

**Government of Pakistan**  
**Ministry of Energy**  
**Petroleum Division**  
\*\*\*

Islamabad, the January, 2026.

**NOTIFICATION**

**S.R.O. (I)/2026.-** The following draft of certain further amendments in the Explosives Rules, 2010, which the Federal Government proposes to make, in exercise of the powers conferred by sections 5 and 7 of the Explosives Act, 1884 (IV of 1884), is hereby published for information of all persons likely to be affected thereby and, as required by sub-section (1) of section 18 of the said Act, notice is hereby given that objections or suggestions thereon, if any, may, for consideration of the Federal Government, be sent within fifteen days of the publication of this Notification in the official Gazette. Objections or suggestions received, if any, before expiry of the aforesaid period, shall be taken into consideration by the Federal Government, namely: –

**DRAFT AMENDMENTS**

In the aforesaid Rules, -

- (a) in the preamble, after the digit “5” the word and digit “and 7” shall be inserted;
- (b) for the words “Chief Inspector”, wherever occurring, the words “Director General” shall be substituted;
- (c) for the words “Deputy Chief Inspector of Explosives”, wherever occurring, the words “Director of Explosives” shall be substituted;
- (d) for the words “Inspector of Explosives”, wherever occurring, the words “Deputy Director of Explosives” shall be substituted;
- (e) for the words “Assistant Inspector of Explosives”, wherever occurring, the words “Assistant Director of Explosives” shall be substituted;
- (f) for the words “Federal Government”, wherever occurring, the words “Secretary of the division concerned” shall be substituted;
- (g) in rule 2, -
  - (i) after clause (b), the following new clause shall be inserted, namely:-

“(ba) “blasting companies” means licenced entities engaged in the professional handling, transportation, storage, and use of explosives for controlled detonation in various applications such as mining, construction, demolition and infrastructure development. These companies are responsible for planning and executing blasting operations in compliance with safety, environmental and regulatory standards;”;

(ii) after clause (c), the following new clause shall be inserted, namely:-

“(ca) “bulk explosive” in mobile manufacturing unit (MMU) means emulsion only that is any blasting explosives delivered and loaded into blast holes without packaging usually by pump or auger, or pneumatic means, directly from a bulk delivery vehicle or MMU. The emulsion in MMU involves only Class 2 Division nil;”;

(iii) after clause (h), the following new clauses shall be inserted, namely:-

“(ha) “identification detection agent” means any one of the substances when introduced into an industrial explosives or formulated in such explosives as a part of the manufacturing process in such a manner as to achieve homogeneous distribution in the finished explosives;

(hb) “industrial explosive” means an explosive material in form of flexible or elastic sheet formulated with one or more high explosives which in its pure form has a vapor pressure less than  $10^4$  Pa at a temperature of 25 °C, is formulated with a binder material, and is as a mixture malleable or flexible at normal room temperature;”;

(iv) in clause (g), for the words and comma “District Coordination Officer, District Magistrate or Political Agent”, the words “Deputy Commissioner” shall be substituted;

(v) after clause (g), amended as aforesaid, the following new clause shall be inserted, namely:-

“(ga) “division concerned” means the division to which the business of the Act stands allocated”;

(vi) after clause (k), the following new clauses shall be inserted, namely: -

“(ka) “NEPSA” means National Explosives and Petroleum Safety Agency;

(kb) “precursor” means a chemical substance that is used as a starting material or intermediate in the synthesis or production of explosives;”;

(vii) after clause (u), the following new clause shall be inserted, namely: --

“(ua) “taggants” means traceable chemical or physical markers added to explosives during production to enable their identification and tracking;”;

- (viii) in clause (w), after the word “Provinces”, wherever occurring, the comma and words “, Gilgit Baltistan and Azad Jammu and Kashmir” shall be inserted;
- (h) in rule 4, in sub-rule (1), clause (i) shall be omitted;
- (i) in rule 5, -
- (a) in sub-rule (1), after the word “explosive”, the words “and detonators” shall be inserted;
- (b) in sub-rule (2), after the word “explosives”, the words “and detonators” shall be inserted; and
- (c) after sub-rule (2), the following new sub-rules shall be added, namely:-
- “(3) The NEPSA may, from time to time, by notification in the official Gazette, declare any substance which appears to it to be specially dangerous to life or property, by reason either of its explosive properties or of any process in the manufacture thereof being liable to explosion and the same shall be deemed to be an explosive within the meaning of these rules, and the provisions of these rules (subject to such exceptions, limitations, and restrictions as may be specified in the notification) shall accordingly extend to that substance in like manner as if it were included in the definition or the term “explosive” or “Unauthorized Explosive” in these rules.
- (4) The licensing authority shall maintain a complete record of every explosive manufactured within the country in accordance with Schedule VIII. All tests prescribed under Schedule VIII shall be conducted in the presence of the regional in-charge of the NEPSA, whose endorsement shall be duly obtained.”;
- (j) in rule 6, in sub-rule (1), for clause (a), the following shall be substituted, namely:-
- “(a) is the holder of a valid licence to possess the explosives or the authorized person of a holder of such a licence; or”;
- (k) in rule 7, after the word “imported”, the word and comma “,exported” shall be inserted;
- (l) in rule 8, in sub-rules (1), after the proviso the provisions 1, 2 and 3 shall be respectively re-numbered as sub-rules (2), (3) and (4) of that rule and thereafter the following new sub-rules shall be added, namely: -

“(5) In the case of detonators, laser-embossed marking shall be provided, while for detonating cord and safety fuse, internal marking in accordance with sub-rule (1) shall be applied. The marking on the detonating cord and safety fuse shall be at the interval of one foot. The

Director General shall have the authority to amend the marking requirements in line with technological advancements and resultant feasibility.

(6) The length of each coil (reel or spool) for detonating cord shall be two hundred and fifty meters and safety fuse shall be two hundred meters.

(7) No person shall manufacture (including products of MMU), ship, export, transport, receive, or possess any commercial explosive that does not contain a detection agent or an identification taggant.”;

- (m) in rule 11, in sub-rule (5), for the full stop , at the end, a colon shall be substituted and thereafter the following new proviso shall be inserted, namely: -

“Provided that fire proof artificial lights for handling, loading and unloading shall be installed.”;

- (n) in rule 18, after sub-rule (2), the following new sub-rule shall be added, namely:-

“(3) A report of accident or theft of explosives and its accessories, shall be communicated to Director General, within twenty-four hours of incident, as per Form EM-10D.”.

- (o) in rule 28, for sub-rule (2), the following shall be substituted, namely:-

“(2) No explosives shall be imported or exported by air except at the airports used for international flight operations in the country or any other airport authorized for this purpose from time to time by Secretary of the division concerned.”.

- (p) for rule 29, the following shall be substituted, namely: --

“29. **Import or export by land.** – No licence of explosives for import or export by land shall be granted without the no objection certificates from the Defence Production Division.”.

- (q) in rule 30, --

- (a) in sub-rule (1), for clause (iv), the following shall be substituted, namely:-

“(iv) the transport of any explosives exported under a licence in Form EL-09, from the licenced premises, to the airport or port specified in the licence; and

- (b) after sub-rule (5), the following new sub-rules shall be added, namely:-

“(6) An escort vehicle, staffed with three armed guards, shall accompany two explosives transport vans — one carrying main explosives

and the other carrying detonators. The escort vehicle shall, under no circumstances, transport any explosives or detonators, however, in case of three explosive vans the number of escort guards shall be four.

(7) The explosives manufacturer shall be responsible for transporting explosives from the factory premises to the licence holder's approved magazine. The manufacturer must obtain an EL-07 transport licence, which may only be issued by the supplier's district authority and strictly against the customer's valid explosives licence.”;

(r) in rule 34, for clause (ii), the following shall be substituted, namely:-

“(ii) ten thousand kilograms or carrying capacity of the vehicle as per National Highways and Motorways (Dimensions of Goods Transport Vehicles) Rules, 2017, whichever is less:

Provided that if any explosives intended for export outside Pakistan or from tariff area to export processing zones the quantity shall not exceed thirty thousand kilograms or maximum carrying capacity of the van, whichever is less; or”;

(s) in rule 36, in sub-rule (2), for the full stop, at the end, a colon shall be substituted and thereafter the following proviso shall be inserted, namely:-

“Provided that fire proof artificial lights for such handling, loading and unloading shall be installed.”;

(t) in rule 80, after sub-rule (2), the following new sub-rules shall be added, namely:-

“(3) All transactions related to the purchase and sale of explosives and detonators shall be conducted strictly through formal banking channels to ensure transparency, accountability and traceability. The licensee is responsible for maintaining proper documentation and proof of all financial transactions, which shall be made available for inspection by the competent authority as and when required.

(4) The licensee shall ensure the installation and continuous operation of CCTV cameras covering all critical areas around the explosives storage manufacturing facility and magazine premises. The surveillance system shall record and retain footage for a period of thirty days and shall be accessible for inspection when required.

(5) The licensee shall provide accurate geomapping and geotagging of the explosives storage manufacturing facility and magazine premises using approved geospatial tools. The geolocation data shall be submitted to the relevant authorities and kept up to date to ensure proper monitoring, traceability, and verification of the storage location.”;

- (u) in rule 84, the existing provision shall be re-numbered as sub-rule (1) of that rule and thereafter the following new sub-rule shall be added, namely: -
- “(2) The licensee shall ensure strict compliance by maintaining and regularly updating accurate records of all transactions, movements and inventories related to explosives in the track and trace system or dashboard. These records shall be entered promptly and kept current at all times to ensure complete traceability and regulatory oversight. Failure to do so shall be considered a serious violation of safety and compliance protocols.”;
- (v) in rule 85, clause (b) shall be omitted;
- (w) in rule 87, after sub-rule (5), the following new sub-rules shall be added, namely:-
- “(6) The licensing authority shall maintain a complete record of every explosive manufactured within the country in accordance with Schedule VIII. All tests prescribed under Schedule VIII shall be conducted in the presence of the regional in-charge of the NEPSA, whose endorsement shall be duly obtained.
- (7) The manufacturer shall provide and incorporate taggants, duly approved and validated by NEPSA, during the manufacturing process of explosives, under implementation model of NEPSA. These taggants, which serve as unique chemical or physical identifiers, shall assist in both pre-blast tracking and post-blast forensic analysis.”;
- (x) in rule 93, in sub-rule (2), for the figure “25”, the figure “18” shall be substituted;
- (y) after rule 94, the following new rule shall be inserted, namely: -
- “94A. **Mobile Manufacturing Unit (MMU).** – (1) The MMU licence shall be granted exclusively to-
- (a) manufacturers who are already engaged in the production of the specified MMU products under a valid EL-01 licence;
- (b) the mega mining projects and projects of national importance; and
- (c) for a specific project site justifying the need for use of MMU for onsite manufacturing.
- (2) Each project shall have a separate licence for MMU and shall only be valid for that particular site. For new site a new licence shall be obtained.
- (3) Each product in MMU shall have its own fee as defined in Part II of Schedule IV.
- (4) The mobile unit shall be of an approved design manufactured and tested by NEPSA.
- (5) This licence shall only be granted to manufacture specific permitted classes of explosives (ANFO or bulk explosives i.e. emulsion as per definition).
- (6) To incorporate any advance technology in MMU, that involves manufacturing of any other explosives material, then it follows the procedure under rule 105.
- (7) Explosives shall only be manufactured-
- (a) at a specific site;

