

2021-2022



Petroleum & Explosives Safety Organisation



*O/o Chief Controller of Explosives,
A-Block, 5th Floor, CGO Complex,
Seminary Hills, Nagpur-440 006.*

Website: <http://peso.gov.in>

INTRODUCTION

The Petroleum and Explosives Safety Organisation (PESO), formerly known as Department of Explosives, since its inception on 09/09/1898, has been serving the nation as a nodal agency for regulating safety of hazardous substances such as explosives, compressed gases and petroleum. The organisation has earned rare distinction as an institution of excellence in matters related to safety in manufacturing/refining, storage, transportation, handling and use of hazardous substances for over a century. Apart from the normal functions of enforcement of statutory safety regulations to safeguard public safety, life, property and environment, the organisation has rendered meritorious voluntary services in examination and disposal of explosives, improvised explosives devices till late eighties of the last century, some of which were of national importance encountered during freedom struggle of the country, terrorist activities in different regions in the country. Till early nineties of the last century, the officers of the organisation were carrying out anti-sabotage checks and duties related to VVIP security, Airport Security etc. The organisation has creditably rendered training to Police, Security and Intelligence personnel in detection, examination and disposal of explosives/explosive devices in a safe manner, as there was no other agency in the country to impart such trainings. The activities of the organisation, over the years has increased exponentially and expanded in diverse fields. Today the organisation deals with wide range of subjects related to explosives, petroleum, compressed gases, pressure vessels, gas cylinders, cross-country pipelines, LNG, CNG, Auto LPG, CBG, Ammonium Nitrate, flame proof electrical fittings etc.

The organisation, although small in size, compared to many other Government organizations with an existing strength of only **111** officers out of sanctioned strength of **137 officers**, is the only organisation of its kind directly overseeing the safety requirements for over **3. 65 lakhs** hazardous units and offering expert technical and safety guidance to numerous industries and user companies, including Ministries of Defence, Railways, Shipping, Surface Transport, Environment & Forests, Civil Aviation and establishments of Atomic Energy and Space Research.

Initially, the activities of the organisation were confined to enforcement of Explosives Act (5 of 1884) involving inspection of explosives manufacturing factories, explosives storage magazines and investigation of accidents related to manufacture, storage and transportation of

explosives. Subsequently, enforcement of Petroleum Act (8 of 1899) & Petroleum Rules which came in force on 17.02.1899 and Carbide of Calcium Rules, 1987 framed under the said Act were also entrusted to the organisation. However, owing to different sets of provincial regulations prevailing in different provinces at that time, an impasse was created in effective administration of the Petroleum Act and Rules, Ammonium Nitrate.

With a view to thrash out the impasse and bring uniformity in the system, the Chief Inspector of Explosives started an endeavour to frame a set of rules for all states allowing variations essential for local conditions. Finally, the Petroleum Act, 1934 was promulgated in supersession of all earlier Regulations and the Petroleum Rules, 1937 came into force with effect from 30.03.1937 replacing the earlier Central and Provincial Rules. The consolidated Carbide of Calcium Rules came into force with effect from 18.02.1987. After independence, though hazardous but useful materials like explosives, petroleum etc. found place in the Union List of the Constitution of India. Subsequently, the Petroleum Rules, 1937 were overhauled comprehensively and replaced by Petroleum Rules, 1976. The Petroleum Rules, 1976 were further reviewed and overhauled in view of changed scenario and also report of the Rajya Sabha Committee for Sub-ordinate Legislation and new rules Petroleum Rules, 2002 were brought into force with effect from 13/03/2002. Later on amendments have been done in order to simplify the said rules and implement them effectively.

During the course of time, similarly there were several revisions and amendments in the Explosives Act and Rules. The earlier Explosives Rules, 1918 were replaced by Explosives Rules, 1940, which were again overhauled and replaced by the Explosives Rules, 1983, which have been again thoroughly reviewed and present Explosives Rules, 2008 have been brought in force since 29/12/2008. In order to make the said rules more effective, the rules are amended again.

In order to control the misuse of Ammonium Nitrate and regulate its production & use in explosives manufacturing industries and in mining industry the Ammonium Nitrate Rules were framed under the Explosives Act, 1884 and came into force on 11/07/2012.

Inflammable Substance Act, 1952 came into force from 1952. The Gas Cylinder Rules which were originally framed in the year 1940 were replaced by comprehensive Gas Cylinder Rules, 1981. These rules were reviewed due to liberalized policy of Government of India and were simplified and replaced by new Gas Cylinder Rules, 2004 with effect from 21/08/2004. These rules were reviewed, simplified and replaced by Gas Cylinder Rules, 2016 with effect from 22/11/2016. CNG & CBG has been included in the said rules as per present requirements.

These rules were again amended by new Gas Cylinder Rules, 2018 with effect from 15/03/2018. In order to make the said rules more effective, the rules are amended again.

The Static and Mobile Pressure Vessels (Unfired) Rules, 1981 were for the first time brought in force in the country to cover safety in storage and transportation of bulk compressed gases in unfired pressure vessels. These rules have been appropriately amended to cover new fields like cryogenic liquids, Auto LPG Dispensing Stations etc and replaced by new Static and Mobile Pressure Vessels (Unfired) Rules, 2016 with effect from 01/12/2016. In order to include LNG and to make the said rules more effective, the rules are again being amended.

Due to the complexity of functions and increased responsibility in implementing safety regulations over the entire length and breadth of the country, the organisation has modernized its working procedures making use of latest tools of information technology. Consequently, all the offices of the organisation have been networked through the central server installed at Nagpur, the data base of the organisation has been digitized and access to the data has been made available to the public through internet. The members of the public can now have access to the status of their applications by visiting the organisation's website (www.peso.gov.in). In order to provide hassle free services to the existing licence holders and new applicants the organisation has provided public portal to the public for submission of various applications on line in complete paperless and faceless manner. The aim of the organisation is to take benefit of modern work procedures, technology and upgraded manpower quality by imparting continuous training to officers and staff for turning itself into an Institute of Excellence. The reputation earned by this organisation over the century is reflected by confidence shown by all related industries, various government departments/organisations and autonomous bodies in seeking advice and guidance in the matters relating to handling of hazardous substances.

With efficient technical work force, congenial working conditions, proactive transparent approach, up-gradation of knowledge base, deployment of best IT techniques and over all traditional dedication towards safety, the organisation is poised to scale new heights of excellence in the years to come.

P. Kumar
Chief Controller of Explosives

BASIC ROLE AND FUNCTIONS OF THE ORGANIZATION

With an overall objective to ensure safety and security of public and property from fire and explosion, the organization as a statutory authority is entrusted with the responsibilities under Explosives Act, 1884; Petroleum Act, 1934; Inflammable Substances Act, 1952, Environment (Protection Act), 1986 and the following rules framed under these Acts;

EXPLOSIVES ACT, 1884

1. Explosives Rules, 2008
2. Ammonium Nitrate Rules, 2012
3. Gas Cylinder Rules, 2016
4. Static & Mobile Pressure Vessels (Unfired) Rules, 2016

PETROLEUM ACT, 1934

1. Petroleum Rules, 2002
2. Calcium Carbide Rules, 1987
3. Cinematography Film Rules, 1948 (These rules have become obsolete and are to be repealed)

The organisation is basically entrusted with two types of major roles viz. Statutory Role and Advisory Role. The activities of the organization in brief under the said roles are described below: -

2.1 STATUTORY ROLE

The Statutory role of the organisation under different Acts and Rules is as follows:

2.1.1 EXPLOSIVES RULES, 2008

The major work under Explosives Rules, 2008 relates to approval of site layout & construction plans of the premises, grant of licences for manufacture, storage, transport and import/export of explosives. Apart from this authorization of explosives, approval for packages box for packing of explosives, approval of fabrication of portable magazines, Bulk Mix Delivery vehicles, prescribing safe procedures and methods for

manufacture of various types of explosives including the tools, equipments and machineries etc. are other activities of the organisation under Explosives Rules. The organization carries out investigation of accidents involving explosives and also undertakes destruction of unserviceable/seized explosives in the interest of safety and security of public and property.

The organization carries out inspection and safety audit of the new premises for verification/endorsement of the premises after grant of licenses/approvals and also conducts periodic inspections of the licensed/approved premises.

2.1.2 AMMONIUM NITRATE RULES, 2012

The Central Government specified “Ammonium Nitrate or a combination” as special category explosive substances under Explosives Substance Act, 1908 on 10th December, 2008 under vide notification number S.O.2899 (E). Further, Central Government vide notification number S.O.1678 (E) dated 21st July 2011 declared Ammonium Nitrate having the chemical formula NH_4NO_3 or any combination containing more than 45% of Ammonium Nitrate by weight including emulsions, suspension, melts or gels (with or without inorganic nitrates) shall be deemed to be an explosives within the meaning of Explosives Act, 1884 .

In order to control over manufacture, conversion, stevedoring and bagging, import, export, transport, possession for sale or use of Ammonium Nitrate, Central Government vide notification No G.S.R.553(E) dated 11th July 2012 published Ammonium Nitrate Rules, 2012 framed under Explosives Act, 1884.

The major work under Ammonium Nitrate Rules, 2012 relates to approval of site layout, construction plans of the premises, grant of licences for manufacture, possession for sale or use of Ammonium Nitrate or conversion of melt to solid and vice-versa, Stevedoring & bagging of Ammonium Nitrate, storage of Ammonium Nitrate, transport of Ammonium Nitrate and licence for Import and Export of Ammonium Nitrate.

The organization carries out investigation of accidents involving ammonium nitrate and also undertakes destruction of unserviceable/seized ammonium nitrate in the interest of safety and security of public and property.

2.1.3 GAS CYLINDER RULES, 2016

Gas Cylinders Rules were first published in 1940 after Govt. of India Notification No. M-1272 (1), dated 28th September 1938 declaring 'any gas when contained in any metal container in a compressed or liquefied state' to be an explosive within the meaning of Explosives Act, 1884. The above rules were later replaced by the Gas Cylinders Rules, 1981, after a comprehensive review in the light of the development of the gas industry after independence. The last two decades of the 20th, century witnessed massive expansion in the gas and related industries triggered by economical liberalization and globalization, use of LPG as industrial and domestic fuel, introduction of CNG and LPG as environment friendly automotive fuels, entry of new technologies, etc. necessiated another round of review and brought out the Gas Cylinders Rules, 2004. These rules were again reviewed due to liberalized policy of Government of India, were simplified and replaced by new Gas Cylinder Rules, 2016 with effect from 22/11/2016. CNG & CBG have been amended in the said rules as per present requirements.

The major activities covered under these rules include grant of approval for cylinders, valves & LPG regulators manufacturing units etc, as well as approval of designs of these equipments. Grant of licences for gas cylinder filling plants, CNG fueling stations, filled cylinder storage premises and import of cylinders/valves are other important activities under the rules. Apart from this grant of permission for filling of cylinders, recognition of cylinder testing stations etc are activities imparted by the organisation. This organization also plays a crucial role in the formulation of standards for cylinders, valves, regulators, etc. The organization regularly undertakes safety audits of gas cylinder filling plants; CNG fueling stations, cylinder, valve and regulator manufacturing units, etc. approved/licensed premises under the aforesaid rules to ensure the compliance of the rules and also to inculcate safety awareness.

Salient features of Gas Cylinders Rules, 2016 with respect to deregulation and simplification of rules-

- a) Enhancement of the scope of the Gas Cylinders Rules to cover special containers up to 2500 liters water capacity and composite cylinders made of non-metallic materials.
- b) Enhancement of the exemption limit of possession of gas filled cylinders without licence and periods for which a licence can be granted and renewed.

- c) The requirement of prior approval of specification and plans for setting up of cylinder filling plants, conversion of cylinders from one gas service to another & filling of cylinders between the hours of sunset to sunrise in respect of non-toxic non-flammable gases.
- d) Simplification of the procedure for transfer of a licence in case of change of ownership or death of the licensee.

2.1.4 STATIC & MOBILE PRESSURE VESSELS (UNFIRED) RULES, 2016

The functions of the organization relating to administration of these rules covers grant of approval for pressure vessels/safety fittings fabrication shops and their designs, licenses for storage of compressed gas installations and for transport of compressed gas in vessels by road, permission for import of vessels, grant of recognition of inspecting agencies/competent persons to carry out inspection and certification during manufacture/repair of vessels and final testing as well as periodic testing thereof.

The organization carries out inspection and safety audit of the new premises for verification/endorsement at the time of grant of licenses/approvals and also periodic inspections. The above functions also include review of safety audit, periodic tests reports and performance of vessel fabricators and certifying agencies.

2.1.5 PETROLEUM RULES, 2002

Petroleum has been defined under the Act and Rules as liquid hydrocarbon or a mixture of liquid hydrocarbons and any inflammable mixture containing liquid hydrocarbons. The work relating to administration of these rules covers approval of Refineries, Petrochemicals/Oil & Gas Processing Plants, transport of petroleum by land and pipeline, Flameproof and other suitably protected electrical apparatus and other safety equipments for use in areas laden with flammable gases and vapours, licensing of petroleum dispensing/service station, petroleum storage installations, tank trucks for transportation of petroleum by road, aircraft/heavy machinery refueller and also issuance of Certificate of Gas Free in respect of Vessels/Ships carrying petroleum for dock entry, man entry and hot work. Later on amendments have been done in order to simplify the said rules and implement them effectively.

The organization carries out safety audits of these premises to ensure compliance of rules and safety measures.

