 68. | Inquiry into accidents | 375 |
| 69. | Inquiry into more serious accidents | 375 |
| CHAPTER VIII | | |
| POWERS | | |
| 70. | Powers of inspection, search, seizure, detention and removal | 376 |
| 71. | Protection of action taken in good faith | 376 |
| 72. | Repeal and Savings | 377 |
| APPENDIX-I—APPLICATION SEEKING APPROVAL OF FABRICATION SHOP FOR PRESSURE VESSELS, VAPOURISERS OR FITTINGS | | 377 |
| APPENDIX-IIA—QUALIFICATION AND EXPERIENCE OF INSPECTOR OR COMPETENT PERSON | | 378 |
| APPENDIX-IIB—MINIMUM REQUIRED FACILITIES AT GAS TANKER DEGASSING STATION | | 380 |
| APPENDIX-III | | 382 |
| SCHEDULE-I | | 384 |
| SCHEDULE-II—DESIGN, CONSTRUCTION, TESTING AND MAINTENANCE OF DISPENSER, ITS PIPE CONNECTIONS AND INSTALLATION OF AUTO-LPG DISPENSING STATION | | 387 |
| SCHEDULE-III—UNDERGROUND AND MOUNDED VESSELS | | 392 |
| SCHEDULE-IV—LNG STORAGE, HANDLING, TRANSPORTATION, OPERATION, MAINTENANCE AND DISPENSING | | 396 |
| SCHEDULE V—LH₂ STORAGE, HANDLING, TRANSPORTATION, OPERATION, MAINTENANCE AND DISPENSING | | 412 |
| <i>FORM AS-1—APPLICATION FOR GRANT, AMENDMENT, TRANSFER OR RENEWAL OF A LICENCE IN FORM LS-1A OR LS-1B OR LS-1C OR LS-1D TO</i> | | 430 |
| <i>FORM AS-2—APPLICATION FOR THE GRANT, RENEWAL, TRANSFER OR AMENDMENT OF A LICENCE IN FORM LS-2 TO TRANSPORT COMPRESSED GAS IN A VEHICLE</i> | | 432 |
| <i>FORM AS-3—APPLICATION FOR THE GRANT OF PERMISSION TO IMPORT PRESSURE VESSEL</i> | | 433 |
| <i>FORM AS-4—APPLICATION FOR THE GRANT OF PERMISSION TO IMPORT AND/OR TRANSPORT COMPRESSED GAS IN ISO TANK CONTAINER</i> | | 434 |
| <i>FORM LS-1A—LICENCE TO STORE COMPRESSED GAS IN PRESSURE VESSEL OR VESSELS</i> | | 435 |
| <i>FORM LS-1B—LICENCE TO STORE AND DISPENSE AUTO LPG IN AUTO LPG DISPENSING STATION AS AUTOMOTIVE FUEL TO MOTOR VEHICLES</i> | | 438 |
| <i>FORM LS-1C—LICENCE TO STORE AND DISPENSE AUTO LNG IN AUTO LNG DISPENSING STATION AS AUTOMOTIVE FUEL TO MOTOR VEHICLES</i> | | 441 |

CONTENTS

(xix)

| | |
|---|-----|
| <i>FORM LS-1D</i> —LICENCE TO STORE AND DISPENSE LIQUEFIED HYDROGEN AS AN AUTOMOTIVE FUEL IN LIQUEFIED HYDROGEN DISPENSING STATION TO MOTOR VEHICLES AND/OR TO STORE LIQUEFIED HYDROGEN IN CONNECTION WITH COMPRESSED HYDROGEN GAS DISPENSING STATION | 443 |
| <i>FORM LS-2</i> —LICENCE TO TRANSPORT COMPRESSED GAS IN A PRESSURE VESSEL BY A VEHICLE | 446 |
| <i>FORM-LS-2A</i> —[Omitted] | 449 |
| <i>FORM-LS-2B</i> —PERMISSION FOR IMPORT AND/OR TRANSPORT OF ISO TANK CONTAINER FILLED OR INTENDED TO BE FILLED WITH COMPRESSED GAS | 451 |