- (b) within a licenced area; and
    - (c) for immediate use only (storage of explosives is highly prohibited).
  - (8) No storage of manufactured explosives is permitted unless a separate storage licence is obtained.
  - (9) Only licenced raw materials in manufacturing process (ammonium nitrate, fuel oil) may be used.
  - (10) Mixing and loading shall be supervised by a competent person approved by licensing authority.
  - (11) The mobile unit must have-
    - (a) blast-proof partitions;
    - (b) emergency shut-off system;
    - (c) grounding systems to prevent static discharge; and
    - (d) GPS tracking.
  - (12) The licensee must maintain-
    - (a) mixing and usage logs;
    - (b) transport and return logs; and
    - (c) details of raw material consumption.”;
- (z) in rule 98, sub-rule (4) shall be omitted;
- (aa) in rule 99, after sub-rule (1), the following new sub-rules shall be added, namely:-
- “(2) Other than operations carried out under licence in Form EL-03, the use of explosives shall only be conducted through blasting companies holding a valid licence in Form EL-03(A).
- (3) The existing licence holder in Form EL-03 as well as new entrants shall also follow the structure of blasting company as per Schedules IX and XI.”;
- (bb) in rule 103,-
- (a) in the marginal heading, for the expression “small arms nitro-compound” and the words “and safety fuse” shall be omitted; and
  - (b) in clause (f), for the expression “small arms nitro-compound,” and the words “or safety fuse” shall be omitted.
- (cc) in rule 104, after sub-rule (3), the following new sub-rules shall be added, namely:-
- “(4) A committee, constituted by the Director General, shall examine the feasibility for the grant of a new licence for explosives operations in the proposed area. The committee shall assess all relevant parameters, including safety distances, population density, proximity to protected or sensitive locations, environmental considerations and conformity with statutory provisions. No licence shall be granted unless the committee submits a written recommendation confirming the suitability of the site. All members of committee shall endorse their comments, electronically or digitally, on real time basis.
- (5) The composition of committee shall be as follows, namely:-

- (a) Director General (Chairman);
- (b) Regional In-charge of concerned regions (Member);
- (c) Representative of concerned Deputy Commissioner (Member); and
- (d) Representative of Mines and Mineral Department (Member).”;

(dd) in rule 105, --

(a) in sub-rule (1),-

- (i) in clause (b), for the expression “and EL-03”, the expression “, EL-03 and EL-03(A)” shall be substituted; and
- (ii) in clause (d), for the word “twenty”, the words “two hundred, for the word “fifty”, the words “five hundred” and for the word “one”, the word “ten” shall respectively be substituted;

(b) in sub-rule (2), clause (ii) shall be omitted;

(c) after sub-rule (3), the following new sub-rule shall be inserted, namely:-

“(3A) In case of EL-07, the licence period shall not be less than one year or upto 31<sup>st</sup> day of March, whichever is earlier. The district authority shall decide the application for grant of licence within ten working days.”;

(d) for the sub-rule (12), the following shall be substituted, namely: --

“(12) The grant of a new licence in Form EL-06 shall be subject to the submission of a valid no objection certificate (NOC) issued by the Ministry of Interior and Narcotics Control:

Provided that the requirement of NOC shall not apply in cases where the applicant is already a holder of a valid permanent licence in Form EL-02 or Form EL-03.”;

(e) for the sub-rule (13), the following shall be substituted, namely: --

“(13) For the grant of a licence in Form EL-06, the vehicle shall be registered in the name of the applicant. Proof of ownership shall be submitted along with the application.”;

(f) after sub-rule (13), amended as aforesaid, the following new sub-rules shall be added, namely: -

“(14) For the grant of licences, the applicant shall ensure the provision of the following, namely:-

(a) the following documents shall be submitted for the grant of licence in Form “EL-01, EL-02, EL-03 and EL-03(A), namely:-

- (i) formal application with attested photocopy of CNIC briefly stating the purpose or nature of obtaining licences and justification;
- (ii) application in the prescribed Form EA-01 or EA-02 or EA-03 duly filled in and signed by the applicant;
- (iii) distance Form EM-06 duly filled in against all columns thereof as per Schedule V and signed by the applicant;
- (iv) original treasury receipt for the amount payable as per Part-II of Schedule IV showing the amount paid under the usual head of account in any branch of the National Bank of Pakistan or the State Bank of Pakistan or Government Treasury or by any authorized digital means;
- (v) in case of licences in Form EL-01 and EL-11 (MMU), an indemnity bond in form EM-08 in favor of the President of Pakistan according to the nature of the licence shall be submitted;
- (vi) six copies of drawings duly signed by the applicant and drawn to scale on durable paper showing full constructional details of the proposed magazine as laid down in Schedule VII, SPECIFICATION 2 (Specifications of Magazines) under these rules showing site location with full surroundings and important land marks to facilitate its location. The distances maintained around the proposed magazine shall be marked clearly;
- (vii) documents showing the extent of possession or ownership of land for maintaining required safety distances from the Explosives storage magazine;
- (viii) present consumption of explosives in the area and nature of work requiring use of explosives;
- (ix) expected market potential in next five years from now with full justification;
- (x) complete details of the present consumers of explosives in the area giving their names,

complete postal addresses, nearest police station, their appropriate daily consumption of explosives and their nature of work requiring explosives;

- (xi) details of other explosives magazines existing (if any) within a radius of fifty kms from the site of proposed magazine;
- (xii) any proof or certificate showing competence and experience of the applicant or his authorized worker or agent or employee or supervisor in the handling of explosives;
- (xiii) details of vehicle to be used for transport of explosives from source of supply to the storage magazine and the approximate distance in between;
- (xiv) undertaking on judicial stamp paper by the applicant to the effect that he shall observe strictly all the requirements of these rules and submit Fortnightly explosives manufacturing or sale or use or possession reports on the prescribed Forms EM-09A, EM-09B, EM-09C, EM-09D, EM-09E, EM-10A, EM-10B, EM-10C, EM-10D, EM-10E and EM-11;
- (xv) certificate to the effect that guard over the magazine shall be provided 24 hours by the licensee; and
- (xvi) in case of EL-03 and EL-03(A), the requirement as stated in schedule IX"; and

(b) in addition to the above documents, the following conditions shall also be fulfilled before grant of licence, namely:-

- (i) NOC alongwith the site or layout plan from the district authority concerned to the effect that he has no objection for the grant of licence to the applicant for manufacturing or sale or use of explosives. NOC if not submitted by the applicant shall be obtained by the department from the district authority after receipt of other complete particulars from the applicant;
- (ii) in case of licence for manufacturing of explosives (EL-01), NOCs, from Ministry of Defence Production, Ministry of Interior and Narcotics Control and registration certificate of Board of Investment (in case of foreign investment) shall be obtained;

- (iii) in case of licence for sale or use of explosives (Form EL-02, Form EL-03 and EL-03A), NOC from the Ministry of Interior and Narcotics Control shall be obtained;
- (iv) in case of blasting company, the blasting company shall obtain NOC from district authority to construct magazine at every new location, however, the clearance of the personnel of the company shall be conducted once to work anywhere in Pakistan. The grant of a licence in Form EL-03(A) to any blasting company shall be subject to the prior fulfillment of all prescribed pre-qualification standards;
- (v) the blasting company shall be free to work anywhere in Pakistan after fulfilling all legal and codal formalities;
- (vi) the blasting company shall buy explosives preferably from the EL-02 licence holder in the region; and
- (viii) CCTV cameras shall be installed at all manufacturing units and storage magazines, and the system shall be fully integrated with the explosives dashboard to enable effective monitoring. The feed of CCTV cameras shall only be visible to NEPSA and security agencies.

(15) The following documents shall be submitted for the grant of short period licence in Form EL-03 for the national importance project, namely: -

- (a) company profile;
- (b) copy of contract agreement;
- (c) recommendation letter from concerned government authority;
- (d) treasury challan of grant of licence according to explosives quantity;
- (e) treasury Challan Rs. 500,000/- being refundable security fee;
- (f) distance Form "EM-06" duly filled in and signed;
- (g) application Form "EA-03" duly filled in and signed;
- (h) certificate of security arrangements.
- (i) undertaking for submission of fortnightly reports; and

- (j) six copies of drawings duly signed by the applicant and drawn to scale on durable paper showing full constructional details of the proposed magazine as laid down in Schedule VII, SPECIFICATION 2 (Specifications of Magazines) under these rules showing site location with full surroundings and important land marks to facilitate its location. The distances maintained around the proposed magazine shall be marked clearly.

(16) The following documents shall be submitted for the grant of licence in Form EL-11 (MMU), namely: -

- (a) formal application;
- (b) treasury challan as specified in Part II of Schedule IV;
- (c) technical specifications and engineering drawings of the MMU;
- (d) approval of design from NEPSA;
- (e) test certificate issued by international 3<sup>rd</sup> party;
- (f) ownership documents in the name of licence holder in Form EL-01;
- (g) details of safety features (pressure gauges, grounding systems and emergency shutoffs);
- (h) site details with coordinates and safety zone maps;
- (i) valid mining lease or contract agreement;
- (j) details of certified Operators or drivers of MMUs;
- (k) copy of fuel oil storage licence under Petroleum Act, 1934 (XXX of 1934); and
- (l) compliance to Schedules X(a) and X(b).”;

(ee) in rule 106, --

- (a) in the marginal heading, after the expression “EL-03”, the expression “or EL-03(A)” shall be substituted;
- (b) in sub-rule (1), after the expression “EL-03”, the expression “or EL-03(A)” shall be substituted;
- (c) in sub-rule (15), for the expression “and EL-03”, the expression “, EL-03 and EL-03(A)” shall be substituted;
- (d) sub-rule (16) shall be omitted;
- (e) for sub-rule (17), the following shall be substituted, namely:-

“(17) Applicants for a licence to manufacture explosives under Form EL-01 shall deposit a refundable security of Rs. 1,000,000/-. Applicants seeking licences for the sale or use of explosives under Forms EL-02 and EL-03 shall deposit a refundable security of Rs. 500,000/-.

Applicants for a blasting company licence under Form EL-03(A) shall deposit a refundable security of Rs. 2,000,000/-. All such securities shall be deposited under the usual Head of Account as stipulated in clause (d) above.”; and

- (f) after sub-rule (17), substituted as aforesaid, the following new sub-rules shall be added, namely: --

“(18) Upon receipt of the NOC from the Ministry of Interior and Narcotics Control and where the licensing authority is the Director General of NEPSA, the approval of the construction plan for the explosives storage magazine or factory shall be granted. The period allowed for completion of the construction work shall be one year from the date of the approved plan, which may be extended for further terms subject to valid justification.

(19) After completion of the construction work, the applicant shall apply for the grant of licence to the licensing authority, submitting the application stating the completion of work along with the approved plan.”

(20) MMU licences shall only be granted to EL-01 licence holders who are Pakistani nationals.

(21) Foreign direct investment, may be invested in this sector through collaboration with Pakistani nationals. However, the licence shall be issued solely in the name of Pakistani nationals and the national partner must hold a minimum fifty one percent share in the joint venture.”;

- (ff) for rule 108, the following shall be substituted, namely: -

“108. **Procedure to be followed for grant of licence in Form EL-05 to possess and sell fireworks from shop.** – (1) Notwithstanding anything contained in sub-rules (3), (4), (5), (6) and (7) of rule 106, where the licensing authority is the Director of Explosives and where the quantity of fireworks proposed to possess for sale is up to two hundred Kgs, the applicant may apply to the district authority together with an application in Form EA-02, statement in Form EM-06 and the necessary plans for the grant of a NOC for the site proposed and the district authority shall, if it sees no objection after conducting enquiries as required under these rules, grant such certificate to the applicant with site plan attested by it and may forward it to the licensing authority together with the application.”;

- (gg) in rule 112, --

(a) in sub-rule (12),-

- (i) in clause (iv), the word “and”, occurring at the end, shall be omitted; and

(ii) after clause (iv), amended as aforesaid, the following new clause shall be inserted, namely:-

“(via) NOC from district authority for further renewal of term; and”;

(b) after sub-rule (13), the following new sub-rules shall be added, namely: -

“(14) Fresh licence, in lieu of the expired licence, shall be granted only on the payment of two times the fee ordinarily payable for the licence, plus fee, equal to the licence fee, for each year or part thereof for which the licence remained expired.”