2.1.6 CALCIUM CARBIDE RULES, 1987

Calcium Carbide has been declared as inflammable substance under the Inflammable Substances Act and the safety provisions of Petroleum Act has been made applicable to it. Calcium Carbide in contact with moisture generates acetylene gas, which has wider range of explosives limits. Approval of receptacles for packing Calcium Carbide and issue of licences for storage of calcium carbide either for sale or for generation of acetylene are the functions entrusted to the organization under these rules.

2.1.7 CINEMATOGRAPHY FILM RULES, 1948:

Storage and transport of Cinematographic Films having Nitrocellulose base, pose potential mass fire hazard. The storage and transport of such films are governed under these rules and issue of licences for storage of films is entrusted to the organization under this rules. The Nitrocellulose based films now have been replaced by safety films (Polyester Based). These rules have therefore become redundant and recommended for repeal.

2.2 ADVISORY ROLE

With the expertise in specialized technical and safety aspects to prevent fire and explosions of explosives, petroleum, carbide of calcium, gas cylinders, pressure vessels and other hazardous substances, the organization renders advice whenever requested, not only to the industry but also to the government and other bodies like Ports, Railways, Defence Establishments, and Ministries of Surface Transport, Environment & Forests, Petroleum & Natural Gas, Pollution Control Authorities etc. The organization plays important role in formulation of related BIS standards, Port by-laws, Indian Red Tariff and Regulations pertaining to transportation of hazardous goods by rail, road, sea and air.

The Chief Controller of Explosives is the member of the Central Crisis Group constituted by the Ministry of Environment & Forests and other officers also represent at State level and District level Crisis Management Groups.

ACTIVITIES OF THE ORGANIZATION IN BRIEF

3.1 Scrutiny and appraisal of site layouts and construction plans for;

- Explosives manufacturing factories
- Explosives storage premises
- Ammonium nitrate premises
- Fireworks manufacturing factories
- Fireworks magazines/store houses and shops
- Manufacture of explosives at site in Bulk Mixing and Delivery [BMD] Vehicles.
- Gas cylinder filling plants
- CNG dispensing Stations
- Storage Sheds for filled gas cylinders
- Bulk Storage installations for compressed gases in pressure vessels
- Auto LPG dispensing stations
- Petroleum storage installations
- Petroleum storage sheds
- Petroleum tank trucks for transportation of petroleum
- Petroleum cross-country pipelines for transportation of petroleum and gas
- Petroleum Service Stations.
- Calcium Carbide storage premises.

3.2 Scrutiny and appraisal of proposals for approval of design and construction of explosives vans, Bulk Mixing and Delivery vehicles (BMD) for site manufacture of explosives, vehicles for transport of bulk compressed gases/cryogenic liquids in pressure vessels, petroleum containers and tank trucks including its safety fittings.

3.3 Licensing of the premises/units/vehicles referred to under 3.1 & 3.2 above.

3.4 Scrutiny and appraisal of layout etc. of Petroleum Refineries, Petrochemical units, Calcium Carbide premises and Acetylene Gas generating plants for grant of approval thereof.

3.5 Scrutiny and appraisal of proposals of design, construction, laying and operation of pipelines for transport of liquid hydrocarbons as well as other flammable gases/hazardous chemicals grant of approval thereof.

3.6 Scrutiny and appraisal of proposals of designs of pressure vessels and their fittings both manufactured in India and imported for grant of approval thereof.

- 3.7** Scrutiny and appraisal of proposals of design of Gas Cylinders and valves fitted there to manufactured in India and imported for grant of approval thereof including LPG cylinder Regulator.
- 3.8** Scrutiny and appraisal of proposals of flameproof, intrinsically safe and special electrical equipments suitable for use in hazardous areas laden with flammable gases/vapors, both manufactured indigenously and also imported for grant of approval thereof.
- 3.9** Scrutiny and appraisal of proposals of factories fabricating pressure vessels and its fittings for grant of approval thereof.
- 3.10** Scrutiny and appraisal of proposals of testing stations for periodic examination and testing of cylinders for grant of recognition to the cylinder testing station.
- 3.11** Recognition of competent persons and inspectors under various Rules.
- 3.12** Issue of shot firer's permit & foreman's certificate.
- 3.13** Regular safety audit of the units mentioned above.
- 3.14** Destruction of deteriorated and unclaimed/unserviceable/seized explosives.
- 3.15** Examination of petroleum tanks in sea going vessels/ships for issuing gas free certificates for allowing hot work, entry of man in such tanks and entry of such vessels in docks.
- 3.16** Technical investigation of accidents related to the substances coming under the purview of the Acts and Rules administered by the organization for ascertaining causes of accident and violations.
- 3.17** Scrutiny and appraisal of proposals to import, export and transport explosives for grant of licence thereof.
- 3.18** Authorization of new explosives after mandatory tests and trials.
- 3.19** Grant of permission for filling/use of gas cylinders imported from abroad and manufactured in India.
- 3.20** Grant of licence/permit for import of cylinders & pressure vessels.
- 3.21** Scrutiny of periodic returns under various Rules.
- 3.22** Review & amendment of rules and grant of exemption/relaxation wherever necessary in Public interest.
- 3.23** Providing technical inputs on request to Port, Airport and Railway/authorities on –
- Classification of hazardous substances;
 - Packing and determination of conditions for storage/transport of dangerous substances;
 - Siting and layout of facilities for the loading/unloading and transit storage of explosives, flammable and other dangerous substances.
- 3.24** Examination/testing of explosives/hazardous substances for classification of hazard.

- 3.25** Providing technical support to the Central and State Governments, Industries and various organizations on matters relating to the handling of explosives, flammable and other dangerous substances, and the requirements of the Acts and Rules referred to above whenever asked.
- 3.26** Participation as Chairman or member in various committees appointed by the Ministry of Defence, Bureau of Indian Standards and other Ministries and Departments.
- 3.27** Participation in symposiums, seminars, workshops organized by various organizations relating to safety in handling of hazardous chemicals, petroleum products, explosives and compressed gases.

3.3 HIGHLIGHTS OF THE YEAR:

Ministry of Commerce and Industry, Department for Promotion of Industry & Internal Trade vide letter no. P-13011/16/2021- Explosives dated 30.07.2021-approved upgradation of PESO's 4 sub-circle offices- Hyderabad, Guwahati, Vadodara and Bhopal offices to Circle offices alongwith requisite strength of manpower.

ADMINISTRATION, BUDGET AND INFRASTRUCTURE

4.1 STRENGTH AND INFRASTRUCTURE

The sanctioned strength of the organization at present is **137 Group ‘A’ officers and 343 Group ‘B’ and ‘C’ officials**. Out of the above, **26 posts** of Group ‘A’ and **107** Group ‘B’ and ‘C’ officials are lying vacant due to various administrative procedures and reasons.

Ministry of Commerce and Industry, Department for Promotion of Industry & Internal Trade vide letter no. P-13011/16/2021-Explosives dated 30.07.2021, approved upgradation of PESO’s 4 sub-circle offices- Hyderabad, Guwahati, Vadodara and Bhopal offices to Circle offices alongwith strength.

The Petroleum and Explosives Safety Organization (PESO) is headed by the Chief Controller of Explosives with its headquarter at Nagpur and as per above, now there are **9** Circle Offices located at Mumbai, Chennai, Kolkata, Faridabad, Agra, Hyderabad, Bhopal, Vadodara and Guwahati, each is headed by the Jt. Chief Controller of Explosives. The organization has **9** Sub-Circle Offices under various Circle Offices, are headed by the Dy. Chief Controller of Explosives and **5** Sub-Circle offices under various Circle Offices are headed by the Controller of Explosives. The National Academy of Petroleum and Explosives & Departmental Testing Station (NAPES & DTS) situated at Gondkhairi, Nagpur is headed by Dy. Chief Controller of Explosives and Fireworks Reaserch and Development Centre (FRDC) situated at Sivakasi (Tamilnadu) is headed by Controller of Explosives. The organizational set up and jurisdiction of various circle and sub circle offices is summarized in annexure-I and II respectively.

4.2 BUDGET & EXPENDITURE

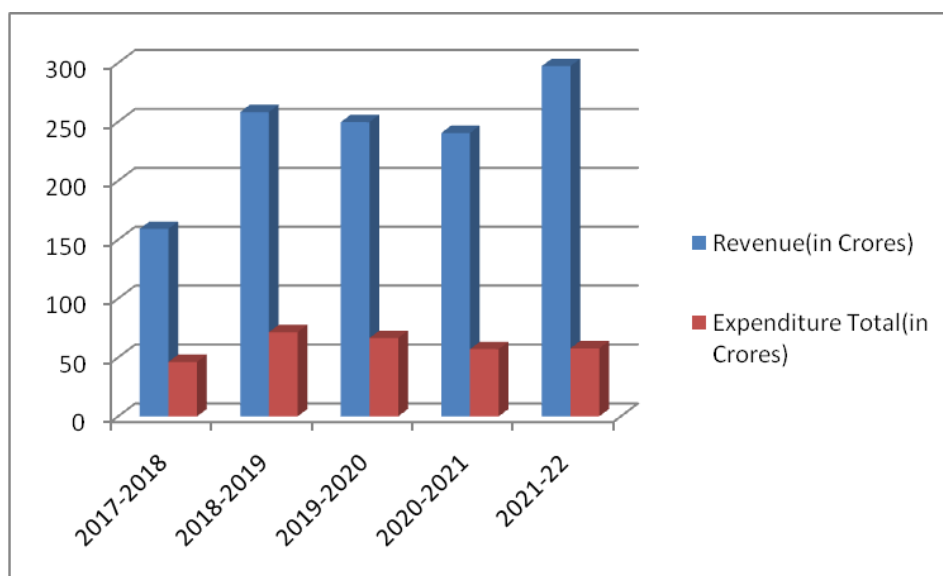
During the year 2021-22 (R.E. Final), budget granted for establishment was **Rs. 58,42,17000/-** and upgradation of organization was **Rs. 2,40,00000/-** During the year, the expenditure for establishment was **Rs 57,14,63,308/-** and upgradation of organization was **Rs.63,60,643/-**

4.3 REVENUE

During the year 2021-22, the organization earned revenue of **Rs. 2,97,29,77772/-** on account of fees for the services rendered under various acts and rules which includes **Rs. 1,16,85,17395/-** under Explosives Act and **Rs.1,80,44,60,377** under Petroleum Act.

The Organisation has always been in revenue surplus. The trend of growth in revenue and expenditure of the Organisation for the last five years is shown as below:

Year	Revenue(in Crores)	Expenditure Total(in Crores)
2017-2018	159.14	46.18
2018-2019	258.28	71.44
2019-2020	249.72	66.46
2020-2021	240.53	57.00
2021-2022	297.30	57.78



NATIONAL ACADEMY FOR PETROLEUM AND EXPLOSIVES AND DEPARTMENTAL TESTING STATION (NAPES & DTS) & FIREWORKS RESEARCH AND DEVELOPMENT CENTRE (FRDC)

5.1 NAPES & DTS

(1) INTRODUCTION

Erstwhile Departmental Testing Station of the Petroleum and Explosives Safety Organization has been set-up for carrying out necessary statutory tests for administration of Explosives Act, 1884 and Petroleum act, 1934 and Rules framed there under. Subsequently, on 13th June, 2017, National Academy for Petroleum & Explosives Safety & Testing Station was created by Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry New Delhi. It functions under the overall guidance and control of Chief Controller of Explosives, Nagpur.

(2) ROLE AND FUNCTION OF NAPES & TS:-

(a) Statutory Tests:-

Statutory tests for implementation of Explosives Act, 1884 and Petroleum Act 1934 are carried out as below:

Sr. No.	Rules	Purpose of Test
	Explosives Rules 2008 (Rule 6 and 39)	<ul style="list-style-type: none"> - authorization of new explosive compositions, - subsequent tests for deciding about deletion or otherwise from list of explosives - Testing for approval of packages of explosives, and annual quality control testing.
	Petroleum Rule, 2002 (Rule 63 and 4)	<ul style="list-style-type: none"> - approval of design of safety fittings of petroleum tank lorry, - Subsequent test for deciding revalidation of manufacturing approval, - Approval of metal containers/barrels of Petroleum.

(b) Inspection of licensed and other premises under Explosives Act and Petroleum Act and the rules administered under said acts in the District of Amravati and Nagpur.

(c) To impart training to PESO Officers and stakeholders.

(ii) TESTING OF SAMPLES BY NAPES & TS

(a) Gas Free Certificate:- Nil

(b) No. of samples tested for issuance of certificate in form CE-1 under ER- 2008
PETN - 1987 Batches

(c) Testing under Explosives Rule-2008 & Petroleum Rules-2002

1) Testing of Explosives:-

i) Explosives Class 1 (Gun Powder) - 04

ii)	Explosives Class 2	-	144
iii)	Explosives Class 3 Div 2	-	21
iv)	Explosives Class 6 Div 1 (Safety Fuse)	-	02
v)	Explosives Class 6 Div 2 (Detonating Fuse)	-	28
v)	Explosives Class 6 Div 2 (Shock Tube)	-	01
vi)	Explosives Class 6 Div 3 (Detonators)	-	217
vii)	Explosives Class 7 (Fire Works)	-	122
viii)	Explosives Class 7 (Fire Works)	-	05
ix)	TNT	-	00
(iii)	Testing of packages of Explosives and Fireworks-		
	i) Samples for new approval	-	57
	ii) Samples drawn by circle/sub circle offices	-	62
(iv)	Safety Fittings	-	05
	Containers / Barrel		
(v)	UN Classification Test	-	02
(vi)	Shot Firer's		
	Certificates Granted	--	16 Nos.
(vii)	Police Exhibit Cases:-		
	Received cases	-	4
	Attended cases	-	4

(1) Meetings, Seminars, Lectures, Training Programmes and Workshop Conducted :

1.(a) Training Program/Seminars and Workshop Conducted :-

Sr. no.	Name of Program	Date	No. of Participants	Remarks (4-5 lines about usefulness of the training programme)
1.	Training for personnel aspiring to obtain recognition as Competent Person and inspector as per SMPV(U) Rules 2016.	05.04.2021 to 15.04.2021	65	Benefited the Program to all the persons who attended the program.
2.	Capacity Building Training Course covering Welding Engineering related to Pressure vessels, Quality control, Inspection and Testing of Pressure Vessels and Non Destructive Testing of Pressure vessels as per SMPV(U) Rules 2016 for Controller and Dy. Controller of Explosives.	28.04.2021 to 30.04.2021	70	It helps to enhance Knowledge of all the officers who attended it. Improve the individual's level of awareness
3.	Training program for Drivers, Supervisors/Technical persons for safe handling (loading/unloading) and Transportation of Cryogenic liquids	25.05.2021	55	It benefited to all the participants during COVID period.
4.	Workshop on the technical possibilities of enhancing Liquid Oxygen (LOX) production in existing manufacturing plants in association with RIL, Linde and	10.06.2021	45	It benefited to all the participants during COVID period. Achieved Higher Capacity for the Adoption of New Methods and

	AIIGMA			Technologies.
5.	Training to Drivers on safe Handling and Transportation of Explosives and related Rules.	25.06.2022	75	Improve their performance and make them work more efficiently and effectively.
6.	Training program from 11.10.2021 to 14.10.2021 for Fireworks Stakeholders-	11.10.2021 to 14.10.2021	25	Upgraded their skills in manufacturing of fireworks with special emphasis on safety precautions to be taken during manufacture.
7.	Preparatory training for person desiring to seek competency under Petroleum Rules 2002 and covering all the provision, conditions of the Petroleum Act, 1934 and Rules framed therein.	12.11.2021	334	Benefited the Program to all the persons who attended the program.
8.	Preparatory training for person desiring to seek competency under SMPV (U) Rules 2016 and covering all the provision, conditions Static & Mobile Pressure Vessels (Unfired) Rules, 2016	13.11.2021	334	Benefited the Program to all the persons who attended the program.
9.	Preparatory training for person desiring to seek under SMPV (U) Rules 2016.	20.01.2022	61	Benefited the Program to all the persons who attended the program.
10.	Preparatory training for person desiring to seek competency under Petroleum Rules 2002	21.01.2022	58	Benefited the Program to all the persons who attended the program.
11.	Training for Existing competent persons and aspiring candidate on , Ergonomics and Human Machine Interface(HMI), Ergonomics and implementing Ergonomics Solutions for decreasing accidents in industry	17.02.2022	58	Benefited the Program to all the persons who attended the program. Increase Job Satisfaction and Morale
12.	Safety during manufacturing of PETN, Cast booster/ cast emulsion, gun powder, micro Cord and safety fuse.	18.02.2022	52	Benefited the Program to all the persons who attended the program. Companies Keep Pace With Changes in the Industry.

1.(b) Lecture delivered at National Academy for Petroleum and Explosives Safety by PESO Officers:-

S r. n o.	Topic	Date and time	Speakers
1.	Inaugural address by Chief Guest and briefing of safety of fireworks on festive seasons to Representatives from TANFAMA, TIFMA, Fireworks Manufacture Association (North India) & Pan India Fireworks Dealer's Association.	11.10.2021, 3.10 pm to 3.30 pm	Shri P. Kumar Chief Controller of Explosives, Petroleum and Explosives Safety Organization (PESO)
2.	Sharing of Contents through Web-ex app "Safety aspects for technical persons working at supervisory level in the Fireworks Industries to upgrade their skills in manufacturing of fireworks with special emphasis on safety precautions to be taken during manufacture".	11.10.2021 From 3.00 pm to 6.00 pm	Shri P. Seeniraj, Dy. Chief Controller of Explosives, HQ, Nagpur
3.	Safety regulations on safe handling and storage of fireworks for Fireworks magazine occupier.	12.10.2021 From 3.00 pm to 6.00 pm	Shri H.P. Sangole, Controller of Explosives, NAPES & TS

4.	Workshop on safety regulations on safe handling and storage for fireworks shop owners and Fireworks Storehouse owners.	13.10.2021 From 3.00 pm to 6.00 pm	Dr. Karunamay Pandey, Controller of Explosives O/o Dy.CCE, Sivakasi.
5.	Noise level testing of Fireworks, Green Fireworks Testing of Fireworks, Chemical composition of Fireworks and Latest Supreme Court orders pertaining to fireworks.	14.10.2021 From 3.00 pm to 6.00 pm	Shri Amit Goyal, Deputy Controller of Explosives and Shri Nitin Goyal, Deputy Controller of Explosives, FRDC and O/o Dy.CCE, Sivakasi .
6.	Preparatory training for person desiring to seek competency under Petroleum Rules 2002 and covering all the provision, conditions of the Petroleum Act, 1934 and Rules framed therein.	12.11.2021	Shri P. Seeniraj , Dy. Chief Controller of Explosives, HQ, Shri A.B. Tamgadge, Controller of Explosives, HQ
7.	Preparatory training for person desiring to seek competency under SMPV (U) Rules 2016 and covering all the provision, conditions Static & Mobile Pressure Vessels (Unfired) Rules, 2016	13.11.2021	Shri K.S Rao, Controller of Explosives,HQ and Shri S.D. Mishra Controller of Explosives, HQ
8.	Lecture to trainees of National Disaster Response Force Academy on Basics of Explosives having their course Title “Unexploded Bombs and Explosives”	17.11.2021	Shri H.P. Sangole, Controller of Explosives, and P. S. Verma Dy. Controller of Explosives
9.	Preparatory training for person desiring to seek competency under Petroleum Rules 2002 and covering all the provision, conditions of the Petroleum Act, 1934 and Rules framed therein .	20.01.2022	Shri P. Seeniraj , Dy. Chief Controller of Explosives, HQ
10.	Preparatory training for person desiring to seek competency under SMPV (U) Rules 2016 and covering all the provision, conditions Static & Mobile Pressure Vessels (Unfired) Rules, 2016	21.01.2022	Shri K.S Rao, Controller of Explosives,HQ and Shri S.D. Mishra Controller of Explosives, HQ

1.(c) Meetings :-

- (1) Shri H.P. Sangole, Controller of Explosives attended the meeting on 03/07/2021 with Shri U.M. Aurangabadkar, Assistant Solicitor General of India in connection with Pension case of Shri D.L. Madre, Safai Sevak.
- (2) Shri H.P. Sangole, Controller of Explosives attended the meeting on 06/07/2021 with Shri U.M. Aurangabadkar, Assistant Solicitor General of India in connection with Case No. 2042/2021 Shri Ashwin Patil & 2 Others V/s Union of India.
- (3) Shri H. P. Sangole, Controller of Explosives attended meeting with State Pollution Control Board of Maharashtra and jointly took sample of fireworks from various fireworks shop of Nagpur District on 22/10/2021 for testing of sound levels at NAPES&TS..
- (4) Shri H. P. Sangole, Controller of Explosives along with Shri Renjith P.A. Dy. C.E. attended meeting with Dy. Commissioner of Police, Zone 3, Shri Sarang Awad, IPS, Tahsil Police Station, Gandhibagh, Nagpur related to the Hon'ble Supreme Court Guidelines of fireworks.

(7) Highlights of the year, if any.

- National Academy for Petroleum & Explosives Safety & Testing Station has started conducting training programme for PESO officials and stake holders for the Year 2021-22.
- A revenue of **Rs. 73,28,550/-** (Data taken from Dot Module) have been collected towards testing and other licence fees.
- New Bursting Strength Tester machine has purchased through GeM for Packaging Lab at NAPES&TS in the year 2021-22.
- The renovation work of officer trainees Hostel of NAPES&TS has been completed
- 409 Nos. of inspections of licensed premises in the District of Nagpur and Amravati were carried out by the officials of NAPES &TS in the year 2021-2022.

FIREWORKS RESEARCH & DEVELOPMENT CENTER SIVAKASI (TN)

5.2 FIREWORKS RESEARCH & DEVELOPMENT CENTER (FRDC)

I. Introduction :

Fireworks Research and Development centre, Primarily a Research and development Centre was initiated in year 2007 with objective of performing R&D activities to promote Indian fireworks Industry in the field of safety; it was inaugurated on 14.07.2011 with facilities of chemical and physical laboratory, chemical store room and training centre with library.

In compliance to the Hon'ble Supreme Court's directions in its judgment; dated 18.7.2005 in the case of W.P. (Civil No.72 of 1998); PESO had initiated the process in time, on setting up Fireworks Research & Development Center (FRDC) at Sivakasi in the state of Tamil Nadu under Plan schemes.

Creation of civil structure of FRDC was taken up under 10th plan and completed in all respects. The work executed includes purchase of 2.025 Hectares of land, providing compound wall, bore well, water pipelines, light posts, internal roads, construction of main building housing laboratories & allied facilities, etc. Equipping of FRDC and creation of technical and non-technical manpower are proposed under 11th Plan, to make FRDC fully operational.

In pursuant to the directives of the Hon'ble Supreme Court, the various parallel measures taken by PESO and their outcome are as under:

PESO had classified the fireworks into sound emitting crackers and color/ light emitting crackers and revised the authorized list of fireworks items, in compliance to the directives of Apex Court. The same has been published by Department of Industrial Policy and Promotion (DIPP) Ministry of Commerce & Industry, New Delhi; Vide GSR No. 225 dated 06/09/2006 in the Gazette of India, Part-II, Section 3, Sub-section (i). PESO has developed compositions for sound producing firecrackers to be within the limits prescribed by environment norms; with the technical assistance of MEPCO Schlenk Engineering College, Sivakasi (TN). This chemical formulae specify the proportion/composition as well as maximum permissible weight of every chemical used in manufacture of four commonly used sound producing firecrackers viz., (a) Atom Bomb, (b) Chinese Crackers, (c) Maroons & (d) Garland crackers with specific reference to its shape, size, dimensions and confinement, so as to satisfy the requirements laid down under Govt. of India Notification No. GSR 682(E) dated 05/10/99.

The formulae have been given to all fireworks manufactures in India for strict compliance. The same has also been made available in PESO's Website: <http://peso.gov.in> for information of all concerned as well to the public.

II. Basic Role and Functions Of the Organisation :

With an overall objective of performing Research & Development activities to promote Indian fireworks Industry in the field of safety; the organisation as a statutory authority is entrusted with the responsibilities under Explosives Act, 1884 and rules framed under these act, Environment (Protection) Act, 1986 and Compliance of orders of Honorable Supreme Court of India.

- (a) Statutory Role of the organisation under Explosives Rules, 2008 is as follows:
 - (i) Authorisation of Explosives under Rule 6 of Explosives Rule, 2008.
 - (ii) Approval of Manufacturing Process under Rule 26 of Explosives Rule, 2008.
- (b) Statutory Role of the organisation under Environment (Protection) Act, 1986 is as follows:

The Noise standards for fire-crackers were notified by the Environment (Protection) (Second Amendment) Rules, 1999 vide G.S.R.682(E), dated the 5th October, 1999 and inserted as serial no. 89 of Schedule I of the Environment (Protection) Rules, 1986. Subsequently these Rules were amended by the Environment (Protection) Second Amendment Rules, 2006 vide G.S.R. 640(E), dated the 16th October, 2006, under the Environment (Protection) Act, 1986. The Department of Explosives shall ensure implementation of these standards.

(c) Statutory Role of the organisation as per Supreme Court Order is as follows:

- (i) Hon'ble Supreme Court in its verdict dated 18/07/2005 in the case of Writ Petition (Civil No. 72 of 1998) read with Civil appeal No. 3735 of 2005 arising out of SLP (C) No. 2185/2003 has directed that PESO (formerly Department of Explosives) shall undertake necessary research activities & come out with the chemical formulae for each type or category or class of fire cracker specifying the proportion/composition as well as maximum permissible weight of every chemical used in the manufacture of fire crackers.
- (ii) Hon'ble Supreme Court of India in its order dated 31.07.2017 in Writ Petition (Civil) No. 728 of 2015 has directed that “no fire-crackers manufactured by the fireworks manufacturer shall contain compounds of antimony, lithium, mercury, arsenic and lead in any form what so ever in addition to the ban on use of strontium chromate and it is the responsibility of the Petroleum and Explosives Safety Organisation (PESO) to ensure compliance particularly in sivakasi.”
- (iii) Hon'ble Supreme Court of India in its order in Writ Petition (Civil) No. 728 of 2015 has directed that “Barium Salts in Fireworks is banned and it is the responsibility of the Petroleum and Explosives Safety Organisation (PESO) to ensure compliance”.

III. Activities of the Organisation in Brief:

The FRDC is entrusted with the following activities:

- (a) Development and Standardization of fireworks products.
- (b) Authorization and Approval of fireworks items.
- (c) Testing of Raw material used in fireworks industry.
- (d) Testing of banned chemicals used in fireworks industry.
- (e) Mechanization of hazardous process in fireworks industry.
- (f) Imparting training to supervisors and workers of fireworks factories.
- (g) Testing of general performance and sound level of fireworks.
- (h) Improvement of quality control and quality assurance.
- (i) Investigation of Accidents.