(15) Existing licence holders in Form EL-04, shall be valid for a period of one year from the date of making of these rules. Further extension in time shall be decided by the Grievances Committee for resolution, with the following composition, namely:-

- (a) Secretary of the division concerned (Chairman);
- (b) Additional Secretary of the division concerned (Member);
- (c) Director General, NEPSA (Member);
- (d) Director, NEPSA (Member);
- (e) Representative of Inter-Services Intelligence (Member);
- (f) Representative of Military Intelligence (Member);
- (g) Representative of Intelligence Bureau (Member);
- and
- (h) Representative of Ministry of Law and Justice Division, not below BS-20 (Member).”;

(hh) after rule 112, amended as aforesaid, the following new rules shall be added namely: -

“112A. **Transfer of licence.** -(1) A licence granted under these rules may be transferred by the authority empowered to grant the licence subject to NOC from Ministry of Interior and Narcotics Control. The operation of licence shall remain suspended till transfer.

(2) An applicant who desires to get the licence transferred in his favour shall submit to the licensing authority the following documents, namely:-

- (a) an application in the form relevant for grant of the licence as provided in these rules;
- (b) specimen signature of the applicant;
- (c) a letter from the existing licensee signed by the authorized person requesting the transfer of licence in favour of the applicant;

- (d) original licence issued to the existing licensee;
- (e) copies of supporting documents regarding transfer of rights of the premises in favour of the applicant;
- (f) treasury challan equals to the licence fee;
- (g) copies of all approved drawings in the name of the applicant; and
- (h) status of the applicant whether individual, proprietary firm, partnership firm, company, association or otherwise- documentary evidence along with names, addresses of the proprietor or partners or directors or members, as the case may be, and photographs of the occupier.”;

**“112B. Procedure for change of partners or directors or members or occupier.-** Whenever any new partner or director is inducted in the partnership firm or company, as the case may be, without any change in the name of the licensee firm or company, the licensee shall submit application to the licensing authority for accepting the newly inducted partners or directors along with the following documents, namely:-

- (a) names and addresses of newly inducted partners or directors as the case may be;
  - (b) NOC from Ministry of Interior and Narcotics Control;
  - (c) treasury challan equals to licence fee; and
  - (d) any other document as may be called for by the licensing authority.”;
- (ii) in rule 114, in sub-rule (1), for the full stop at the end, a colon shall be substituted and thereafter the following proviso shall be inserted, namely:-
- “Provided that before suspending or cancelling a licence, the holder of the licence shall be given an opportunity of being heard.”;
- (jj) in rule 115, --
- (a) in sub-rule (2), the words and comma “or cancellation, as the case may be” shall be omitted; and
  - (b) in sub-rule (3), the word “or cancelled” shall be omitted;
- (kk) in rule 122, after the sub-rule (2), the following new sub-rule shall be added, namely: --
- “(3)The fees, as specified in Part II of Schedule IV, shall be liable to be revised from time to time by an order issued by the Secretary of the division concerned.”;
- (ll) after rule 126, the following new rules shall be added, namely: -

**“126A. Mandatory licensing requirement.-** (1) The armed forces and Strategic Plans Division (SPD) shall obtain a licence in Form EL-03B before procurement, possession, storage, transportation, transfer or use of explosives.

(2) No explosives shall be issued to, transported by, or consumed by any such entity unless a valid licence in Form EL-03B is presented and its details are verified on the Explosives Track and Trace System (ETTS).

(3) The licence shall be project-specific, unless the licensing authority, for recorded reasons, authorizes a consolidated multi-project licence.

**126B. Eligibility and pre-requisites for grant of licence.-** (1) An applicant seeking a licence in Form EL-03B shall submit the following documents, namely:-

- (a) proof of legal status, establishment order or incorporation of any entity;
- (b) written authorization issued by the competent authority of the organization;
- (c) details of the project, including nature, location, duration and scope of work requiring explosives;
- (d) details of the designated explosives manager responsible for administrative compliance;
- (e) approved storage or contracted magazine facilities licenced under these rules;
- (f) registration on ETTS; and
- (g) undertaking to comply with all administrative, reporting, audit and inspection requirements prescribed under the Act and these rules.

**126C. Integration with Explosives Track and Trace System (ETTS).-**

(1) Every licensee in Form EL-03B shall be mandatorily integrated with the ETTS.

(2) The licensee shall ensure -

- (a) digital entry of all receipts, transfers, transportation events and consumption data;
- (b) use of ETTS-generated movement permits for each transportation activity;
- (c) installation and operation of ETTS-compatible devices at project sites or storage points; and
- (d) maintenance of real-time connectivity for monitoring and verification.

(3) Failure to maintain accurate real-time reporting in the ETTS shall constitute a violation of the licence.

**126D. Obligations of licence holder.-** (1) A holder of a licence in Form EL-03B shall-

- (a) maintain administrative records, including digital inventory logs, personnel authorizations and project-wise usage summaries;
- (b) report all transactions of explosives exclusively through the ETTS;
- (c) retain administrative and digital records for a minimum period of five years;
- (d) provide access to project sites, magazines, vehicles and digital records whenever required by the licensing authority;
- (e) submit quarterly compliance statements to the Director General NEPSA; and
- (f) immediately report any irregularity, discrepancy, loss or suspected diversion through the prescribed reporting channel.

**126E. Validity and renewal of licence.-** (1) A licence issued in Form EL-03B shall be valid for one year or for the duration of the project, whichever is earlier.

(2) Renewal of the licence shall be subject to-

- (a) compliance with ETTS reporting obligations;
- (b) satisfactory inspection and audit findings;
- (c) submission of updated project information for extension where required; and
- (d) clearance of any previous penalties or outstanding violations.

**126F. Audit, inspection and monitoring.-** (1) The licensing authority may conduct inspections or audits at any reasonable time to verify compliance with these rules.

(2) Digital audits may be carried out through ETTS-generated analytics and activity logs.

(3) Any refusal, obstruction or delay in permitting inspection or audit shall constitute a violation of the licence.

**126G. Suspension, cancellation and penalties.-** (1) A licence in Form EL-03B may be suspended or cancelled by the licensing authority for reasons including—

- (a) furnishing false information;
- (b) breach of ETTS reporting obligations;
- (c) unauthorized transfer, possession or use of explosives;
- (d) non-cooperation with audit or inspection; and
- (e) repeated administrative violations.

(2) Suspension or cancellation may be accompanied by administrative penalties as provided under the Act and these rules.

**126H. Transitional Provisions.-** (1) Any organization previously exempt under the Act but undertaking private or contractual projects involving explosives shall obtain licence Form EL-03B within ninety days of making of these rules.

2. Existing stocks in their possession shall be digitally entered into the ETTS before their further use or transfer.

**126I. Power to issue instructions relating to licence in Form EL-03(B)**

.- The Director General, NEPSA may issue administrative guidelines, digital reporting protocols, formats or procedures necessary for the effective implementation regarding rules 126A to 126H, provided that such instructions are consistent with the Act and these rules.”;

(mm) in rule 128, -

- (a) in the TABLE, in column (1), in the fifth row, for the expression “Executive Magistrate or 1<sup>st</sup> Class Magistrate”, the words “Assistant Commissioner” shall be substituted; and
- (b) in sub rule (2), for the word “telegram or fax”, the word “official available fastest means” shall be substituted;

(nn) for rule 131, the following shall be substituted, namely: -

**“131. Imposition of penalties. –** (1) There shall be established a committee for the imposition of penalties provided under the Act which shall give its recommendations to the Director General, NESPA who shall impose penalty on such recommendations subject to the personal hearing of the accused.

- (2) The composition of the committee shall be as under-
  - (a) Director, NEPSA (Head Office) (Chairman);

- (b) Regional In-charge, NEPSA (Member); and
- (c) Representative of Military Intelligence (Member).

(3) Where any licensee is aggrieved by any orders passed by the Director General, NEPSA in terms of sub-rule (1), he may, within thirty days of such order, file an appeal to the Secretary of the division concerned whose decision shall be final.

(oo) in rule 134, in sub-rule (1), in the clause (a), for the expression “fax or express telegram on telegraphic address “Explosives” Karachi”, the words “officially available fastest means” shall be substituted;

(pp) after rule 135, the following new rule shall be inserted, namely: --

“135A. **Assistance from other organizations.** – (1) In performance of his functions, the Director General, NEPSA may, by an order in writing,–

- (a) call for information from any person for the purpose of satisfying himself whether there has been any contravention of the provisions of the Act or rules made thereunder;
- (b) require any person to produce or deliver any document or thing useful or relevant to the inquiry or investigation under the Act;
- (c) examine any person acquainted with the facts; or
- (d) seek expert opinion by co-opting any person in service of the Federal or Provincial Government or anybody under control of such Government.

(2) The information, expert opinion or assistance sought by the Director General, NEPSA under sub-rule (1) shall be provided by the person from whom such information, expert opinion or assistance is sought.”;

(qq) after rule 137, the following new rules shall be inserted, namely: -

“137A. **Legal and regulatory enforcement.** – (1) There shall be established a legal section which shall be headed by Deputy Director.

(2) The legal section shall be responsible for-

- (a) providing expert counsel on the Act and the rules made thereunder;
- (b) resolving litigation and court matters; and
- (c) strengthening regulatory compliance through legal oversight.

137B. **Technology and digital systems.** – (1) There shall be established an information technology (IT) section which shall be headed by Deputy Director.

(2) The IT section shall be responsible for-

- (a) developing, maintaining, and monitoring of track and trace systems for explosives;
- (b) managing and maintaining National Explosives Database Management System (NEDMS);
- (c) digitizing licensing processes such as applications, renewals and amendments; and
- (d) ensuring real-time data integration for transparency.

**137C. Human resource development (HRD).** – There shall be established an HRD section which shall be headed by Deputy Director.

- (2) The HRD section shall be responsible for-
  - (a) training and capacity building of its officers and officials;
  - (b) arranging specialized programs on the implementation of the Act and the rules made thereunder;
  - (c) conducting certification courses for its officers and legal staff; and
  - (d) providing technical training for IT and field personnel.

**137D. Research and development (R&D).** – (1) There shall be established an R&D section which shall be headed by Deputy Director.

(2) The R&D section shall perform the following functions to drive innovation in industrial explosives safety, regulatory compliance and operational efficiency through-

- (a) technology development to test or evaluate emerging explosive materials, storage technologies, and tracking systems and to pilot artificial intelligence or block-chain solutions for real-time monitoring;
- (b) explosives safety and forensics to research safer formulations and handling protocols and to develop forensic tools for pre-blast and post-blast analysis;
- (c) regulatory modernization to propose evidence-based amendments to explosives regulations and to study international standards for localized adaptation; and
- (d) stakeholder collaboration to partner with academia or industry for joint R&D, publish technical guidelines for compliance innovation and establishment of NEDMS, which shall collaborate with the National Forensic Agency.

(2) NEDMS shall be a digital platform integrated, at the NEPSA, designed to serve as a unified national database for all stakeholders in the explosives sector including manufacturers, suppliers, distributors, exporters, transporters and end users. It shall enable real-time tracking and access to comprehensive records of all explosive-related transactions, covering details such

as quantities, serial numbers, buyers and delivery locations. Each licence holder shall be assigned a unique NEDMS ID or node, through which all relevant transactions and activities involving explosives and blasting accessories shall be recorded in the system. Additionally, NEDMS shall feature an explosives management dashboard to facilitate real-time oversight of the complete licensing regime along with progress, end-to-end track and trace, manufacturing, transportation, usage, inventory of explosives and maintaining a steady link between different ministries or departments on the subject as and when required.

**137E. National Explosive Coordination Committee (NECC).** –(1) The National Explosives Coordination Committee (NECC) shall operate as a specialized technical advisory. The NECC shall oversee all technical matters pertaining to the manufacture, licensing, distribution, storage, transportation and use of explosives, commercial explosives and blasting or demolition accessories. All technical issues or disputes related to explosives shall be reviewed and approved by the NECC prior to implementation.

(2) The policy and regulation of NECC is to Formulate and issue technical directives, safety guidelines and operational policies for explosives management and to develop, revise and enforce safety and security regulations, including Standing Operating Procedures (SOPs), handling protocols and storage guidelines.

(3) The advisory and decision-making shall be served as the primary technical advisory body on explosives-related matters and to approve and guide R&D initiatives to integrate emerging technologies and global best practices.

(4) The composition of NECC, is as under-

- (a) Additional Secretary of the division concerned (Chairman);
- (b) Director General of NEPSA (Member);
- (c) Deputy Director (Legal) NEPSA (Member);
- (d) Scientific Officer (R&D) NEPSA (Member);
- (e) Representative of Inter-Services Intelligence (Member);
- (f) Representative of Military Intelligence (Member);
- (g) Representative of Intelligence Bureau (Member); and
- (h) Representative of Ministry of Law and Justice Division, not below BS-20 (Member).

**137F. Provincial Explosives Committee (PEC).** – (1) Each province shall have a Provincial Explosives Committee (PEC), including Azad Jammu and Kashmir and Gilgil-Baltistan. These committees shall ensure the implementation of national policy and shall also provide input on any future changes required to cater to specific provincial needs. They will support and monitor the District Explosives Management Committee (DEMC) to ensure proper and timely implementation. Moreover, they will provide facilitation to the licencees, effective monitoring of explosives usage and enforcement of the Act and these rules.

(2) The Committee shall comprise of multi-agency stakeholders to ensure comprehensive oversight while maintaining clear hierarchical accountability. The Committee shall include the following members, namely:-

- (a) Provincial in-charge, of NEPSA (Chairperson);
- (b) A representative from Home Department (not less than BS-18) (Member);
- (c) A representative from IG Office (not less than BS-18) (Member);
- (d) Nominated official from the Mines and Minerals Department (Member);
- (e) A member from Military Intelligence (Member); and
- (f) A member from ISI (Member).

(3) The Chairman may co-opted any person at any time who is conversant with the pending issue for obtaining his expertise in that matter.

**137G. Establishment of District Explosives Monitoring Committee (DEMC).** – (1) The DEMC shall serve as the primary regulatory body for explosives oversight at the district level, with the responsibilities to-

- (a) monitor end-user explosive utilization and compliance,
- (b) infer the feasibility for new licences;
- (c) conduct verifications and issue NOCs for grant of licence;
- (d) ensure security clearance of personnel supervising explosive operations; and
- (e) comply with all explosive-related activities including blasting, storage, transportation and usage by authorized blasting companies and shot-firers.

(2) The composition of the DEMC shall be as under-

- (a) Deputy Commissioner of the respective district (Chairperson);
- (b) Additional Deputy Commissioner of the respective district (Secretary);
- (c) Assistant Commissioner of the relevant sub-division (Member);
- (d) Police representative, Deputy Superintendent rank or above (Member);
- (e) Officer of NEPSA (Member);
- (f) Representative of Inter-Services Intelligence (Member);
- (g) Representative of Military Intelligence (Member);
- (h) Representative of Intelligence Bureau (Member);
- (i) Military or Frontier Constabulary or Civil Armed Forces representative (Member);
- (j) Mines and Minerals Department official (Member); and
- (k) Co-opted member (Member).

(3) The Chairman may co-opted any person at any time who is conversant with the pending issue for obtaining his expertise in that matter (Member).”;

(rr) for Schedule I, the following shall be substituted, namely:-

**“CLASSIFICATION OF EXPLOSIVES**

(See rule 3)

<b>Class No.</b>	<b>Name</b>	<b>Definition</b>	<b>Sub-Division</b>
1	Gun powder	“Gunpowder” means gunpowder ordinarily so called.	Nil
2	Nitrate-mixture	“Nitrate-mixture” means any preparation, other than gunpowder which is formed by the mechanical mixture of a nitrate with any form of carbon or with any carbonaceous substance not possessed of explosives properties, whether sulphur be or be not added to such preparation, and whether such preparation be or be not mechanically mixed with any other non-explosive substance, and includes any explosive containing a perchlorate and not being a chlorate-mixture, fulminate or nitro-compound as defined in this Schedule	Nil
3	Nitro-compound	“Nitro-compound” means any chemical compound which is possessed of explosive properties or is capable of combining with metals to form an explosive compound, and is produced by the chemical action of nitric acid (whether mixed or not, with sulphuric acid), or of a nitrate mixed with sulphuric acid, upon any	Division 1, comprising any chemical compound or mechanically mixed preparation which consists, either wholly or partly, of nitro-glycerine or some other liquids nitro-compound that is such explosives as ballistite, blasting gelatine, cordite, dynamite, gelatine dynamite, gelignite, etc. Division 2 comprising any nitro-compound, which is not comprised in Division 1 that is explosives such as ammonal, E.C. sporting powder, gun-cotton, picric acid, smokeless diamond, trinitro-toluol. (T.N.T.)_ etc.

		carbonaceous substance, whether such compound is mechanically mixed with other substances or not.	
4	Chlorate-mixture	“Chlorate-mixture” means any explosive containing a chlorate.	Division 1, comprising any chlorate preparation which consists partly of nitro-glycerine or of some other liquid nitro-compound. Division 2, comprising any chlorate mixture which is not comprised in Division 1.
5	Fulminate	“Fulminate” means any chemical compound or mechanical mixture whatever, which from its great susceptibility to detonation, is suitable for employment in percussion-caps or any other appliances for developing detonation, or which, from its extreme sensibility to explosion, and from its great instability (that is to say, readiness to undergo decomposition from very slight exciting causes), is specially dangerous.	Division 1 comprising such compounds as the Fulminate of silver and of mercury, and preparations of those substances such as are used in percussion caps, and any preparation consisting of a mixture of chlorate with phosphorus, or certain descriptions of compounds of phosphorus, with or without the addition of carbonaceous matter, and any preparation consisting of a mixture of a chlorate with sulphur or with sulphuret, with or without carbonaceous matter. Division 2 comprises such substances as the chloride and the Iodide of Nitrogen, Fulminating Gold and Silver, Diazobenzol and the Nitrate of Diazobenzol.
6	Ammunition	“Ammunition” means an explosive of any of the foregoing classes when the same is enclosed in any case or contrivance, or is otherwise adapted or prepared so as to form: (a) a cartridge or charge for small arms, cannon or any other weapon, or (b) a safety or other fuse for blasting or for shells, or (c) a tube for firing explosive, or (d) a percussion cap, detonator, fog signal, shell, torpedo, war rocket or any other contrivance other than a firework.	Division 1 comprises exclusively of, safety cartridges, safety fuses for blasting, railways fog signal and percussion caps. Division 2 comprises any ammunition which does not contain its own means of ignition and is not included in Division 1, such as cartridges for small arms other than safety cartridge, cartridges and charges for cannon shells and torpedoes containing any explosives, tubes for firing explosives, and war rocket, which do not contain their own means of ignition. Division 3 comprises any ammunition which contains its own means of ignition and is not included in Division 1, such as detonators, fuses for blasting which are not safety fuses, tubes for firing explosives, containing their own means of ignition. Note: The expression “ammunition containing its own means of ignition”

			means ammunition having an arrangement, whether attached to or forming part of the ammunition which is adapted to explode or fire the ammunition by friction or percussion “percussion cap” does not include a detonator.
7	Fireworks		<p>Division 1 comprises fireworks composition that is to say, any chemical compound or mechanically mixed preparation of an explosive or inflammable nature, which is used for the purpose of making manufactured firework, and is not an explosive of classes 1,2,3,4,5 and 6, any star and any colored fire composition:</p> <p>Division 2 fireworks comprises manufactured fireworks i.e. to say any explosive of class 1,2,3,4 or 6 and any fireworks composition when such explosive or composition is enclosed in any case or contrivance or other articles specially adapted, for the production of pyrotechnic effect for pyrotechnic signal or sound signals,</p> <p>Division 2 fireworks comprises 3 sub-divisions, namely, Sub-division 1, Sub-division 2 and Sub-division 3.</p> <p>Sub-division 1 of Division 2 fireworks comprises low hazard fireworks which, in the opinion of Director General of Explosives are relatively innocuous in themselves and are not liable to explode violently or all at once e.g. sparklers [Chinese crackers, serpents, etc.]</p> <p>Sub-division 2 of Division 2 of fireworks comprises high hazard fireworks which, in the opinion of Director General of Explosives, present a special hazard to a person e.g. rockets, shells, maroons, wheels, barrages, fountains, illumination pieces, distress signals, pyrotechnic devices etc.</p> <p>Sub-division 3 of Division 2 fireworks comprises such fireworks, which are assembled at site purely for the purpose of display.</p> <p>Division 3 comprises any explosive contrivance required for the manufacture of manufactured fireworks e.g. quick match</p>

			fuse, micro cord fuse etc, provided that a substantially constructed hermetically closed metal case, containing not more than 500 gms of coloured fire composition of such a nature, as not to be liable to spontaneous ignition shall be deemed to be “a manufactured firework” and not a “firework composition”.
8	Liquid oxygen Explosives Class	"Liquid Oxygen Explosives" means an absorbent carbonaceous material such as wood pulp, carbon black, metal powder, coal dust, etc. impregnated with liquid air or liquid oxygen with or without the addition of other substances.	Nil”;

(tt) in Schedule II, for the Table, the following shall be substituted, namely:-

“Table

<b>Item No.</b>	<b>Class</b>	<b>Method of packing</b>	<b>Quantity in any one outer package</b>	<b>Quantity in any one inner package</b>
(1)	(2)	(3)	(4)	(5)
1	Class 1	When the quantity in any one consignment does not exceed 2.5 kg., a single outer package. When the quantity exceeds 2.5 Kg. a double package, the inner and outer packages being as defined in clause (1) of this Schedule.	25 Kgs	--
2	Class 2	Same as for Class 1.	25 Kgs.	--

3	Class 3 Division 1 other than Propella nts.	Same as for Class 1, provided that either the outer or inner package shall be thoroughly waterproof and no metal shall be used in the construction of the packages, except that (1) nails made of brass, zinc or other soft metal or coated with the same may be used for securing the outer package, and (2) wire stitching may be used for securing the inner package if the wire is effectively prevented from coming into contact with the explosive by means of a sheet of stout cardboard or otherwise.	25 Kgs	--
4	Class 3 Division 1 propella nts.	Same as for Class 1.	25 Kgs.	25 Kgs.
5	Class 3 Division 2 other than picric acid, wet gun cotton.	Same as for Class 1.	25 Kgs.	25 Kgs.
6	Picric acid.	Same as for Class 1.	25 Kgs.	25 Kgs.
7	Gun cotton so wetted with water as to be absolutel y un- inflamm able	Same as for Class 1, provided that the inner or outer package or both of them shall be of such nature, and so closed, as to prevent any material loss of moisture.	25 Kgs.	25 Kgs.
8	Class 4 Division 1.	Same as for Class 3, Division 1, other than propellants.	25 Kgs.	--
9	Class 4 Division 2.	Same as for Class 1.	25 Kgs.	--
10	Class 5.	Packed in water. A treble package; the inner most package being a bag permeable to water, enclosed in a case containing sufficient water to ensure the explosive being kept constantly wet; the outer package containing sufficient water constantly to surround the case. Both the intermediate	100 Kgs.	---

		package and the outer package shall be of such construction and material as will not allow water to escape.		
11	Class 6, Division 1, other than pinfire cartridges for pistols.  Pin-fire cartridges for pistols.	A single outer package, provided that clause (3) of this Schedule shall not apply to explosives of this Division, Provided also that bulleted cartridge of a calibre exceeding 1.27 cm. and belonging to this Division shall be packed in such a manner that the point of any bullet cannot come in contact with the cap of another cartridge.  (a) Not exceeding 50 in number in any one consignment.- So packed in a single package that the bases lie alternately in opposite directions. The bases and pins shall be so fitted into perforations in millboard or other suitable material as to prevent the firing of any one of the said cartridges by an explosion in any other of the said cartridges.  (b) Exceeding 50 in number.—In an inner and outer package, the cartridges being packed in inner packages with millboards as above required.	800 in meters  50 in number  2500 in number	200 in meters  --  50 in number
12	Class 6, Division 2.	Explosives made up into cartridges or charges for cannon, shell, torpedoes, mines, blasting or other like purposes shall be packed in such manner and in such quantity as is required for the same explosive when not so made up, provided that, where a double package is required, the enclosing case of such cartridges or charges may, if it satisfies the conditions required for an inner packages, be deemed to be such inner package. Other ammunition of this Division:-A single outer package.	1000 in meters  50 Kg  50 kgs	250 in meters  --