IV. Meetings-Seminars-Lecture-Training Programmes:

- (1) Shri Amit Goyal, Deputy Controller of Explosives has given safety training to workers of fireworks factories at various occasions during the inspection of the premises.
- (2) Shri Pravesh Kumar, Deputy Controller of Explosives has given safety training to workers of fireworks factories at various occasions during the inspection of the premises.

- (3) Shri Pravesh Kumar, Deputy Controller of Explosives attended webinars through 'Cisco Webex meetings app' conducted by CCE, Nagpur.
 - (4) Shri Pravesh Kumar, Deputy Controller of Explosives attended meeting on 16.11.2021 on the subject "Implementation of orders of Honorable Supreme Court Of India", conducted by PESO Sivakasi in collaboration with Fireworks Associations at TANFAMA Hall.
 - (5) Shri Amit Goyal, Deputy Controller of Explosives attended meeting on 16.11.2021 on the subject "Implementation of orders of Honorable Supreme Court Of India", conducted by PESO Sivakasi in collaboration with Fireworks Associations at TANFAMA Hall.
 - (6) Shri Pravesh Kumar, Deputy Controller of Explosives attended meeting on 20.11.2021 at 16:00 hrs on the subject "Implementation of orders of Honorable Supreme Court Of India", conducted by District Collector in the O/o District Collector Virudhunagar Conference Hall.
 - (7) Shri Pravesh Kumar, Deputy Controller of Explosives attended meeting on 09.03.2022 at 15:00 hrs on the subject "Safety Awareness Programme", conducted by PESO Sivakasi in the O/o Deputy Chief Controller of Explosives, Sivakasi.
 - (8) Shri Amit Goyal, Deputy Controller of Explosives attended meeting on 09.03.2022 at 15:00 hrs on the subject "Safety Awareness Programme", conducted by PESO Sivakasi in the O/o Deputy Chief Controller of Explosives, Sivakasi.
 - (9) Shri Pravesh Kumar, Deputy Controller of Explosives attended meeting on 22.03.2022 at 15:00 hrs on the subject "Firecrackers and Pyrogenic Works-Indefinite Strike announced by TAFFMA", conducted by District Collector in the O/o District Collector Virudhunagar Conference Hall.
- (1) **Total 175 numbers of accident and inspection samples were tested in FRDC for presence of Banned Chemical in compliance to Honorable Supreme Court of India Directives.**

V. General Activities Carried out at FRDC:

- (1) PH meter calibrated with PH buffer standards.
- (2) Volumetric and general reagents were prepared for routine analysis of fireworks samples.
- (3) Routine cleaning and maintenance of all laboratories at FRDC.
- (4) Library Books list and maintenance log book prepared for issue of books from library.
- (5) Chemicals and Glass wares listed in storeroom and chemicals lab were updated in FRDC stock register.
- (6) Literature survey of Green crackers done at FRDC Lab.
- (7) Physical Verification of Assets/Instruments/stock done in July 2020.

VI. Instrument Status:

- (1) **TG – DTA Instrument-** The TG-DTA instrument is in working condition. The instrument was calibrated with Indium standard. Some of the samples have been tested. TG-DTA instrument AMC renewed.

- (2) **ICP-OES Instrument** - As per Service Engineer report, the ICP OES instruments is not in working condition (Prism drive is not functioning). Repairing of the ICP-OES instrument under progress. Reference letters from this office, Letter no. L/Instr/15-16(Vil-II) dated 31/01/2018, Letter no. L/Instr/18-19(Vil-II) dated 31/08/2018 and Letter no. L/Instr/18-19(Vil-II) dated 12/03/2019. With references to above letters, it was requested to provide the GST registration particulars of our organization, for getting the quotation for spares parts (repairing of ICP-OES) of ICP –OES instrument in FRDC laboratory.
- (3) **Flame Photometer** - Flame Photometer equipment is in operating condition. Now tests for quantification and estimation of Sodium, potassium and Lithium can be performed using Flame Photometer.
- (4) **DSC Instrument:-** Differential scanning calorimeter equipment is in working condition.
- (5) **Ultra Violet - Visible Spectrometer:-**The Ultra Violet - Visible Spectrometer instrument is in working condition. The instrument was calibrated with Holmium oxide (Filter) standard. Some of the samples were tested for quantification and estimation of Iron oxide.

e-GOVERNANCE

The Information Technology has become a very important tool for providing hassle free and quality services by an organisation to its stakeholders. This technology is not only saving time but also providing additional information to the stakeholders. Petroleum and Explosives Safety Organisation (PESO) has adopted the IT tools and made extraordinary progress in the field of e-Governance and providing quality services to the stakeholders with a motto to provide better and uninterrupted e-services to its stakeholders who are directly or indirectly involved with PESO.

Since early 2000, PESO is being geared up with the induction of Information Technology, under e-governance programme and as of now the entire gamut of activities of PESO is being carried out through online system by all the offices located across the country, by accessing the central servers located at Nagpur through dedicated leased lines. The organistaion is continuously making efforts to improve the available facilities and to incorporate new services and activities under its e-Governance programme. PESO constantly endeavours to render efficient, prompt and courteous service to all stakeholders, public and industry with complete transparency in their working through optimum utilisation of available human resources and e-technology while keeping in view national interest and safety - first motto. The following goals have been set under e-governance programme;

1. To adopt the state of art technologies in order to ensure complete Transparency and Accountability in the existing licensing system of PESO.
2. To enable e-filing of applications for external stakeholder by developing and integrating the e-filing system by revamping the existing application modules or developing afresh to suite the new requirements of e-Governance.
3. To bring in accountable in terms of time bound service delivery for ensure prompt issuance of approvals, licenses and permissions..
4. To develop and implement online licensing for District Magistrates to administrator licenses under explosives Rule, 2008 and Ammonium Nitrate Rules, 2012.
5. Integrate payment gateway facility in e-filing to facilitate online receipt of fees and facilitate ease-of- doing-business for the stakeholders coming under the umbrella of various rules being administered by PESO.
6. To develop a System on Explosives Tracking and Tracing (SETT) which would enable every state and central regulating authority to monitor, track and trace the last legal source of seized/unclaimed explosives on real time basis.

Major Initiatives and Achievements of PESO

1.) Explosives Return System & Ammonium Nitrate Returns System (ERS & ANRS):

PESO has developed online Explosives Return System (ERS) and Ammonium Nitrate Return System (ANRS) for the Explosives and Ammonium Nitrate Manufacturers, Sellers, Users, Transporters, Exporters & Importers to submit their online returns, on day to day basis and the entire chain of transactions across the country are accounted through the online modules.

Implementation of Online Explosives Returns System (ERS) for monitoring the transaction of explosives (ERS) enabled all the licence holders under Explosives Rules, 2008 to carry out their transactions viz. manufacturing, sale, use, transport, export, import and destruction using the online portal of PESO on day-to-day basis.

The indent for purchase of explosives, transport passes and other returns as required under Explosives Rules, 2008 are generated by the respective licensee through the PESO's online ERS portal. ERS system has in-built facilities of generating SMS alerts and messages to every consignor and consignee against every transaction. During online transaction of explosives, the ERS system validates the storage capacity of the respective explosives magazines of the consignor and consignee and validity of their licences as well. This system facilitates the stakeholders to carry out their transactions in line with the statutory requirements and various returns are automatically generated and submitted online to the respective licensing authority.

Further, ERS also gives interface to all the DMs & SPs to monitor explosives transactions emerging, destining and crossing their respective districts. The said interface is also made available to MHA & DIPP. With the help of ERS, the data on date-wise, product-wise & factory-wise manufacturing of explosives can be monitored and the stock of every explosives magazine in the country is monitored, on real time basis. ERS has not only replaced the cumbersome process of maintaining explosives transactions records manually and submitting returns to the various authorities by the licensees but also has the provision for online scrutiny of returns by PESO.

With respect to transaction of Ammonium Nitrate under Ammonium Nitrate Rules, 2012, PESO has also developed a similar system namely online Ammonium Nitrate Return System (ANRS).

With effect from 01/01/2019; ERS was replaced with System on Explosives Tracking and Tracing (SETT) and from 01/10/2019; all the entries made into ERS have been stopped and all the entries related to transaction of explosives have to be made in SETT.

2.) Project on System on Explosives Tracking and Tracing (SETT):

No comprehensive mechanism of tracking and tracing of explosives exist across the globe for regulatory & statutory monitoring of explosives across the globe. The pilferage of explosives from licensed agencies has been causing great concern especially with the chance that these

pilfered explosives may land in the hands of undesirable elements. Illegal quarrying and mining activities are another key source of consumption of diverted / pilfered explosives. Project SETT has been developed with an objective to develop fool-proof system:

- For effective tracking of every explosives at the minimum package & unit level right from the manufacture to the user end on real time basis, throughout the supply chain.
- For tracing of the last legal source of seized/unclaimed explosives.

SETT is under development by NIC and the various stakeholders involved are Explosives Manufactures, Sellers, Users, Exporters and Importers. For implementation of Project SETT; each explosive box (Level -1), Inner Pack (Level-2) and Unit/Entity (Level-3) will be identified by a unique 2D data matrix barcode which will be generated by the explosives manufacturers using IT system and printed on the box during manufacturing/packaging process and uploaded in the SETT software module. Phase –I of the project SETT was launched on 01/01/2019 and Phase-II was launched on 01/08/2021.

Output of SETT:

- 1) The SETT system will provide an interface to PESO, DIPP, MHA and SPs & DMs of every district, wherein if the barcode details of a box are entered, then the SETT will give the complete history of that box and units inside the box right from Manufacturer to Consumption / Use stage.
- 2) The last legal source of seized/unclaimed explosives can be traced by PESO, DIPP, MHA and SPs & DMs of every district.
- 3) To strengthened the existing Explosives Return System (ERS) & Ammonium Nitrate Return System (ANRS) in terms of technology and new check and balances to achieve near perfect real time monitoring of explosives transaction.
- 4) To implement real time GPS Based Movement Tracking System for Explosives Carrying Vehicles.

3.) Licensing System for District Authorities (LSDA)

The manufacturing, sale, use, transport, import & export of explosives & ammonium nitrate are regulated under Explosives Rules, 2008 (ER, 2008) & Ammonium Nitrate Rules, 2012 (ANR, 2012) by Petroleum and Explosives Safety Organization (PESO) & District Authorities.

PESO has been carrying out all licensing transactions under ER, 2008 & ANR, 2012 through online licensing modules and a National Database of licenses on real time basis is maintained by PESO. All the licensees of PESO are submitting their explosives & ammonium nitrate returns online on day to day basis and the entire chain of explosives & ammonium nitrate transactions across the country are accounted through Explosives Return System & Ammonium Nitrate Return System

District Authorities are also empowered to grant licenses under ER, 2008 & ANR, 2012 and these licenses were issued by them manually. Due to lack of a national database of all such licenses issued by District Authorities, the explosives & ammonium nitrate transactions pertaining to such licenses could not be monitored.

To address the above mentioned shortcoming, the online “Licensing System for District Authorities (LSDA)” has been launched for the use of all District Authorities for granting the licences for storage of explosives for agricultural purpose or tractor compressor under the Explosives Rules, 2008 and for storage of ammonium nitrate for agricultural purpose or for transport of ammonium nitrate under the Ammonium Nitrate Rules, 2012.

In order to reduce compliance burden and for ease of doing business additional modules for manufacturing of gunpowder / fireworks, license for sale of fireworks through shops, license for display fireworks and license for storage of petroleum Class A or petroleum Class B not in bulk.

Similarly provisions have been made in the modules for issuing No Objection Certificate under various Rules administered by PESO. The NOC issued by District Authority can be verified by PESO which in turn reduces the possibility of fake NOC being issued or received by PESO.

LSDA is a web-enabled application developed by NIC in accordance with the provisions of ER, 2008 & ANR, 2012 and hosted in PESO’s data centre at Nagpur. LSDA will not only help in computerizing those manually issued licenses by District Authorities, but also ensure standardized process flow and output.

An additional feature in the online application module has also been launched for the applicant for submission of application to the District Authority.

4.) E-Payment of fees

To promote Prime Minister’s digital payment scheme; PESO has launched facilities of e-Filling of applications and e-Payment gateway for payment of the licence fees by stakeholders to provide hassle free and value added online services to all the license holders under Petroleum Rules, 2002, Gas Cylinders Rules, 2004, Calcium Carbide Rules 1987, Explosives Rules, 2008 and Ammonium Nitrate Rules, 2012. PESO’s online application module is integrated with Central Bank of India through Bill Desk to accept fees through debit card, credit card and net banking facility.

On 20.11.2019; PESO has started receipts of fees through Non Tax Receipt Portal (Bharat Kosh). The time and efforts of stake holders in obtaining demand draft, submission of demand draft, realization of fees paid through demand draft has been considerably reduced. Stake holders can submit the fees digitally which are immediately received in Government of India’s account. The facility is well accepted and used by stake holders.

5.) Initiatives of PESO for faster delivery & transparent licensing process

First In First Out (FIFO):

In order to make licensing system more transparent the online software modules of PESO have been augmented with the facility to allow concerned officers and dealing assistant to process the receipts on "First In First Out (FIFO)" basis. At any point of time officer and dealing assistant can view only first inwarded 25 cases only. After these cases are cleared the next 25 cases can be viewed.

E-Nivesh:

Licensing System of PESO has been integrated with Prime Minister's Office Project Monitoring Group: E-Nivesh monitor (<http://enivesh.gov.in>) portal. The pending cases beyond the timeline of 21 days are being periodically monitored by the Project Monitoring Group (PMG) under the Prime Minister Office (PMO), New Delhi so as to ensure there is no inordinate delays the disposal of applications submitted under various Rules, implemented by PESO. Detailed guidelines for timely closure/clearance of online receipts within the timeline with respect to the every user of PESO have been issued.

Public domain:

PESO has introduced the public domain facility for benefit of the stake holders. Any applicant who has submitted applications to PESO can view the status of his application through public domain / Application Status tab. In all 46 services provided by PESO are covered under the public domain.

6.) Paperless Application and Approval Process:

PESO has developed various online modules and e-application facilities for processing of applications received under all the rules administered by PESO. The applications received are being processed through PESO's online system. Online application modules launched by PESO are as follows:

Sr. No	Rules	Date of launch of online module	Date of launch of e-application facility to stakeholders
1	Petroleum Rules	2002-2003	Jan, 2013
2	Gas Cylinders Rules	2003-2004	Jun, 2015
3	SMPV(U) Rules	2003-2004	Apr, 2017
4	Explosives Rules	2004	Dec, 2016
5	Ammonium Nitrate Rules	2013	Dec, 2016
6	Calcium Carbide Rules	2015	Apr, 2015

The status of an online submitted application can be viewed by the stake holder / applicant on real time basis. Additional facilities such as portfolio, online fees submission and subsequent application submission are also available. The applicant can store the application and their dokey

in his portfolio and conduct further transactions such as prior approval, amendments and renewals through subsequent application tab.

With effect from 07/01/2020; PESO has launched paperless application and grant of license process. This is totally paperless process and license can be downloaded by the stake holder while sitting at home or in their office without visiting any of the PESO offices.

As on date all the 49 licensing modules of PESO are operating as paperless. The details of the 49 licensing modules are as follows:

Rules	Total Modules	Modules operating as paperless		Modules yet to be launch
		Modules successfully operational	Applicant friendly module input trial	
Petroleum Rules, 2002	14	14	0	0
Calcium Carbide Rules, 1987	1	1	0	0
Explosives Rules, 2008	12	12	0	0
Ammonium Nitrate Rules, 2012	5	5	0	0
Gas Cylinders Rules, 2016	8	8	0	0
SMPV (U) Rules, 2016	9	9	0	0
Total Modules	49	49	0	0
		49		

The paperless grant of statutory licences is perhaps first of its kind in any Government department and is a revolutionary step towards Ease of Doing Business for faster delivery of licenses without any postal delay.

The paperless application, paperless grant process of licenses will save precious time, stationery/postage of the stake holders and PESO as well. Forgery & misuse of the licenses will be completely eradicated as the licenses will be issued through a secure system. The authenticity of the license can be verified through public domain available on PESO's website. Petroleum & Gas Industry will be immensely benefitted by this initiative

7.) Online Generation of Certificates:

Online generation of test and safety certificates issued by competent persons:

PESO has created facilities for online generation of following certificates:

Sr. No.	Rules	Purpose
1	Petroleum Rules, 2002	Petroleum storage tank test certificates issued under Rule 126(3)
2		Certificate of safety for an installation / retail outlets issued under Rule 130(1)
3		Petroleum road tanker certificate issued under Form VIIB and Form VIIB

4	Static & Mobile Pressure Vessels (Unfired) Rules, 2016	Certificate of Control issued under Rule 13 (2)
5		Safety valve test certificate issued under Rule 18 (2)(xiii)
6		Hydro test certificate for pressure vessels issued under 19(1)(a)
7		Certificate of safety for static pressure vessel issued under Rule 33
8		Certificate of safety for mobile pressure vessels issued under Rule 43

Other online generated certificates

In order to avoid malpractices and to ensure safety of the public and property new facilities for online generation of following certificates have been developed by PESO:

Sr. No	Rules	Purpose
1	Petroleum Rules, 2002	Fabrication certificate issued by PESO recognised fabricators of petroleum road tankers
2	Static & Mobile Pressure Vessels (Unfired) Rules, 2016	Degassing certificates for mobile pressure vessels by PESO recognised degassing stations
3	Gas Cylinders Rules, 2016	CNG cylinder test certificates by PESO recognised cylinder testing stations
4.		Filling permission for LPG Cylinders issued to Cylinder manufacturers

This facility also enables PESO to monitor the certificates issued. This initiative has streamlined the generation of certificates by competent persons as well as unauthorized persons to a great extent. The generated certificates also gets linked to respective license file at the time of processing of applications. During processing, officers can view certificates issued by the competent person online and can also verify genuineness of the certificate. General public can view this certificate through public domain tab available on PESO's website. This facility has totally eliminated scope of forgery in the certification process.

RE-13 returns Form:

A returns form RE-13 was introduced by PESO to avoid pilferage and mis use of explosives. The form is generated online before use of explosives by a PESO approved shot firer or DGMS approved blaster. The returns form takes into consideration following:

- Name of the person blasting the explosives (Shot firer / blaster)
- Place and time of blasting
- Quantity of explosive used
- Name of person who has issued the explosive
- Name and place of the person where explosive will be used
- Vehicle through which explosive will be transported
- Weekly, monthly, quarterly usage details of explosives are obtained.

MEETINGS, SEMINARS, LECTURES, INSPECTIONS OF THE CHIEF CONTROLLER OF EXPLOSIVES

MEETINGS

1. Attended a VC under the Chairmanship of AS, DPIIT on 27.04.2021 on LMO (Liquid Medical Oxygen) Management.
2. Attended a VC under the Chairmanship of Hon'ble Minister (C&I) on 01.05.2022 on supply of liquid medical oxygen.
3. Attended a VC under the Chairmanship of AS, DPIIT on 27.05.2021 on use of other non toxic non flammable cylinders other than oxygen .
4. Attended a VC under the Chairmanship of AS, DPIIT on 16.06.2021 on TPIA.
5. Attended a VC under the Chairmanship of AS, DPIIT on 25.06.2021 on discussion of review of PESO.
6. Attended a VC under the Chairmanship of AS, DPIIT on 07.07.2021 & 16.07.2021 on review of PESO.
7. Attended a VC under the Chairmanship of AS, DPIIT on 20.07.2021 on review of PESO.
8. Attended a VC under the Chairmanship of AS, DPIIT on 30.07.2021 on review of PESO.
9. Attended a VC under the Chairmanship of AS, DPIIT on 16.08.2021 on amendment proposed in the Explosives Rules, 2008.
10. Attended a VC under the Chairmanship of AS, DPIIT on 12.08.2021 to discuss on comments received from stakeholders on draft notification for amendment in Gas Cylinder Rules, 2016.
11. Attended a VC under the Chairmanship of AS, DPIIT on 28.09.2021 to 30.09.2021 & 05.09.2021 & 06.09.2021 on review of PESO
12. Attended a meeting in DPIIT on 24.09.2021 to discuss various administrative proposals in PESO.
13. Attended a Parliamentary committee meeting on Rajbhasa on 25.09.2021 at New Delhi.
14. Attended a meeting under the Chairmanship of Hon'ble MoS(C&I) on 26.10.2021 to review of PESO.
15. Attended a VC under the Chairmanship of Secretary, DPIIT on 02.11.2021 on reviewing of oxygen infrastructure.
16. Attend a VC under the Chairmanship of AS, DPIIT on 09.11.2021 on review of PESO.
17. Attended a review meeting under the Chairmanship of Hon'ble MoS(C&I) on 17.11.2021.

18. Attended a review meeting under the Chairmanship of Hon'ble MoS(C&I) on 18.11.2021 on Oxygen infrastructure and preparedness.
19. Attend a VC under the Chairmanship of AS, DPIIT on 08.12.2021 on review of PESO.
20. Attended a VC under the Chairmanship of Hon'ble Minister (C&I) on 30.12.2021 on oxygen preparedness.
21. Attended a VC under the Chairmanship of AS, DPIIT on four times in the month of January, 2022 on review of PESO.
22. Attend a meeting chaired by Secretary, MoRTH on 09.01.2022 on ODTS (Oxygen digital tracking system).
23. Attended a VC under the Chairmanship of AS (Coal) on 02.03.2022 regarding availability of Ammonium Nitrate in coal sector.
24. Attended a meeting under the Chairmanship of AS, DPIIT on 15.03.2022 and 16.03.2022 on amendment proposed in Petroleum Rules, 2002 and amendment proposed in Explosives Rules, 2008 respectively.
25. Attended a DPC meeting to the post of CE in PESO at DPIIT on 28.03.2022.

VISITS

- 1) Visited the O/o. Jt. CCE, Hyderabad for review of newly created O/o. Jt. CCE, Hyderabad/Secunderabad and also 'Rajbhasha inspection' of the office on 31.12.2021 and 01.01.2022. Addressed the licensee and PESO officers in connection with safety in manufacturing of explosives on 30.12.2021.
- 2) Visited the O/o. Jt. CCE, Agra and Jt. CCE, Bhopal for administrative inspection as well as Rajbhasha nirikshan on 28.02.2022 and 02.03.2022 respectively.

SEMINAR, LECTURE, CONFERENCE & WORKSHOP

- 1) Attended the inspection programme of the Third Sub- Committee of the Committee of Parliament on Official Language of the O/o. Jt. CCE, Faridabad on 17.08.2021 and 18.08.2021.
- 2) Chaired a VC on 09.03.2021 on amendment of ER (Rule 83, 64 & 86) and feasibility of requirement of TPIA in Explosives Rules and Ammonium Nitrate Rules.
- 3) Conducted online Inspection of Rajbhasha implementation activity review meeting of all the offices of PESO under Rajbhasha Niyam/Adhiniyam.

MEETINGS, SEMINARS, LECTURES, TRAINING PROGRAMMES, VISITS OF THE OTHER OFFICERS OF THE ORGANISATION

All the officers of PESO, headquarters had attended several meetings organized by Ministry of Commerce & Industry, Department for Promotion of Industry & Internal Trade, Ministry of Health and Family Welfare, Ministry of Petroleum & Natural Gas, Ministry of External Affairs, Railways & NITI Ayog during the year. Meetings, Seminars, Safety Review Meetings through video Conferences were attended. Other than this some are as under:-

1. Shri V.V. Borgaonkar, Jt.Chief Controller of Explosives, Nagpur attended following online meetings during the year:-
 - On 24 Mar 2022- Import of CNG Cylinders from China - CCE, AIIGMA
 - On 22 Mar 2022 Discussion on Concept Note for Auto Inward-NIC, PESO Circle, Sub-circle officers
 - On 09 Mar 2022 Amendments in the Explosives Rules, 2008-CCE, DPIIT
 - On 09 Mar 2022 Introduction of NSWS for Petroleum Road Tankers- PESO, NIC, Invest India, Stakeholders.
 - On 09 Mar 2022 Amendments in the Explosives Rules, 2008-CCE, DPIIT
 - On 09 Mar 2022 Introduction of NSWS for Petroleum Road Tankers-PESO, NIC, Invest India, Stakeholders
 - On 08 Mar 2022 Introduction of NSWS for Petroleum Road Tankers-PESO, NIC, Invest India, Stakeholders
 - On 08Mar 2022 Amendments in the Explosives Rules, 2008-CCE, DPIIT
 - On 08Mar 2022 Introduction of NSWS for Petroleum Road Tankers-PESO, NIC, Invest India, Stakeholders
 - On 08Mar 2022 Introduction of NSWS for Petroleum Road Tankers-PESO, NIC, Invest India, Stakeholders
 - On 07 Mar 2022 Introduction of NSWS for Petroleum Road Tankers-PESO, NIC, Invest India, Stakeholders.
 - On 09 Mar 2022 Meeting to discuss Inclusion of Dealer's name in License FORM XIV-CCE, DPIIT, Stakeholders
 - On 23 Feb 2022 Introduction of NSWS Portal for applications under SMPV Rules & Gas Cylinders Rules-PESO, NIC, Invest India, Stakeholders.
 - On 22Feb -2022 Introduction to NSWS Portal for Applications submitted under the Explosives Rules 2008-PESO, NIC, Invest India, Stakeholders.
 - On 22Feb -2022 Introduction of NSWS Portal for applications under SMPV Rules & Gas Cylinders Rules-PESO, NIC, Invest India, Stakeholders