13	Class 6 Division 3, other than detonato rs and electric detonato rs.	Same as for Class 1, provided that bulletted cartridges of a caliber exceeding 1.27 cm. and belonging to this Division shall be packed in such a manner that the point of any bullet cannot come in contact with the cap of another cartridge.	25 Kgs.	1 Kg., or 10 in number, whichever be the greater.
14	Detonato rs.	<p>(a) Not exceeding 1,000 in any one consignment. As for Class 1, provided that the detonators and the spaces between the same and between the sides of the inner package and the said detonators shall all be filled as far as practicable, with fine sawdust or other similar material; a layer of felt or other soft yielding material shall be placed between both ends of all the detonators and the interior of the inner package in which the same are placed, in such manner and so secured, that both ends of the detonators will rest upon the said cotton wool or other material, every inner package, if of metal to be lined throughout with the paper or other soft material.</p> <p>(b) Exceeding 1,000 detonators. The detonators shall be packed in inner packages, with sawdust and cotton wool as above described. Such inner packages shall be placed inside a substantial case of wood or metal, made and closed so as to prevent any of the inner packages escaping therefrom, and such case shall be placed inside an outer package in such manner and so secured as to leave a clear space of not less than 7.5 cm between the case and every part of the interior of the said outer packages, notwithstanding that such clear space may, if preferred be filled with sawdust, straw or other similar material or may contain a light framework or battens of</p>	<p>Upto 5000 in number</p> <p>10,000 in number</p>	<p>Upto 100 in number</p> <p>100 in number</p>

		<p>wood to keep the case aforesaid in position in the outer package.</p> <p>(c) Where the number of detonators exceeds 5,000 such other packages shall be provided with handles or other contrivance, by means of which it can be safely and conveniently carried.</p>		
15	<p>Same as for Class 1, provided that where the number in any other package exceeds 3,000 such outer packages</p>	<p>Upto 5000 in number</p>	<p>Upto 100 in number</p>	<p>Same as for Class 1, provided that where the number in any other package exceeds 3,000 such outer packages shall be provided with</p>

	shall be provided with handles or other contrivance, by means of which it can be safely and conveniently carried.			handles or other contrivance, by means of which it can be safely and conveniently carried.
16	Class 7 Division 1	Double package, the inner package being hermetically closed and contained in an outer package as above defined.	10 Kgs.	0.5 Kgs.
17	Class 7, Division 2	Single outer package, provided that clause (3) of this Schedule shall not apply to explosives of this class and Division.	50 Kgs	--
18	Penta-Erythritol Tetranitrate (P.E.T.N Penthrite) containing 25% of moisture	In double package, the inner package shall be a polythene bag closed at the top with twine thread and placed in a bright tin container. Both the bag and the tin container shall be so closed as to prevent any material loss of moisture. The outer package shall be as defined in clause (1) of the Schedule and so closed as to prevent any material loss of moisture.	22.5 Kgs. (dry basis)	11.25 Kgs. (dry basis)
19	RDX/HMX/Pyrex	Same as for P.E.T.N.	22.5 Kgs. (dry basis)	11.25 Kgs. (dry basis)
20	Tri-Nitro-Resorcinol (Styphnic acid)	Same as for Class 1, provided that Trinitro-Resorcinol (Styphnic acid) shall be wetted with not less than 20% of water calculated on the wet explosives and that the inner package shall be a substantial bag, case or canister so made and closed as to prevent any loss of moisture or escape of explosives.	25 Kgs. of wet explosive	25 Kgs. of wet explosive

21	Class 8, Liquid Oxygen Explosives	Cartridges packed and transported for immediate use in insulated packing boxes of a design approved by the Director General of Explosives”;	--	--”;
----	-----------------------------------	---	----	------

(uu) for Schedule IV, the following shall be substituted, namely:-

**“SCHEDULE IV**

(See rule 105)

**PART 1**

**LICENCES AND LICENCING AUTHORITY**

Article No.	Form of licence	Purpose for which licence granted	Authority empowered to grant the licence
(1)	(2)	(3)	(4)
1	EL-01	(a) To manufacture explosives other than fireworks, gunpowder.	Director General
		(b) To manufacture fireworks and or gunpowder up to 200 kgs.	Director/Deputy Director authorized by Director General.
		(c) To manufacture fireworks and or gunpowder more than 200 Kgs at a time.	Director General
		(d) To manufacture Liquid Oxygen Explosives	Director General
2	EL-02	(a) To possess for sale explosives not exceeding 2000 Kgs of Class 1,2,3,4 and 7 together with explosives of class 6.	Director/Deputy Director authorized by Director General
		(b) To possess for sale explosives exceeding 2000 kgs. of class 1,2,3,4 and 7 and any quantity of class 5, 6, and 8	Director General

3	EL-03	(a) To possess for use explosives not exceeding 2000 kgs. of class 1,2,3,4 and 7 together with explosives of class 6.	Director/Deputy Director authorized by Director General
		(b) To possess for use explosive exceeding 2000 kgs of class 1,2,3,4 and 7 and any quantity of class 5, 6 and 8.	Director General
4	EL-03(A)	To possess for use any class and quantity of industrial explosives by blasting company.	Director General
5	EL-03 (B)	To possess for use any class and quantity of industrial explosives by Special Organization	Director General
6	EL-05	a. To possess and sell fireworks from a shop fireworks	Director/Deputy Director authorized by Director General
7	EL-06	Grant of licence for road van.	Director/Deputy Director authorized by Director General
8	EL-07	To transport explosives.	District Authority
9	EL-08	To import explosives.	Director General
10	EL-09	To export explosives.	Director General
11	EL-10	For public display of fireworks.	Director/Deputy Director authorized by Director General
12	EL-11	To manufacture ANFO/Bulk Explosives i.e. Emulsion at site using Mobile Manufacturing Unit (MMU) only on project based	Director General
13	EL-12	To transport explosives in boat	Convener of port

**PART II**  
**FEE CHART**

(i) To manufacture explosives-	
(a) of classes 2, 3, 4, 5 and 6 (Form EL-01)	Rs. 50,000 for each division of explosives
(b) of class 1 and or class 7 (Form EL-01),-	
(i) in a quantity not exceeding 15 Kgs at a time;	Rs. 10000
(ii) in a quantity exceeding 15 Kgs. but not exceeding 200 Kgs. at a time; and	Rs. 20000
(iii) in quantities exceeding 200 Kgs. at a time; and	Rs.50,000/-
(c) To manufacture Liquid Oxygen Explosives	Rs. 50,000)
(ii) To possess and sell explosives.	
(iii) To possess explosives for use (other than for licence in Form EL-10).	<p>(a) Rs.6000 for every 1000 Kgs. or part thereof of the licenced capacity of each division of explosive of class 1, 2, 3, 4, 5, 7 or 8</p> <p>(b) Rs. 6000 for every 1000 meters/ number of each division of explosives of class 6.</p> <p>(a) Rs.6000 for every 1000 Kgs or part thereof of the licenced capacity of each division of explosives of</p>

	class 1, 2, 3, 4, 5, 7 or 8; and  (b) Rs. 6000 for every 1000 meters/ number or part thereof of each division of explosive of class 6
(iv) To possess and sell explosives (Form EL-05)	Rs.50000
(v) To transport explosives (Form EL-07).	<u>Rs.5000</u>
(vi) Grant of licence for road van (Form EL-06).	Rs.20000
(vii) To import explosives (Form EL-08).	Rs. 25000
(ix) To export explosives (Form EL-09).	Rs. 25000
(x) To possess and use public display fireworks (Form EL-10).	Rs.50000
(xi) For manufacturing of ANFO/Bulk explosives (only emulsion as per definition) on site by EL-01 Licence holder through Mobile Manufacturing Unit (MMU) (EL-11)	500000 for each product at a project
(xi) To transport explosives in boats (Form EL-12)	Rs. 25000
(xii) Other fees payable under the rules shall be:-	
(a) testing fee for each sample of explosives (see rule 25);	Rs. 15000
(b) (i) testing of each explosive sample to issue certificate of safety in Form EM-01 (see rule 32),	Rs. 15000
(ii) to renew such certificate without fresh test;	Rs. 10000
and	
(iii) to renew such certificate after fresh test;	Rs. 15000
(c) For storage of explosives in excess of licenced capacity at any one time (see rule 119);	Rs. 50000 for first 15 days and 30000 for every additional 15 days or part thereof
(d) For permit for temporary possession of fireworks in excess of licenced quantity (see rule 121);	Rs. 30000
(e) Amendment fee for each licence (see rule 111)	
(i) other than a licence in Form EL-01, EL-04, and EL-05;	
(ii) in form EL-04 or EL-05; and	Rs. 10000

(iii) in Form EL-01;	
(f) For appeal against an order of a licensing authority (see rules 116 and 118)	Rs. 10000
(i) if such appeal is preferred to Federal Government or Director General; and	Rs. 10000
(ii) if such appeal is preferred to officer superior to district authority;	Rs. 10000
(g) For issue of duplicate copy of a licence (see rule 118);	Rs. 5000
(i) For issue of copy of reasons of cancellation or suspension of licence or refusal of grant, amendment or renewal of licence (see rule 116).	Fee equal to grant of licence fee
(j) For issue of lightning conductor test certificate (see condition 7 of licence in Form EL-02 and EL-03)	Rs. 5000
	Rs. 3000";

(vv) in Schedule V, -

- (a) in Form EA-03, in paragraph 4, in the table, in the first column, after last entry and the corresponding entry relating thereto in the second column, the following new entry and the corresponding entry relating thereto shall be added, namely: -

“Blasting Company”;	
---------------------	--

(b) Form EA-04 shall be omitted.

- (c) in Form EA-07, in paragraph 3, in the table, in the first column, after last entry and the corresponding entry relating thereto in the second column, the following new entry and the corresponding entry relating thereto shall be added, namely:-

“By land”	
-----------	--

- (d) in Form EA-08, in paragraph 5, in the table, in the first column, after last entry and the corresponding entry relating thereto in the second column, the following new entry and the corresponding entry relating thereto shall be added, namely:-

“By land”	
-----------	--

- (e) in Form EL-01, --
- (i) the words “per year”, occurring twice, shall be substituted; and
  - (ii) after condition 26, a new condition shall be added as follows:

“(27) Manufacturers may add additional rooms in their storage magazine attached with manufacturing facility: provided that-

- (a) the maximum capacity of each room shall not exceed twenty tons;
- (b) all the new rooms shall be mounded with a distance of twenty feet from one another.; and
- (c) the total quantity remains within the maximum permissible limit of fifty tons under these rules.”;

- (f) for Form EL-04, the following shall be substituted, namely: -

“FORM EL-03(A)  
(See rule 105)

[Article 4 of Part 1 of Schedule IV]

**Licence to possess Explosives for use by blasting company**

No..... Annual fee Rs.....