- On 22Feb -2022 Introduction of NSWS Portal for applications under SMPV Rules & Gas Cylinders Rules-PESO, NIC, Invest India, Stakeholders
- On 22Feb -2022- Introduction to NSWS Portal for Applications submitted under the Explosives Rules 2008-PESO, NIC, Invest India, Stakeholders
- On 22Feb -2022-Introduction of NSWS Portal for applications under SMPV Rules & Gas Cylinders Rules-PESO, NIC, Invest India, Stakeholders
- On 21Feb -2022 Introduction to NSWS Portal for Applications submitted under the Explosives Rules 2008-PESO, NIC, Invest India, Stakeholders
- On 21Feb -2022-Introduction of NSWS Portal for applications under SMPV Rules & Gas Cylinders Rules- PESO, NIC, Invest India, Stakeholders
- On 21Feb -2022 Introduction to NSWS Portal for Applications submitted under the Explosives Rules 2008-PESO, NIC, Invest India, Stakeholders.
- On 22Feb -2022-Introduction of NSWS Portal for applications under SMPV Rules & Gas Cylinders Rules-PESO, NIC, Invest India, Stakeholders.
- On 15Feb -2022 Hearing of Appeal of Shri S. Rajsingh, Tiruchirapalli-Appealate officer, Appellant.
- On 15Feb -2022 HIGH COURT ORDER ON WPA.17648 - BULK LPG TRANSPORT CONTRACTORS ASSOCIATION Vs UOI-Dy.CCE P Seeniraj, CE K.S. Rao , Stakeholders.
- On 15Feb 2022 VC Appeal Hearing of M/s Shree Durgamba Enterprises, KA Dt 02.02.2022-Appealate officer, Appellant.
- On 2Feb 2022 Meeting for Examination of Competent Person by NPC-CCE, DPIIT.
- On 1Feb 2022 VC Hearing on Appeal Dt 06.01.2021 filed by Shri S Venkatesh, DGM (LPG), Maharashtra State Office,IOCL- Appealate officer, Appellant.
- On 28 Jan 2022 Feasibility of TPIA under the Explosives Rules and Ammonium Nitrate Rules-CCE, DPIIT
- On22 Jan 2022 Discussion on ISO Tank Containers-DPIIT, Stakeholder, CCE
- On 21 Jan 2022 Discussion on amendments in the Petroleum Rules- CCE, DPIIT
- On 10 Jan 2022 ODTS Discussion-CCE, DPIIT, Stakeholders, ODTS vendor, NIC
- On 6 Jan 2022- Amendments in the Explosives Act 1884-CCE, DPIIT
- On 4 Jan 2022-Discussion with officials of M/s Linde India Ltd-CCE, Linde
- On 31Dec 2021- Hearing under the Petroleum Rules 2002-Appealate officer, Appellant
- On 30Dec 2021 Review Meeting of Oxygen by DPIIT- CCE, DPIIT
- On 29 Dec 2021 Review Meeting of Oxygen by DPIIT-CCE, DPIIT

- On 21 Dec 2021 Meeting with PESO Nodal Officers-CCE, PESO circle, Subcircle officers
- On 20 Dec 2021 LMO Portal Overview-CCE, AIIGMA, Stakeholders
- On 15 Dec 2021 Meeting with Liquid Oxygen Manufacturers-CCE, AIIGMA, Stakeholders
- On 9Dec 2021 PESO System for Liquid Medical Oxygen Monitoring System (LMOMS)- Acquaintance and Training for Registration and Data entry-CCE, AIIGMA, Stakeholders
- On 3 Dec 2021 Meeting with Jt Chief Controller of Explosives to review the supply of Oxygen-CCE, DPIIT, All Jt.CCE
- On 26 Nov 2021 Meeting with Liquid Oxygen Manufacturers-CCE, Stakeholder
- On 16 Nov 2021 Meeting for examining the proposal on emerging need of compressed hydrogen transportation at higher pressure-PESO, DPIIT, Stakeholder
- On 9 Nov 2021 Meeting on ODTS Portal-CCE, DPIIT, Stakeholders, ODTS vendor,NIC
- On 2 Nov 2021 Meeting of Circle, Sub Circle Heads & PESO Nodal Officers-CCE, PESO circle, Sub circle officers
- On 21 Oct 2021-Meeting with Oil Marketing Companies-CCE, Stakeholder
- On 21 Oct 2021 -Hearing for RTI Appeal-Appellate officer, Appellant

2. Shri K.S.Rao, Controller of Explosives, HQ, Nagpur has delivered lecture on "Preparatory training for persons desiring to seek competency under SMPV (U) Rules, 2016" at National Academy for Petroleum & Explosives Safety and Testing Station (NAPES) on 13/11/2021. Total 334 Nos of aspirants participated though VC for seeking competency under SMPV (U) Rules, 2016.
3. Shri K.S. Rao, Controller of Explosives, HQ, Nagpur has delivered lecture on "Preparatory training for persons desiring to seek competency under SMPV (U) Rules, 2016" at National Academy for Petroleum & Explosives Safety and Testing Station (NAPES) on 21/01/2022. Total 58 Nos of aspirants participated though VC for seeking competency under SMPV (U) Rules, 2016.

CIRCLE OFFICE, KOLKATA

MEETINGS /SEMINAR/WORKSHOP/LECTURES/TRAINING:

1. Dr.R.K. Rathore, Jt.CCE, Shri P. Seeniraj, Dy.CCE, Nagpur, Dr. Ruab Ali, Dy.CCE, Bhubaneswar, Shri A.M. Khan, CE, Kolkata, Shri S. Ray, CE,Kolkata, Shri V.B. Minj, CE, Ranchi, Shri B. Basak, CE, Patna, Shri S.K. Bhole, CE, Guwahati, Shri B.C. Sadhukhan, Dy.CE, Kolkata, Shri Deepak Kumar, Dy.CE, Kolkata & Shri J.Ahmed, Dy.CE, Kolkata participated in the Regional Review Meeting held on 24.12.2021 in the O/o.Jt.CCE,EC, Kolkata under the Chairmanship of Smt. Sumita Dawra, IAS, Additional Secretary, DPIIT.
2. Officers of the Jt.CCE, EC, Kolkata attended various virtual meetings as and when called by the Addl.Secretary, DPIIT.
3. Shri B.C.Sadhukhan, Dy.CE,O/o. Jt.CCE,EC, Kolkata attended meeting on 27.01.2021with State Govt. at Swasthy Bhavan, Salt Lake regarding Oxygen Management Plant.
4. Shri B.C.Sadhukhan, Dy.CE attended RO Dealership Selection Workshop at IBP House, Kolkata on 13.12.2021.
5. Shri Deepak Kumar, Dy.CE, O/o. Jt.CCE,EC, Kolkata attended Oxygen Manufacturing organized by Director of Health Service, Deptt. on 27.12.2021.
6. Shri S.Ray, CE attended online meeting on Oxygen Preparedness and Court Case.
7. Officers of Dy.CCE, Ranchi attended training programme on 25.03.2022 (Online)
8. Officers of Dy.CCE, Ranchi attended online meeting on May, June, July, August, September, October, November, December and March, 2022.
9. A meeting was organised by the O/o.Dy.CCE,Bhubaneswar on 02.11.2021 with Dealers and traders of fireworks (licensee). They were sensitized to use green fireworks and other encironmental friendly fireworks as per the directives of CCE,Nagpur
10. Dr.Ruab Ali, Dy.CCE, attended a Regional Review Meeting held on 24.12.2021 with the PESO Officers of East Circle and Guwahati under the Chairmanship of Smt. Sumita Dawra, Additional Secretary, DPIIT.
11. Officers of the O/o.Dy.CCE, Bhubaneswar attended various virtual meeting regarding Oxygen Mapping and consolidating the capacity of Air Separation Units on 02.11.2021, Liquid Oxygen Manufacturers on 26.11.2021, LMOMS Portal on 21.12.2021, Oxygen by DPIIT on 29.12.2021 and Oxygen Preparedness: Hon'ble CIM Ministry of C & I on 30.12.2021.

12. Officers of the Dy.CCE, Bhubaneswar attended various virtual meetings regarding ODTs on 10.01.2022, National Single Window System (Introduction of NSWS Portal for applications under SMPV Rules & Gas Cylinder Rules) on 22.02.2022 and International Womens Day hosted by the O/o.CCE, Nagpur on 08.03.2022.
13. Shri A.K.Meena, CE and Shri Nishanta Mridul, Dy.CE, O/o.Dy.CCE,Bhubaneswar attended Industry Care Meeting for industries in Jagatsinghpur under the chairmanship of Principal Advisor to the Hon'ble Chief Minister
14. Shri Aditya Maharana, Dy.CE, O/o.Dy.CCE,Bhubaneswar attended online training/workshop on 01.03.2022 on topics Hindi Standard Spelling and Grammar organized by National Cooperative Development Corporation (NCDC) and TOLIC
15. Shri Nishanta Mridul, Dy.CE and Shri Aditya Maharana, Dy.CE, O/o. Dy.CCE, Bhubaneswar attended the virtual training/workshop on 24.03.2022 organized by DTH, Gondkhairy, Nagpur on the topic Safety during Manufacturing of Slurry Explosives, Emulsion Explosives, Detonating Fuse (DF) and Detonators.
16. Shri Nishanta Mridul, Dy.CE & Shri Aditya Maharana, Dy.CE, O/o.Dy.CCE,Bhubaneswar attended virtual training/workshop on 25.03.2022 organized by DTH, Gondkhairy, Nagpur on Topic Manufacturing of Electric Detonators (ED), Nonel Detonators and Electric Detonators.
17. Shri Basudev Basak, CE, Patna and Shri Amit Kumar, DCE attended meeting on 01/11/2021 & on 02/12/2021 chaired by Secretary Department of Transport, Government of Bihar for expediting the commissioning of CNG station in the State of Bihar.
18. Shri Basudev Basak, CE, Patna and Shri Kritikant Kumar, DCE attended meeting on 24/02/2022 chaired by Secretary Department of Transport, Government of Bihar for expediting the commissioning of CNG station in the State of Bihar.
19. Shri Basudev Basak, CE, Patna attended Annual Review meeting conducted in the O/o the Jt. Chief Controller of Explosives, East Circle, Kolkata on 24/12/2021, chaired by Addl. Secretary, DPIIT.
20. Shri Basudev Basak, CE, Patna attended virtual meeting of the Sub Group for the State of Bihar on Audit of Medical Oxygen held on 22/05/2021 and 29/12/2021 in presence of Joint Secretary, Ministry of Commerce & Industry,GOI, Secretary, BCD, Govt. of Bihar, Director Incharge RMRI, Patna & Superintendent, PMCH, Patna.

CIRCLE OFFICE, GUWAHATI

MEETINGS /SEMINAR/WORKSHOP/LECTURES/TRAINING:

1. Dr. M.I.Z Ansari, Dy.CCE delivered a presentation on 20/08/2021 at Agartala, Tripura to Hon'ble MoS (C&IM) Shri Som Prakash Ji on "Role & Function of PESO Guwahati in development of North Eastern Region".
2. Dr. M.I.Z Ansari, Dy.CCE attended review meeting on 20/08/2021 with Hon'ble MoS (C&IM) Shri Som Prakash Ji during the ongoing Hindi TriMasik Karyakarm/Celebrations.
3. Dr. M.I.Z Ansari, Dy.CCE, Guwahati delivered a presentation on 25/08/2021 at India Club, Guwahati on the occasion of completion of "50 Golden Years of PESO, Guwahati in service of people of North Eastern Region"
4. S.K Bhole, CE delivered a lecture on the Off Site Emergency Mock Drill conducted on 11/03/2022 at IOCL Guwahati Refinery premises.

WEST CIRCLE, MUMBAI

MEETINGS/ SEMINARS/TRAINING PROGRAMMES/LECTURES:

1. Shri D.K. Gupta, Joint Chief Controller of Explosives attended virtual meeting under the chairmanship of Secretary, Defence on 08/02/2022 to discuss issues faced by Defence Industry in export of ammunition shipment.
2. Shri D.K. Gupta, Joint Chief Controller of Explosives attended virtual meeting with the Chief Secretary of Goa on 24/02/2022 to discuss oxygen storage and supplies at District & Sub-Districts Hospitals.
3. Shri D.K. Gupta, Joint Chief Controller of Explosives attended meeting with JNPT officials on 28/03/2022 for considering approval of expert of explosives from JNPT Port.
4. Shri D.K. Gupta, Joint Chief Controller of Explosives attended meeting with AIIGMA on 28/03/2022 for review of status of medical oxygen and amendment of Gas Cylinder Rules 2016 and SMPV (U) Rules 2016.
5. National Academy for Petroleum & Explosives Safety & Testing Station has started conducting training programme for PESO officials and stake holders for the Year 2021-22.
6. The officers of West Circle, Mumbai attended various meeting with Directorate of Industrial Safety & Health and State Government Authorities pertaining to Industrial Safety Issues and issues related to Biodiesel.

CIRCLE OFFICE, VADODARA

MEETINGS/SEMINARS/WORKSHOPS/TRAINING PROGRAMMES/LECTURES:

1. Dr. R.Venugopal, Jt. Chief Controller of Explosives, Vadodara convened a Safety Review Meeting with M/s. Bharat Petroleum Corporation Ltd., with regard to Safety of Petroleum retail outlets and CNG stations at Ahmedabad on 11/12/2021. 30 officers from B.P.C.L. attended the meeting from Gujarat.
2. Dr. R.Venugopal, Jt. Chief Controller of Explosives, Vadodara delivered a lecture on process Safety Management in Refineries in the 'Safety Talk' convened on 23/12/2021 by M/s. Indian Oil Corporation Ltd., Gujarat Refinery, Vadodara. 42 senior management officials participated in the programme.
3. Dr. R.Venugopal, Jt. Chief Controller of Explosives, Vadodara convened a Safety Review Meeting of M/s. Indian Oil Corporation Ltd, on Petroleum Safety Retail Outlets and CNG retail outlets in the state of Gujarat. The meeting was held on 29/12/2021. 37 officers of IOCL attended the meeting.
4. Dr. R.Venugopal, Jt. Chief Controller of Explosives, Vadodara convened a Safety Review Meeting of M/s. Hindustan Petroleum Corporation Ltd., on Safety in Petroleum Retail Outlets and CNG retail outlets in the state of Gujarat. The meeting was held on 19/02/2022 was attended by 27 officers of HPCL from the State of Gujarat.
5. Dr. R.Venugopal, Jt. Chief Controller of Explosives, Vadodara delivered a online talk for Scientists at the International Advanced Research Centre for Power Metallurgy and New Material (ARCI) on topic "Safety Leadership during Turbulent Times" on 11/03/2022. 121 Scientists and Engineers from various Research Centres attended the online Programme.