Licence is hereby granted to.....valid only for possession and use of quantities of explosives specified in Table 1, at the premises described in Table 2, subject to the provisions of Explosives Act, 1884, the rules made thereunder and to the conditions of this licence.

This licence shall remain valid till the 31st day of March, 20.....

This licence is liable to be suspended or revoked for any violation of the Act or rules made thereunder or the conditions of this licence or if the licenced premises are not found conforming to the description shown in attached plan.

Table 1

Kind and quantity of explosives permitted to possess and use:-

S. No,	Name	Class	Division, if any	Quantity	A/U

--	--	--	--	--	--

Table 2

Approval No. of plans showing the licenced premises.			Situation of the premises.			Details of approved facilities at the premises.
S.No	Approval No.	Date	Place	Police station	District	

Postal Address of licensee.....

The .....20....

(Licencing Authority)

Endorsement for renewal of licence:-

Date of renewal.	Date of expiry.	Signature of licensing authority.

CONDITIONS

- (1) The quantity of explosives on the premises at any one time shall not exceed the licenced capacity.
- (2) The blasting company will have prior approval form National Explosives and Petroleum Safety Agency, of a magazine in every district where it desires to perform the activity.
- (3) The magazine or store house shall be used only for keeping all explosives specified in Table 1 of this licence and of receptacles, or tools or implements for work connected with the keeping of such explosives.
- (4) The opening of packages and the weighting and packing of explosives shall not be carried on in the magazine or store house.

- (5) Two or more description of explosives which may be permitted to be kept in the magazine or store house in Table 1 shall be kept only if they are separated from each other by an intervening partition of such substance, character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other:

Provided that—

- (a) the various explosives of classes 1 (gunpowder), 2 (nitrate-mixture), 3 (nitro-compound) and 4 (chlorate mixture), safety fuses belonging to the 1st Division of the 6th (Ammunition) Class, and such of the various explosives of the 2nd Division of the 6th (Ammunition) Class as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space;
  - (b) the various explosives of the 1st division of the 6th (Ammunition) class may be kept with each other without any intervening partition or space;
  - (c) such of the various explosives of the 2nd Division of the 6th (Ammunition) Class as contain any exposed iron or steel, may be kept with each other without any intervening partition or space;
  - (d) the various explosives of the 3rd Division of the 6th (Ammunition) Class may be kept with each other without any intervening partition or space; and
  - (e) the various explosives of the 7th (Fireworks), Class other than those containing chlorate may be kept with each other without any intervening partition or space.
- (6) **Save as aforesaid, two or more descriptions of explosives shall not be kept in the magazine or store house notwithstanding the provisions of additional condition No...**
- (7) (a) Explosives of the 3rd (nitro compound) Class shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of an Inspector of Explosives; and
- (b) when such sanction has been given, a written certificate showing the period covered by the sanction must be obtained from an Inspector of Explosives at each inspection, and must be kept by the licensee and produced on demand.
- (8) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerine or liquid nitro-glycerine or liquid nitro-compound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Director General, Director, or Deputy Director of NEPSA may issue.

- (9) The interior of the magazine or store house and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and otherwise clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water therefrom:

Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.

- (10) If the lighting conductor is tested by an Deputy Director Explosives, the licensee shall pay the fees prescribed for test. In the event of the test proving unsatisfactory, another fee shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory:

Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day.

- (11) Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fire, lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion:

Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.

- (12) The licensee shall keep records and accounts of all explosives manufactured and of all stocks in hand in forms EM-09A and EM-09E and exhibit the stock books and records to any of the officers authorized under rule 128 whenever such officer may call upon him to do so.
- (13) Any accident and losses, shortage, of stock and thefts of explosives shall be reported without delay to the nearest police station and the licensing authority.
- (14) Free access to the licenced premises shall be given at all times to any inspecting or sampling officer and all facilities shall be offered to the officer

for ascertaining that the provisions of the Act and rules made thereunder and the conditions of this licence are duly observed.

- (15) No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.
- (16) If the licensing authority calls upon the holder of the licence by a notice in writing to take any action which may in the opinion of such authority be necessary for the safety of the premises or the public, the holder of licence shall take such action within such period, not being less than fifteen days from the date of receipt of the notice, as may be fixed by the notice.
- (17) Magazine or store house shall at all times be in good condition. The licensee shall report to licensing authority forthwith, if the magazine or store house comes unfit for storage of any explosives for any reason whatsoever.
- (18) The licensee shall submit at the end of every fortnight a return in Form EM-10(A) to EM-10(E) to the licensing authority as well as the renewal authority in the proforma prescribed from time to time so as to reach the above authorities by the 5th day of the end of each fortnight.
- (19) Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.
- (20) The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.
- (21) The explosive packages shall be stacked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacturer's particulars of each package.
- (22) The resistance of the lightning conductor to earth shall be as low as possible and in no case more than ten ohms.
- (23) A distance of fifteen metres surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.
- (24) Every packet of explosive at the time of bringing inside the magazine or store house shall be examined for its sound condition.
- (25) Not more than three persons shall be allowed inside the magazine or store house at any one time.
- (26) Empty packages of the explosives shall be removed at the earliest and destroyed.
- (27) The explosives shall not be used for blasting purposes in the areas not coming within the purview of the Mines Act, 1923 (IV of 1923), unless the

licencee employs a qualified shot firer or the person having equivalent qualifications as recognized by the Director General NEPSA.

- (28) The licencee and the shot firer shall be responsible for preparation of charges, the charging of holes and the firing of shots and shall take all precautions against fire and accident involving the explosives.
- (29) No smoking or any source of light or fire shall be allowed in or near the place where explosives charges are being prepared or kept.
- (30) For charging or stemming a shot hole, no person shall use an iron or steel tools, scraper, or tamping rod, nor shall forcibly press the explosive into a hole of insufficient size. A tamping rod made entirely of wood shall be used.
- (31) Before exploding any blasting charge, adequate measures shall be taken so as to prevent as far as possible, the projection of fragments of stone by the explosion of the blasting charge.
- (32) No person shall re-bore or temper a hole that has once been charged or attempt to withdraw a charge either before firing or after a misfire or deepen or tamper with empty holes or sockets left after blasting.
- (33) Before commencing shot firing the licencee shall give sufficient warning to the public by an efficient system of signals and by putting up red flags in the danger zone. He shall see that all persons in the vicinity have taken proper shelter and shall also take suitable steps to prevent any person approaching the shot.
- (34) The licencee shall warn the public not to approach the site of blasting operation at least within an hour after explosion or in the case of an open quarry, not to approach such quarry within half an hour after explosion.
- (35) The number of shots which explode shall be counted and unless it is certain that all the shots have exploded no person shall approach or be permitted to approach the place until 30 minutes after the firing of shots.
- (36) In the event of a misfire, if relieving hole is to be drilled it shall not be placed within 30 cm. from the misfired hole. The relieving hole shall run parallel to the misfired hole.
- (37) The licencee shall procure explosives preferably from EL-02 licence holders, of nearby regions.
- (38) The licencee shall be permitted to enter into joint ventures with existing EL-02 licence holders.

Additional Conditions.

.....  
.....”

“ FORM EL-03(B)

(See Rule 138-B)

[Article 5 of Part 1of Schedule IV]

**Licence to possess Explosives for use by blasting company**

1. Name of Licencee Organization:

.....

2. Legal Status (tick one):

- Statutory Authority
- State-Owned Enterprise
- Autonomous Body
- Public Agency undertaking private/commercial work
- Other (specify): .....

3. Registered Address of the Organization:

.....

4. Contact Person / Designated Explosives Manager:

Name: .....

Designation: .....

CNIC/Official ID No.: .....

Phone: .....

Email: .....

5. Project for which Licence is Required:

a. Project Title: .....

b. Project Location(s): .....

c. Nature of Work:

- Construction
- Mining / Quarrying
- Demolition
- Engineering Works
- Other (specify): .....

d. Project Duration: From ..... to .....

6. Storage Arrangements:

a. On-site Licenced Magazine :  Yes  No

b. Contracted Licenced Magazine:  Yes  No

If yes, provide details:

Licence No.: .....

Location: .....

7. Intended Source(s) of Explosives:

(Provide details of licenced manufacturers/importers/suppliers)

.....

8. Explosives Track & Trace System (ETTS) Registration:

Date of Activation: .....

9. Estimated Quantity Required (Any one time):

.....

10. Details of Transportation Arrangements (if applicable):

Licensed transporter(s) and vehicle identification numbers:

.....

11. Declaration by the Applicant Organization:

We hereby declare that—

1. The explosives requested under this licence shall be used solely for the project identified above;
2. All administrative and reporting obligations under the Explosives Act, 1884 and the Explosives Rules, 2010 shall be complied with;
3. All explosive transactions shall be reported in real time through the Explosives Track & Trace System;
4. All information provided herein is true and correct to the best of our knowledge.

Authorized Signatory

Name: .....

Designation: .....

Signature: ..... Date: .....

(Official Stamp of Organization)

FOR OFFICIAL USE

12. Inspection Report:

Documents verified

Magazine arrangements verified

ETTS activation confirmed

Remarks:

.....

Inspecting Officer (Name & Designation):

Signature: ..... Date: .....

13. Order of the Licensing Authority

Licence No.: .....

Valid From: ..... To: .....

Project-Specific Licence (Yes/No): .....

The applicant is hereby granted a licence in Form EL-03B for possession, transportation and use of explosives for the above-mentioned private/commercial project, subject to compliance with the Act, Rules, and conditions endorsed.

Director General /Authorised Officer

Name: .....

Signature: ..... Date: .....

(Official Seal)

(g) in Form EL-05, for the expression “(a) small-arms nitro-compound not exceeding twenty five Kgs or fire-works not exceeding two hundred kgs or gunpowder not exceeding twenty five kgs and safety fuse not exceeding ten thousand meters or (b) fire-works not exceeding hundred kgs or gunpowder not exceeding fifteen kgs and safety fuse not exceeding five thousand meters”, the expression “a) Licence to possess and sell fireworks from a shop not exceeding two hundred kgs or (b) fireworks not exceeding fifty Kgs” shall be substituted;

(h) in Form EL-08, the word “otherwise than by land” shall be omitted;

(i) in Form EL-09,-

(i) the word “otherwise than by land” shall be omitted; and

(ii) after Condition (6), the following new clause shall be added, namely:-

“ (7) In case of export of explosives by sea or by land explosives can be transported from the factory premises to the designated port/ border in the specialized containers approved by NEPSA for the export to the concerned country.”;

(j) Form EL-11 shall be substituted, namely: -

**“Form EL-11**

*(See rule 105)*

[Article 11 of Part 1 of Schedule IV]

**Licence to manufacture ANFO/Bulk Explosives (Emulsion) at site using Mobile Manufacturing Unit (MMU)**

No.....

Annual Fee Rs.....

Licence is hereby granted to.....only for manufacture of ..... (class 2, Div nil) at any one time at the premises described in Table 1 below subject to the provisions of Explosives Act, 1884, and the rules made thereunder and the conditions of this licence.

This licence shall remain valid till the 31<sup>st</sup> day of March, 20.....

This licence is liable to be suspended or revoked for any violation of the Act or rules made thereunder or conditions of the licence if the licenced premises are not found conforming to the description as per attached plans.

Location of site.	District.	Approved facilities.	Approval No. and date of plan attached with the licence.
-------------------	-----------	----------------------	--


Table 1

DESCRIPTION OF THE LICENCED PREMISES:-

Postal address of the licensee.....

The..... (Licencing Authority)

Space for endorsement of renewals: -

Date of renewal.	Date of expiry.	Signature of licensing authority.

**CONDITONS**

1. Mixing of ANFO/Emulsion must only occur:
  - a. At the blast site, immediately before charging holes.
  - b. In accordance with a blasting plan approved by a licenced shotfirer or explosives engineer.
2. No pre-mixed ANFO/emulsion (bulk explosives) is allowed to be transported.
3. MMU must not park overnight at unauthorized locations with raw materials or mixed explosives on board.
4. The unit must be equipped with:
  - a. Fire extinguishers
  - b. Spill containment kits
  - c. PPE for all operators
5. All operators must:
  - a. Be trained and certified in explosives handling.
  - b. Hold valid security clearances.
  - c. Be competent in emergency response procedures.

6. At least one licenced blaster must be present during mixing and charging operations.
7. Raw materials for ANFO/Bulk Explosives (Emulsion), may only be loaded into the MMU:
  - a. At licenced explosive or raw material storage facilities.
  - b. Under the supervision of authorized personnel.
8. The MMU must be locked and secured when unattended.
9. Movement logs, GPS data, and usage logs must be maintained and made available for inspection.
10. Unauthorized access or diversion of explosives or raw materials must be reported immediately.
11. The licensee shall maintain a detailed record of all personnel engaged in each activity of onsite manufacturing on every MMU. Such record shall be produced for examination by the authorized officer of NEPSA during inspection.
12. Spills of ANFO/Bulk Explosives (Emulsion), (Class 2, Div nil)) must be cleaned as per environmental regulations.
13. Waste must be collected and disposed of through authorized channels.
14. Wash-down of MMU is only permitted at approved locations with waste treatment facilities.
15. The following records must be maintained for at least 3 years:
  - a. Daily log of production
  - b. Material inventory
  - c. Maintenance and calibration records
 Blasting reports
16. MMU licence will only be granted to the (existing EL-01 licence holder) for mega mining/ projects of national interests.
17. Every MMU will have its individual licence granted with specification of the unit
18. The licence holder will enter his data on real time bases within approved limit in online explosives portal.”;

(ww) in Schedule VI, in the Table; -

- (a) in column (2), after the word “magazine.”, the comma and words “, and guard room” shall be added;
- (b) in column (3), for the words “dam etc”, the expression “, dam, Electric power overhead (upto 440V) etc” shall be substituted;
- (c) in column (4), for the words “chimney etc” the expression “, chimney, Electric power overhead (above 440V) etc” shall be substituted;

Following conditions shall be put in under Schedule VI of the safety distances

- (i) in case of EL-02 magazine if the capacity is more than 50 M.Tons distance calculation will be done as per proportion available in the distance table of schedule VI;

(xx) after Schedule VIII, the following new Schedule shall be added, namely:-

## **“SCHEDULE IX**

**[See rule 99(3)]**

### **Requirement of Blasting Companies**

(1) Any firm desirous of including to be Blasting Company, shall apply to the Director General of Explosives.

(2) The blasting company shall include the below mentioned personals, having relevant experience in the field.

- I. GM Operational and Safety Department (Experience of 5 years in dealing Explosives)
- II. Operational and Safety Chief Engineer (4 years degree in Related field+3 years' Experience)
- III. Supervisor (Diploma/certificate in related field + 3 years' Experience)
- IV. Short Firer (Short Term Diploma/certificate in the related field)
- V. G.M. Supply Chain Department (Experience of 5 years in dealing Explosives)
- VI. Business and Accounting Manager (4 years degree in Related field+1 years' Experience)
- VII. Manager Logistics (Diploma/certificate in related field + 1 years' Experience)
- VIII. Manager Transport and supply chain (Diploma/certificate in related field + 1 years' Experience)
- IX. Explosives Magazine and storage (Diploma/certificate in related field + 1 years' Experience).

## **Schedule X**

### **Licensing for Mobile Manufacturing Units**

#### **Licensing Procedure**

1. Application shall be submitted to the Director General NEPSA with:
  - a. Technical drawings
  - b. Design certification
  - c. SOPs & safety manuals
  - d. Operator qualifications
  - e. Vehicle registration
2. A field inspection shall be conducted prior to issuing a licence.
3. Keeping the safety parameters in view, the applicant will be responsible for the commute to inspect the premises before grant of licence
4. Licence validity shall be one year or the completion of the project whichever is earlier, renewable subject to compliance.
5. Each MMU will have a new licence for every product

#### **Documents Required**

Applicants must submit:

1. Engineering drawings (mechanical, electrical, hydraulic)
2. Fire suppression certification

3. Pressure vessel certificates (if installed)
4. SOP for:
  - Mixing
  - Loading
  - Shutdown
  - Emergency operations
5. Hazard Identification & Risk Assessment (HIRA)
6. Emergency Response Plan
7. Operator training certificates
8. Vehicle fitness certificate
9. Insurance of MMU & personnel
10. Letter of intent from blasting site operator (if applicable)

### **Technical Compliance Standards**

Every MMU shall comply with:

1. AS 2187.2 (Australia) – Explosives Use & Mobile Mixing Units
2. IME SLP-2, SLP-13, SLP-22 – Safe Operation of MMUs
3. ADR 2023 Transport of Dangerous Goods (as adapted)
4. ISO 9001 (quality), ISO 45001 (safety)
5. SAFEX guidelines for AN-based explosive transportation

### **MMU Design Requirements**

Every MMU submitted for approval shall meet the following criteria:

#### **Structural & Mechanical Design**

1. The MMU shall be constructed of non-sparking materials.
2. Compartments shall be segregated for:
  - AN prill
  - Fuel oil
  - Additives
  - Emulsion matrix
3. Vehicle chassis shall be rated for the load as per manufacturer specifications.
4. All rotating parts shall be shielded to prevent mechanical ignition.
5. A double-insulated fuel system shall be mandatory.

#### **Electrical System**

1. All electrical systems shall be intrinsically safe or ATEX-certified.
2. Electrical wiring shall be protected from heat and abrasion.
3. Static discharge controls (grounding & bonding) shall be installed at all transfer points.

#### **Fire Protection**

1. Automatic fire suppression systems shall be installed over:
  - Engine compartment
  - Mixing chamber
  - Fuel storage area
2. At least two 9-kg dry chemical extinguishers shall be provided.

### **Mixing System Requirements**

### Continuous Mixing

1. MMUs shall be designed for continuous-mix only; storage of finished explosive on-board is strictly prohibited.

### Interlock & Control Systems

1. The MMU shall include:
  - Pressure monitoring
  - Temperature monitoring
  - Flow indicators
  - Emergency stop switches
2. Interlocks shall automatically halt operations if:
  - Fuel or matrix flow exceeds set limits
  - Pressure exceeds safe levels
  - Static grounding is interrupted
  - A fire or electrical fault is detected

### Metering & Calibration

1. The metering system for AN prill, fuel, and emulsion shall be calibrated annually.
2. Processing equipment shall maintain mixture ratios within  $\pm 1\%$  accuracy.

### Operational Restrictions

1. No MMU shall carry detonators or boosters simultaneously with AN, fuel, or matrix.
2. MMUs shall not operate:
  - Near public roads (<50 m)
  - Near electrical transmission lines (<30 m)
  - In residential or congested areas
3. On-site manufacturing shall be conducted only under supervision of a Blasting Engineer.
4. Operating in thunderstorms or extreme heat ( $>45^{\circ}\text{C}$ ) shall be prohibited unless adequate cooling systems exist.

## COMPLIANCE FRAMEWORK FOR MOBILE MANUFACTURING UNITS (MMUs) (For On-Site Production of ANFO & Emulsion Explosives)

### 1. General Compliance Requirements

1. MMU must be approved by the Director General NEPSA prior to operation.
2. All MMUs must comply with:  
Explosives Act, 1884  
Explosives Rules, 2010
3. Operations shall only be performed by certified MMU Operators and supervised by a Shotfirer/Blasting Engineer.
4. MMU must carry only materials required for same-day blasting.
5. MMU must not transport boosters or detonators with bulk AN/Emulsion.

### 2. Design Compliance

#### 2.1 Structural Requirements

- Chassis load certification appropriate for explosives equipment.
- Hazard-resilient construction: non-sparking materials, enclosed compartments.
- Separate and clearly labeled compartments for:

AN prill

- o Emulsion matrix
- o Fuel oil
- o Additives
- No cross-contamination between compartments.
- Weatherproof and dustproof construction.

## 2.2 Electrical System

- ATEX-certified or intrinsically safe equipment.
- Wiring shielded from abrasion and heat.
- Static control:
- o Grounding points
- o Bonding straps
- o Anti-static flooring

## 2.3 Fire Safety

- Automatic fire suppression system (engine + mixing compartment).
- 2 x 9 kg dry chemical extinguishers.
- No ignition sources within hazardous zones.

## 3. Mixing System Compliance

### 3.1 Equipment Requirements

- Continuous-mix design only. No storage of manufactured explosive.
- Metering system accuracy  $\leq \pm 1\%$ .
- Positive displacement pumps for emulsion.
- Temperature and pressure gauges on mixing line.

### 3.2 Interlock Requirements

Interlocks must automatically stop mixing if:

- Static ground connection fails
- Overpressure occurs
- Flow rates exceed safe limits
- Fire alarm activates
- Door/compartment is accessed during mixing

### 3.3 Purging & Cleaning

- Mandatory purge system to clear lines after each loading cycle.
- Purge waste must be collected and not discharged at site.

## 4. Material Compliance

### 4.1 ANFO

- AN prill must meet quality specifications (absorption, porosity, hardness).
- Fuel oil must comply with recognized standards (equivalent to ASTM D975).
- No contaminated or caked AN allowed.

### 4.2 Emulsion

- Emulsion matrix must be manufactured at a licenced facility.
- Gassing/sensitizing systems must be sealed, calibrated, and tamper-proof.
- Temperature-controlled storage required.

## 5. Operational Compliance

### 5.1 At the Site

- MMU must be positioned in a controlled, secured area.
- No unauthorized persons allowed within 50 m.
- Minimum distances:

- o 50 m from roads
- o 100 m from buildings
- o 30 m from overhead power lines

#### 5.2 Weather Restrictions

- No mixing during lightning, heavy rain, or extreme temperatures without mitigation.

#### 5.3 Supervision

- On-site manufacturing only under responsibility of:
  - o Licenced Shotfirer
  - o MMU Operator
  - o Safety Supervisor

#### 5.4 Transport Restrictions

- MMU shall not move with mixed explosive onboard.
- Only raw materials may be transported.

### 6. Personnel Compliance

#### 6.1 Operator Qualification

- Certified MMU Operator training (recognized curriculum).
- Annual refresher training or after any major incident.
- Valid Dangerous Goods driver certification (where applicable).

#### 6.2 Safety Training

Personnel must be trained in:

- AN handling
- Emulsion matrix handling
- Emergency response
- Equipment operation
- Fire safety

### 7. Documentation & Licensing Compliance

#### 7.1 Required Technical Documentation

- Engineering drawings (mechanical, hydraulic, electrical).
- Structural stability certificate.
- Design certification by PE/Registered Engineer.
- Fire suppression and pressure vessel certification.
- Electrical conformity certificate.