CIRCLE OFFICE, AGRA

MEETINGS/SEMINARS/WORKSHOPS/TRAININGPROGRAMMES/LECTURES:

1. Dr.A.P.Singh, Jt.CCE, Agra participated in online program with NIC on 08.06.2021 on e office sparrow for online APAR.
2. Dr.A.P.Singh, Jt.CCE, Agra participated in online meeting with Chief Controller of Explosives, Nagpur on 24.06.2021
3. Dr.A.P.Singh, Jt.CCE, Agra participated in online meeting with Additional Secretary, DPIIT, New Delhi on 28.06.2021.

4. Dr.A.P.Singh, Jt.CCE, Agra participated in online meeting of PESO Officer's Association on 29.06.2021.
5. Dr.M.K.Samota, Dy.CE, Agra and Sh.Madan Mohan Gupta, UDC, Agra participated in the online meeting regarding Bill / Accounts, organized by PAO, Nagpur on 24.06.2021,.
6. Dr.A.P.Singh, Jt.CCE, Agra participated in online meeting with Additional Secretary, DPIIT, New Delhi on 06.07.2021, 07.07.2021, 16.07.2021, 20.07.2021 and 30.07.2021.
7. Administrative Meeting was organized in Agra office on 10.08.2021,.
8. Dr.A.P.Singh, Jt.CCE, Agra participated in the meeting of Circle Heads organized by the Chief Controller of Explosives, Nagpur on 31.08.2021.
9. Dr. A.P.Singh, Jt.CCE, Agra participated in the meeting organized at DPIIT, New Delhi on 26.10.2021.
10. An online workshop cum training program was organized on 01.11.2021 on Complaints under Public Interest Disclosure and Protection and Informers (PIDPI) Resolution.
11. Jt.Chief Controller of Explosives, Agra organized online meeting regarding sale, purchase, storage and use of fireworks on 02.11.2021. All the officers of Central Circle participated in the above meeting.
12. On 03.11.2021, NEERI and CISR conducted a Webex Meeting on Green Fireworks in Fireworks Industries. All the officers of Central Circle participated in the meeting.
13. Dr. A.P.Singh, Jt.Chief Controller of Explosives, Agra attended the online meeting organized by State Minister, Ministry of Commerce and Industry, Govt. of India regarding preparation of oxygen availability on 30.12.2021,.
14. Dr. A.P.Singh, Jt.Chief Controller of Explosives, Agra attended meeting organized by Noida Development Authority on 09.02.2022,.
15. A review meeting of sub-circles of Central Circle was organized in the office of Jt.Chief Controller of Explosives, Agra on 28.02.2022. The heads of Allahabad and Dehradun sub-circles attended the meeting.
16. Shri R. K. Mandloi, Dy. Controller of Explosives, Allahabad attended a video conference with stake holders on "RFID (Radio Frequency Identification) tag for oxygen cylinders" organized by CCE, Nagpur on 25.05.2021.
17. Shri R.K.Mandloi, Dy. Controller of Explosives, Allahabad attended an online workshop on topic "ESparrow Portal" organized by CCE, Nagpur on 08.06.2021.
18. Dr. T. L. Thanulingam, DCCE and Shri R. K. Mandloi, Dy. Controller of Explosives, Allahabad attended an online meeting with LMO (Liquid Medical Oxygen) manufacturer for increase in production of LMO organized by NAPES & DTS, Gondkhairy, Nagpur on 10.06.21.

19. Special inspection drive for safety of fireworks premises was carried out during deepawali festival by a team of Officers of Allahabad office during the month of October-2021.
20. Dr.(Mrs.) R. R. Gupta, CE and Shri R. K. Mandloi, DCE attended an online video conference organized by CCE, Nagpur regarding “review of PESO circle/sub-circle office pertaining to the work related to Petroleum Act, 1934” on 24.09.2021.
21. Dr.(Mrs.) R. R. Gupta, CE and Shri R. K. Mandloi, DCE attended the one day online training program for “Engineers/supervisors/technical persons on safety wise filled, storage and transportation of oxygen in gases/liquid form” organised by NAPES & DTS, Gondkhairy, Nagpur on 01.10.2021.
22. All the officer and Staff of this office attended an online workshop on topic “Public Interest Disclosure and Protection of Informer (PIDPI)” during celebration of vigilance awareness week on 01.11.2021 organized by DPIIT & CCE, Nagpur.
23. Dr.(Mrs.) R. R. Gupta, Controller of Explosives & Shri R. K. Mandloi, DyCE, Allahabad attended a video conference with LE-1, LE-3 and LE-5 licensee regarding “Implementation of Hon’ble Supreme Court decision on green crackers” dated 29.10.2021 for all fireworks stake holders organised by Jt.CCE, Agra on 02.11.2021.
24. Dr.(Mrs.) R. R. Gupta, Controller of Explosives & Shri R. K. Mandloi, DyCE, Allahabad attended a webinar on “Formulation of green crackers” by CSIR-NEERI on 04.11.2021 organized by NAPES & DTS, Gondkhairy, Nagpur.
25. Dr. (Mrs.) R. R. Gupta, Controller of Explosives Allahabad attended an online training and workshop on 12.11.2021 and 13.11.2021 on topic “Preparatory training workshop for all persons desiring competency under Petroleum and SMPV (U) Rules, 2016” organised by CCE, Nagpur.
26. Dr. (Mrs.) R. R. Gupta, Controller of Explosives & Shri R. K. Mandloi, DyCE, Allahabad attended a webinar on topic “Fixing of GPS on Oxygen Tankers and telemetry on cryogenic vessels” on 26.11.2021.
27. An Administrative meeting held on 10.12.2021 by Allahabad office under the chairmanship of Dr. (Mrs.) R. R. Gupta, CE in which various issues related to this office was discussed.
28. Dr. (Mrs.) R. R. Gupta, Controller of Explosives, Allahabad conducted an administrative meetings along with all officers and staff members on “Digital Signature, digitalization of physical file through Gem Portal, Annual training calendar of year 2022-23 & Election Matter” on 18.12.2021.
29. An Administrative meeting held on 17.01.2022 & 14.01.2022 by Allahabad office under the chairmanship of Dr. (Mrs.) R. R. Gupta, CE to implement the recommendation given by DPIIT in view of meeting at Kolkata office on 28.12.2021 as per CCE,s Circular.

30. A workshop on “Record Retention Schedule” was conducted by Allahabad office under the chairmanship of Dr. (Mrs.) R. R. Gupta, CE on 25.01.2022. Shri R. K. Mandloi, DCE delivered a lecture on “Record Retention Schedule”. All officer and staff attended the workshop.
31. Dr. (Mrs.) R. R. Gupta, Controller of Explosives participated the “Quarterly Review Meeting” organized by Jt.CCE, Agra on 28.02.2022 under chairmanship of Dr. A. P. Singh, Jt.CCE, Agra.
32. Officers of Allahabad attended online Rajbhasha implementation activity review meeting organized by CCE, Nagpur under Rajbhasha Niyam/Adhiniyam for O/o. Jt.CCE, Agra, O/o. DyCCE, Allahabad & O/o. CE, Deharadun on 28.02.2022 at O/o. Jt. CCE, Agra.
33. Dr. (Mrs.) R. R. Gupta, Controller of Explosives, Allahabad conducted an administrative meetings along with all officers and staff members on regular basis to review the status of the office work, Online inward processing, Eisen vault, training calendar of year 2022-23 & inspection of MAH premises on 02.03.2022.
34. Special inspection drive for MAH Premises was conducted by team of officers of The O/o. Dy.CCE, Allahabad on direction of CCE, Nagpur.
35. Dr. (Mrs.) R. R. Gupta, Controller of Explosives and Shri R. K. Mandloi, DCE attended an online meeting organized by CCE, Nagpur on topic “Discussion on Concept Note for Auto inwards” on 22.03.2022.
36. Shri R. K. Mandloi, DCE attended the one day online training programe on “Safety during manufacturing of Slurry explosives, emulsion explosives, DF & Detonators” for stake holders organised by NAPES & DTS, Gondkhairy, Nagpur on 24.03.2022.
37. Shri R. K. Mandloi, DCE attended the one day online training program “Manufacturing of Electric Detonators, Nonel Detonators & Electronic Detonators” organised by NAPES & DTS, Gondkhairy, Nagpur on 25.03.2022.
38. Shri D.V.Singh, DyCE/DDO, Dehradun participated in a webinar was organized by PAO, Nagpur on 24.06.2021 regarding Payment by Gem, NPS Status, Pension Scheme & GPF final payment.
39. All officers of Allahabad office participated in a webex webinar organized by Jt, CCE, Agra on 02.11.2021 regarding safety on sale, purchase, storage and use of fireworks.
40. All officers participated in a webex webinar organized by NEERI & CISR, Nagpur on 03.11.2021 regarding manufacturing of green fireworks.
41. A Zoom Webinar was organized by Director, Health Services and State Nodal Officer, Dehradun on 04.02.2022 with all oxygen filling plants and Hospitals of Uttarakhand regarding safe handling of oxygen. A lecture was delivered by Dr B.Singh, CE under Gas

Cylinders Rule 2016 & SMPV Rules 2016. Shri D.V.Singh, DyCE also participated in the program.

42. All officers of Allahabad office participated in a webinar organized by CCE, Nagpur on 22.02.2022 regarding National Single Window System (NSWS).
43. All officers and staff participated in a webinar organized by CCE, Nagpur on 08.03.2022 regarding International Womens Day.
44. A zoom webinar organized by PESO, Dehradun on 16.03.2022 with oil companies and bowser owners of uttarakhand regarding issues of bowser operation. A lecture was delivered by Dr B.Singh, CE under Petroleum Rules 2002.
45. All Officers of Allahabad office participated in a webinar organized by CCE, Nagpur on 22.03.2022 regarding Auto Inward.
46. Shri D.V.Singh, Dy.CE, Dehradun participated in a training program organized by DYCCE, Gondkhairy, Nagpur on 25.03.2022 for Capacity Building of Dy Controller of Explosives regarding manufacturing of detonators.

CIRCLE OFFICE, BHOPAL

MEETINGS/SEMINARS/WORKSHOPS/TRAININGPROGRAMMES/LECTURES:

1. Shri Waji Ud Din, Jt.CCE and Shri Tejveer Singh, Dy.CE, Bhopal attended online meeting on 03.04.2021 chaired by Jt.CCE, Nagpur (HOD) regarding availability of Cryogenics tankers.
2. Shri Waji Ud Din, Jt.CCE and Shri Tejveer Singh, Dy.CE, Bhopal attended online meeting on 06.04.2021 chaired by AS, DPIIT, New Delhi regarding availability of oxygen with LMO manufacturers.
3. Shri Rajendra Rawat, CE and Shri Tejveer Singh, Dy.CE, Bhopal attended meeting on 07.04.2021 organized by Commissioner, MSME at Secretariat Vallabh Bhawan, Bhopal regarding availability of Cryogenics tankers and availability of Oxygen fillers in M.P.
4. Shri Waji Ud Din, Jt.CCE and Shri Tejveer Singh, Dy.CE, Bhopal attended meeting on 10.04.2021 organized by Commissioner Foods & Drugs regarding availability of Oxygen in M.P.
5. Shri Waji Ud Din, Jt.CCE and Shri Tejveer Singh, Dy.CE, Bhopal attended meeting on 12.04.2021 organized by M.P. Oxygen Management team with Assistant Secretary, Health (M.P.) regarding availability of Oxygen in M.P.

6. Shri Waji Ud Din, Jt.CCE and Shri Tejveer Singh, Dy.CE, Bhopal attended meeting on 13.04.2021 organized by State Govt. and Ministry of Welfare (M.P.) regarding availability and status of High burden of Oxygen in M.P.
7. Shri Waji Ud Din, Jt.CCE and Shri Tejveer Singh, Dy.CE, Bhopal attended online meeting on 14.04.2021 conducted by M.P. Govt. Oxygen team regarding easy distribution of LMO statewide.
8. Shri Waji Ud Din, Jt.CCE and Shri Tejveer Singh, Dy.CE, Bhopal attended online meeting on 15.04.2021 conducted by Health and family welfare regarding availability & demand of oxygen in M.P.
9. Shri Waji Ud Din, Jt.CCE and Shri Tejveer Singh, Dy.CE, Bhopal attended online meeting on 08.05.2021 chaired by AS, DPIIT, New Delhi regarding City wise monitoring of LMO.
10. Shri Waji Ud Din, Jt.CCE, Shri Rajendra Rawat, CE and Shri Tejveer Singh, Dy.CE, Bhopal attended online meeting on 13.05.2021 chaired by Director, DPIIT, New Delhi regarding Oxygen Digital Tracking System (ODTS) system.
11. Shri Waji Ud Din, Jt.CCE, Shri Rajendra Rawat, CE and Shri Tejveer Singh, Dy.CE, Bhopal attended online meeting on 15.05.2021 chaired by Chief Controller of Explosives, Nagpur regarding supply of Oxygen in Hospitals and City wise monitoring data of LMO.
12. Shri Waji Ud Din, Jt.CCE and Shri Tejveer Singh, Dy.CE, Bhopal attended online meeting on 21.05.2021 chaired by Shri Mukul Gaur, Min. of Information & Technology, New Delhi regarding ODTS system.
13. Shri Waji Ud Din, Jt.CCE and Shri Tejveer Singh, Dy.CE, Bhopal attended online meeting on 21.05.2021 chaired by Shri P.Narahari, Commissioner of Food and Drugs, MP Govt. regarding Oxygen Audit as per Hon'ble Supreme Court order.
14. Shri Waji Ud Din, Jt.CCE and Shri Tejveer Singh, Dy.CE, Bhopal attended online meeting on 22.05.2021 chaired by Shri P.Narahari, Commissioner of Food and Drugs, MP Govt. regarding Oxygen Audit as per Hon'ble Supreme Court order.
15. Shri Waji Ud Din, Jt.CCE and Shri Tejveer Singh, Dy.CE, Bhopal attended online meeting on 25.05.2021 chaired by Director, DPIIT, New Delhi regarding RIFD tagging system of cylinders.
16. 8. Shri Waji Ud Din, Jt.CCE, Bhopal attended online meeting on 25.05.2021 chaired by Shri Amarnath, AS, DPIIT, New Delhi regarding Oxygen Audit as per Hon'ble Supreme Court order.
17. Shri Waji Ud Din, Jt.CCE and Shri Tejveer Singh, Dy.CE, Bhopal attended online meeting on 17.06.2021 chaired by AS, DPIIT, New Delhi regarding ODAS.