#### 7.2 Required Safety Documentation

- Risk Assessment
- MMU Operating SOP
- Emergency Response Plan
- Incident reporting SOP
- Spill Control Plan

#### 7.3 Regulatory Documentation

- Vehicle registration
- Insurance coverage (vehicle + third party + operator)
- Operator certificates
- Company explosives licence

### 8. Inspection Compliance (NEPSA/DG)

#### 8.1 Pre-Licensing Inspection

Inspector must verify:

- Mechanical integrity
- Electrical safety
- Interlock functionality
- Fire suppression
- Grounding system

## 8.2 Annual Inspections

Required for:

- Metering calibration
- Structural integrity
- Tank/compartment condition
- Pump & hose integrity

## 8.3 Surprise Inspections

- Compliance with SOPs
- Operator certification
- Documentation availability
- PPE
- No presence of mixed explosives during travel

## 9. Emergency Compliance

MMU must carry:

- First aid kit
- Eye wash bottle
- Spill control material
- Fire extinguishers
- Communication device

Emergency Actions

If malfunction:

- Stop mixing
- Secure area
- Move MMU away from personnel
- Notify site supervisor
- Report to NEPSA within 24 hours

### Schedule XI

**(National Explosives and Petroleum Safety Agency) NEPSA**  
**MMU COMPLIANCE CHECKLIST (Inspection Report)**

*(Form: MMU-IR-11)*

**Mobile Manufacturing Unit (MMU) – Compliance Checklist**

**Purpose:** Field inspection prior to approval/renewal

**MMU ID / Registration:** \_\_\_\_\_

**Company Name:** \_\_\_\_\_ **Explosives Licence Number**

**Inspection Date:** \_\_\_\_\_

**Inspecting Officer:** \_\_\_\_\_

### A. DOCUMENTATION

Item	Yes	No	Remarks
Valid Explosives Licence (EL-01/EL-06)	<input type="checkbox"/>	<input type="checkbox"/>	
Engineering drawings approved	<input type="checkbox"/>	<input type="checkbox"/>	
Design certification by qualified engineer	<input type="checkbox"/>	<input type="checkbox"/>	
SOPs & Emergency Response Plan available	<input type="checkbox"/>	<input type="checkbox"/>	
HIRA/Risk Assessment submitted	<input type="checkbox"/>	<input type="checkbox"/>	
Operator training certificates verified	<input type="checkbox"/>	<input type="checkbox"/>	
Fire suppression & pressure vessel certificates	<input type="checkbox"/>	<input type="checkbox"/>	
Latest calibration certificates (metering, pumps)	<input type="checkbox"/>	<input type="checkbox"/>	

#### B. PHYSICAL INSPECTION – STRUCTURE

Requirement	Yes	No	Remarks
Segregated compartments (AN, Emulsion, Fuel)	<input type="checkbox"/>	<input type="checkbox"/>	
Non-sparking materials	<input type="checkbox"/>	<input type="checkbox"/>	
Weatherproof / dust-proof construction	<input type="checkbox"/>	<input type="checkbox"/>	
Chassis load rating appropriate	<input type="checkbox"/>	<input type="checkbox"/>	
All hatches/valves fully functional	<input type="checkbox"/>	<input type="checkbox"/>	

#### C. ELECTRICAL SAFETY

Requirement	Yes	No	Remarks
ATEX / intrinsically safe components	<input type="checkbox"/>	<input type="checkbox"/>	
Wiring properly shielded	<input type="checkbox"/>	<input type="checkbox"/>	
Working grounding & bonding system	<input type="checkbox"/>	<input type="checkbox"/>	
Static straps functional	<input type="checkbox"/>	<input type="checkbox"/>	

#### D. FIRE SAFETY

Requirement	Yes	No	Remarks
Automatic fire suppression system	<input type="checkbox"/>	<input type="checkbox"/>	
2 x 9kg DCP extinguishers available	<input type="checkbox"/>	<input type="checkbox"/>	

#### E. MIXING SYSTEM



**4. Technical & Operational Capability:**

- Must own or have access to mining machinery and equipment suitable for the scale of operations.
- Must have a qualified team including mining engineers and safety officers.

**5. Financial Capacity:**

- Demonstrate minimum net worth or equivalent financial resources.
- Provide audited financial statements for the last 3 years.

**6. Regulatory Compliance:**

- No history of legal violations related to mining, environment, or labor laws.
- Submit proof of environmental and safety compliance for past projects.

**Submission Requirement:**

- Only companies fulfilling **all mandatory criteria** will be shortlisted.

(3) The organogram of the blasting company shall be as follows:"

List of Explosive Materials

**A**

- Acetylides of heavy metals.
- Aluminum containing polymeric propellant.
- Aluminum ophorite explosive.
- Amatex.
- Amatol.
- Ammonal.
- Ammonium nitrate explosive mixtures (cap sensitive).
- \* Ammonium nitrate explosive mixtures (non-cap sensitive).
- Ammonium perchlorate having particle size less than 15 microns.
- Ammonium perchlorate explosive mixtures (excluding ammonium perchlorate composite propellant (APCP)).
- Ammonium picrate [picrate of ammonia, Explosive D].
- Ammonium salt lattice with isomorphously substituted inorganic salts.
- \* ANFO [ammonium nitrate-fuel oil].
- Aromatic nitro-compound explosive mixtures.
- Azide explosives.

**B**

- Baranol.
- Baratol.
- BEAF [1, 2-bis (2, 2-difluoro-2-nitroacetoxyethane)].
- Black powder.

Black powder based explosive mixtures.

\* Blasting agents, nitro-carbo-nitrates, including non-cap sensitive slurry and water gel explosives.

Blasting caps.

Blasting gelatin.

Blasting powder.

BTNEC [bis (trinitroethyl) carbonate].

BTNEN [bis (trinitroethyl) nitramine].

BTTN [1,2,4 butanetriol trinitrate].

Bulk salutes.

Butyl tetryl.

## C

Calcium nitrate explosive mixture.

Cellulose hexanitrate explosive mixture.

Chlorate explosive mixtures.

Composition A and variations.

Composition B and variations.

Composition C and variations.

Copper acetylide.

Cyanuric triazide.

Cyclonite [RDX].

Cyclotetramethylenetetranitramine [HMX].

Cyclotol.

Cyclotrimethylenetrinitramine [RDX].

## D

DATB [diaminotrinitrobenzene].

DDNP [diazodinitrophenol].

DEGDN [diethyleneglycol dinitrate].

Detonating cord.

Detonators.

Dimethylol dimethyl methane dinitrate composition.

Dinitroethyleneurea.

Dinitroglycerine [glycerol dinitrate].

Dinitrophenol.

Dinitrophenolates.

Dinitrophenyl hydrazine.

Dinitroresorcinol.

Dinitrotoluene-sodium nitrate explosive mixtures.

DIPAM [dipicramide; diaminohexanitrobiphenyl].

Dipicryl sulfone.

Dipicrylamine.

Display fireworks.

DNPA [2,2-dinitropropyl acrylate].

DNPD [dinitropentano nitrile].

Dynamite.

## E

EDDN [ethylene diamine dinitrate].

EDNA [ethylenedinitramine].

Ednatol.

EDNP [ethyl 4,4-dinitropentanoate].

EGDN [ethylene glycol dinitrate].

Erythritol tetranitrate explosives.

Esters of nitro-substituted alcohols.  
Ethyl-tetryl.  
Explosive conitrates.  
Explosive gelatins.  
Explosive liquids.  
Explosive mixtures containing oxygenreleasing inorganic salts and hydrocarbons.  
Explosive mixtures containing oxygenreleasing inorganic salts and nitro bodies.  
Explosive mixtures containing oxygenreleasing inorganic salts and water insoluble fuels.<sup>10</sup>  
Explosive mixtures containing oxygenreleasing inorganic salts and water soluble fuels.  
Explosive mixtures containing sensitized nitromethane.  
Explosive mixtures containing tetranitromethane (nitroform).  
Explosive nitro compounds of aromatic hydrocarbons.  
Explosive organic nitrate mixtures.  
Explosive powders.

## **F**

Flash powder.  
Fulminate of mercury.  
Fulminate of silver.  
Fulminating gold.  
Fulminating mercury.  
Fulminating platinum.  
Fulminating silver.

## **G**

Gelatinized nitrocellulose.  
Gem-dinitro aliphatic explosive mixtures.  
Guanyl nitrosamino guanyl tetrazene.  
Guanyl nitrosamino guanylidene hydrazine.  
Guncotton.

## **H**

Heavy metal azides.  
Hexanite.  
Hexanitrodiphenylamine.  
Hexanitrostilbene.  
Hexogen [RDX].  
Hexogene or octogene and a nitrated Nmethylaniline.  
Hexolites.  
HMTD [hexamethylenetriperoxidediamine].  
HMX [cyclo-1,3,5,7-tetramethylene 2,4,6,8-tetranitramine; Octogen].  
Hydrazinium nitrate/hydrazine/aluminum explosive system.  
Hydrazoic acid.

## **I**

Igniter cord.  
Igniters.  
Initiating tube systems.

## **K**

KDNBF [potassium dinitrobenzo-furoxane].

## **L**

Lead azide.  
Lead mannite.  
Lead mononitroresorcinate.  
Lead picrate.  
Lead salts, explosive.

Lead styphnate [styphnate of lead, lead trinitroresorcinate].  
Liquid nitrated polyol and trimethylolethane.  
Liquid oxygen explosives.

## **M**

Magnesium ophorite explosives.  
Mannitol hexanitrate.  
MDNP [methyl 4,4-dinitropentanoate].  
MEAN [monoethanolamine nitrate].  
Mercuric fulminate.  
Mercury oxalate.  
Mercury tartrate.  
Metriol trinitrate.

## **P**

Picric acid (manufactured as an explosive).  
Picryl chloride.  
Picryl fluoride.  
PLX [95% nitromethane, 5% ethylenediamine].  
Polynitro aliphatic compounds.  
Polyolpolynitrate-nitrocellulose explosive gels.  
Potassium chlorate and lead sulfocyanate explosive.  
Potassium nitrate explosive mixtures.  
Potassium nitroaminotetrazole.  
Pyrotechnic compositions.  
PYX [2,6-bis(picrylamino)] 3,5-dinitropyridine.

## **R**

RDX [cyclonite, hexogen, T4, cyclo-1,3,5,-trimethylene-2,4,6,-trinitramine; hexahydro-1,3,5-trinitro-S-triazine].

## **S**

Safety fuse.  
Salts of organic amino sulfonic acid explosive mixture.  
Salutes (bulk).  
Silver acetylde.  
Silver azide.  
Silver fulminate.  
Silver oxalate explosive mixtures.  
Silver styphnate.  
Silver tartrate explosive mixtures.  
Silver tetrazene.  
Slurried explosive mixtures of water, inorganic oxidizing salt, gelling agent, fuel, and sensitizer (cap sensitive).  
Smokeless powder.  
Sodatol.  
Sodium amatol.  
Sodium azide explosive mixture.  
Sodium dinitro-ortho-cresolate.  
Sodium nitrate explosive mixtures.  
Sodium nitrate-potassium nitrate explosive mixture.  
Sodium picramate.  
Special fireworks.  
Squibs.  
Styphnic acid explosives.

## **T**

Tacot [tetranitro-2,3,5,6-dibenzo-1,3a,4,6a tetrazapentalene].  
TATB [triaminotrinitrobenzene].  
TATP [triacetonetriperoxide].  
TEGDN [triethylene glycol dinitrate].  
Tetranitrocarbazole.  
Tetrazene [tetracene, tetrazine, 1(5-tetrazolyl)-4-guanyl tetrazene hydrate].  
Tetrazole explosives.  
Tetryl [2,4,6 tetranitro-N-methylaniline].  
Tetrytol.  
Thickened inorganic oxidizer salt slurried explosive mixture.  
TMETN [trimethylolethane trinitrate].  
TNEF [trinitroethyl formal].  
TNEOC [trinitroethylorthocarbonate].  
TNEOF [trinitroethylorthoformate].  
TNT [trinitrotoluene, trotyl, trilitite, triton].  
Torpex.  
Tridite.  
Trimethylol ethyl methane trinitrate composition.  
Trimethylolthane trinitrate-nitrocellulose.  
Trimonite.  
Trinitroanisole.  
Trinitrobenzene.  
Trinitrobenzoic acid.  
Trinitrocresol.  
Trinitro-meta-cresol.  
Trinitronaphthalene.  
Trinitrophenetol.  
Trinitrophenol.  
Trinitrophenetol.  
Trinitrophenol.  
Trinitroresorcinol.  
Tritonal.  
**U**  
Urea nitrate.  
**W**  
Water-bearing explosives having salts of oxidizing acids and nitrogen bases, sulfates, or sulfamates (cap sensitive).  
Water-in-oil emulsion explosive compositions.  
**X**  
Xanthomonas hydrophilic colloid explosive mixture.”.

---

[F.No. ]

( )