18. Shri Waji Ud Din, Jt.CCE, Bhopal attended online meeting on 23.06.2021 conducted by Controller Food & Drugs, Bhopal regarding Oxygen audit as per Hon'ble Supreme Court Order.
19. Shri Tejveer Singh, Dy.CE, Shri M.T.Khade, UDC and Shri Somvir, LDC attended online meeting on 24.06.2021 conducted by PAO, Nagpur regarding Pendency of bills and other accounts matters.
20. Shri Waji Ud Din, Jt.CCE and Shri Tejveer Singh, Dy.CE, Bhopal attended virtual meeting on 19.08.2021 chaired by AS, DPIIT, New Delhi regarding discussion on Oxygen Digital Tracking System (ODAS).
21. Dr. M.I.Z.Ansari, Dy.CCE, Bhopal and Shri Rajendra Rawat, CE, Bhopal attended meeting on 27.11.2021 organized by District Magistrate, Bhopal regarding fireworks premises.
22. Dr. M.I.Z.Ansari, Dy.CCE, Bhopal, Shri Rajendra Rawat, CE and Shri Tejveer Singh, Dy.CE, Bhopal attended online VC Workshop-cum-Training programme on 01.11.2021 conducted by Joint Secretary, DPIIT, New Delhi regarding "Complaints under Public Interest Disclosure and Protection of Informers (PIDPI) Resolution".
23. Dr. M.I.Z.Ansari, Dy.CCE, Bhopal attended the AIIGMA Seminar on 28.10.2021 at Mumbai on Development of oxygen infrastructure in Post Covid word as special invitee.
24. Dr. M.I.Z.Ansari, Dy.CCE, Bhopal and Shri Tejveer Singh, Dy.CE, Bhopal attended meeting on 16.12.2021 conducted by Additional Secretary, Food & Civil Supplies, MP Govt. regarding Bio diesel.
25. Dr. M.I.Z.Ansari, Dy.CCE, Bhopal and Shri Tejveer Singh, Dy.CE, Bhopal attended meeting on 22.12.2021 conducted by CEO, Public Health Corp., MP Govt. regarding Medical Oxygen issues.
26. Dr. M.I.Z.Ansari, Dy.CCE, Bhopal and Shri Tejveer Singh, Dy.CE, Bhopal attended meeting on 24.12.2021 conducted by Principal Secretary Health & Nodal Officer Health, MP Govt. regarding monitoring of Medical Oxygen.
27. Dr. M.I.Z.Ansari, Dy.CCE, Bhopal and Shri Tejveer Singh, Dy.CE, Bhopal attended meeting on 10.01.2022 conducted by Deputy Secretary, Commercial Tax Department, Vallabh Bhawan, Bhopal regarding distilleries.
28. Dr. M.I.Z.Ansari, Dy.CCE, Bhopal and Shri Tejveer Singh, Dy.CE, Bhopal attended Video Conference meeting on 14.01.2022 conducted by Principal Secretary Health & Nodal Officer Health, MP Govt. regarding Oxygen Audit.
29. Jt. Chief Controller of Explosives, Bhopal circle officers and staff members attended Video Conference webinar on 08.03.2022 regarding International women's day celebration organized by CCE, Nagpur.

30. Shri Tejveer Singh, Dy. CE, Bhopal has attended virtual training programme for Safety during Manufacturing of Slurry Explosives and Emulsion Explosives, DF and Detonators organized by NAPES & TS, Gondkhairi during 24.03.2022 to 25.03.2022.
31. Dr. MIZ Ansari, Jt.CCE, Bhopal delivered lecture on 29.03.2022 regarding “Attaining HSE Sustainability Through: Safety Management System, Case Studies, Technologies” organized by GAIL (India) Limited at Ujjain (M.P.).
32. Shri. Ashendra Singh, CE, Raipur delivered a talk/lecture on RFID Technology in a meeting conducted by National Task Force on 28.05.2021.
33. Shri. Ashendra Singh, CE, Raipur has attended the 2nd Quarterly Hindi workshop at O/o Jt. CCE, Bhopal on dated 30.09.2021.
34. Shri Raj Kumar Dy. CE, Raipur has attended virtual training programme for “Safety while filling, storage and transportation of Oxygen in gas /liquid form” organized by NAPES & TS, Gondkhairi during on 01.10.2021.
35. Shri Raj Kumar, Dy. Controller of Explosives, Raipur has attended virtual workshop on “Ethics and Values in Public Governance” organized by ISTM, New Delhi during 25.10.2021 to 27.10.2021.
36. Shri. Ashendra Singh, CE, Raipur, Shri R.H. Borkar, Dy. CE, and Shri Raj Kumar Dy. CE, Raipur have attended virtual meeting on Inflammable Substances Act,1952 along with Distilleries situated in MP and CG hosted by Jt.CCE ,Bhopal on 06.03.2022.
37. Fourth Quarter Hindi workshop was organized on 14.03.2022 in which Ms. Suparna Sawin, Hindi Officer, M/s Indian Oil Corporation Limited, Raipur was invited as the Chief Guest.
38. Shri R.H. Borkar, Dy. CE, and Shri Raj Kumar Dy. CE, Raipur have attended virtual training programme for Safety during Manufacturing of Slurry Explosives and Emulsion Explosives, DF and Detonators organized by NAPES & TS, Gondkhairi during 24.03.2022 to 25.03.2022.

CIRCLE OFFICE, FARIDABAD

MEETINGS:

1. A Meeting chaired by AS, DPIIT on LMO management was attended by Sh. R.N.Meena, Jt.CCE on dated 27/04/2021 through video conference.
2. A Review Meeting on LMO Supply from M/s Air Liquide Panipat and Roorkee) chaired by AS, DPIIT through video conference on LMO management was attended by Sh. R.N.Meena, Jt.CCE on dated 27/04/2021.

3. A Review Meeting on LMO Supply from M/s Air Liquide Panipat and Roorkee) chaired by AS, DPIIT through video conference on LMO management was attended by Sh. R.N.Meena, Jt.CCE on dated 27/04/2021.
4. A Meeting chaired by Sh. Piyush Goyal, Minister of Commerce & Industry, through video conference on LMO supply issues was attended by Sh. R.N.Meena, Jt.CCE on dated 01/05/2021.
5. A Meeting chaired by AS, DPIIT through video conference regarding analysing Storage Capacity of Hospitals issues was attended by Sh. R.N.Meena, Jt.CCE on dated 05/05/2021.
6. A Meeting chaired by AS, DPIIT through video conference to give wide publicity of the Circular regarding “Training program for Drivers, Supervisors/Technical persons for safe handling (loading/unloading) and Transportation of Cryogenic liquids” was attended by Sh. R.N.Meena, Jt.CCE on 25/05/2021.
7. A Meeting chaired by AS, DPIIT through video conference regarding Discussion on use of other non toxic non flammable cylinders other than oxygen was attended by Sh. R.N.Meena, Jt.CCE on dated 27/05/2021.
8. A Meeting chaired by AS, DPIIT through video conference regarding discussion on TPIA was attended by Sh. R.N.Meena, Jt.CCE on dated 16/06/2021.
9. A Meeting coordinated by PAO, Nagpur through video conference regarding discussion on Payment through Gem, NPS Status, compilation, NTRP, verification of services, pension case, GPF Final Payment Cases was attended by Sh. K.P.Sharma, CE on dated 24/06/2021.
10. A Meeting chaired by AS, DPIIT through video conference regarding discussion on Review of PESO on dated 25/06/2021 was attended by Sh.R.N. Meena, Jt.CCE.
11. A meeting through video conference under the Chairmanship of Ms. Sumita Dawra, Additional Secretary, DPIIT to Review PESO on dated 28/06/2021 was attended by Sh.R.N. Meena, Jt.CCE.
12. Shri R, N. Meena, Jt.CCE and Dr. S.K.Singh, CE attended meeting on review of PESO at DPIIT, Delhi on dated 30/6/2021.
13. A meeting through video conference under the Chairmanship of Ms. Sumita Dawra, Additional Secretary, DPIIT to Review PESO on dated 06/06/2021 and 07/06/2021 was attended by Sh.R.N. Meena, Jt.CCE.
14. A meeting attended by Sh. R.N.MEENA, Jt CCE and Dr. S.K. Singh, CE attended meeting on review of PESO at Ministry, Delhi on 13/07/2021.
15. A meeting through VC for review of employment of Child & Adolescent Labour (Prohibition & Regulation) Act, 1986 by the technical Advisory Committee on 16/07/2021 was attended by Sh. R.N.Meena, Jt.CCE.

16. The meeting through video conference chaired by Ms. Sumita Dawra, AS, DPIIT to Review PESO on 20/07/2021 and 30/07/2021 were attended by Sh. R.N.Meena, Jt.CCE.
17. A meeting attended by Sh. R.N.MEENA, Jt CCE and Dr. S.K.SINGH, CE at Ministry, Delhi under the chairpersonship of Ms. Sumita Dawra, AS. DPIIT to discuss amendment proposed in Explosives Rules 2008 on 16/08/2021.
18. A Meeting of Circle Heads of North Circle and South Circle was attended by Sh. R N Meena, Jt.CCE at Nagpur HQ to discuss issues regarding administrative exigencies in PESO on 09/09/2021.
19. A Meeting was attended by Sh. R N Meena, Jt CCE with AS, DPIIT regarding Oxygen management on 13/09/2021.
20. A Meeting was attended by Sh R N Meena Jt.CCE and Dr. S.K.Singh CE regarding Tracking mechanism for Ammonium Nitrate at NSCS Sardar Patel Bhawan, New Delhi on 15/9/2021.
21. A Meeting was attended by Sh.R.N.Meena, Jt.CCE, in PESO office with Stake Holders regarding LMO on dated 20/09/2021.
22. Sh. R N Meena, Jt.CCE and Dr. S.K.SINGH, CE attended meeting on review of PESO at DPIIT New Delhi on 21/09/2021 and 22/09/2022.
23. A Meeting chaired by AS, DPIIT through video conference regarding Review of PESO on dated 23/09/2021 was attended by Sh. R.N.Meena, Jt.CCE.
24. A meeting through VC was attended by Sh. R.N.Meena, Jt.CCE on review of PESO pertaining to work related with Petroleum Act 1934 chaired by CCE on dated 24/09/2021.
25. The Meetings chaired by AS, DPIIT through video conference regarding review of PESO on dated 28/09/2021, 29/09/2021, 30/09/2021, 05/10/2021, 06/10/2021, 11/10/2021.
26. A meeting through VC on Review of PESO under the Chairmanship of Hon'ble MoS (C&I) on 18/10/2021 was attended by Sh.R.N.Meena, Jt.CCE.
27. A meeting through VC regarding review of PESO attended by Sh R.N.Meena, Jt.CCE and Dr. S.K.SINGH CE at Ministry, New Delhi on dated 26/10/2021.
28. A meeting through VC on Development of Oxygen infrastructure in Post COVID situation on 28/10/2021 was attended by Sh.R.N.Meena, Jt.CCE.
29. A meeting through VC on vigilance Awareness Week was attended by all PESO officers and staff on 01/11/2021.
30. Sh. R.N. Meena Jt.CCE and DR. S.K.SINGH CE attended a meeting at DPIIT, New Delhi on review of PESO on 02/11/2021.
31. A Meeting chaired by AS, DPIIT through video conference was attended by Sh. R.N. Meena Jt.CCE regarding review of PESO on 09/11/2021.

32. A VC regarding discussion on Implementation of ODTS in PESO on 10/11/2021 was attended by Sh.R.N.Meena, Jt.CCE.
33. Sh. R N Meena Jt.CCE and Dr. S.K.SINGH CE attended meeting on review of PESO at DPIIT New Delhi on 17/11/2021.
34. A VC meeting on Examination of TPIA recognition through NPC was attended by Sh. R N Meena Jt.CCE on 23/11/2021.
35. A VC meeting chaired by HOD Nagpur with All Circle and Sub Circle offices of PESO regarding DPIIT proposal on modification and amendment of definition of CCE in Explosives Act 1884 and Petroleum Act 1934 regarding was attended by Sh. R.N. Meena Jt.CCE on 27/11/2021.
36. Sh. R.N.Meena Jt. CCE and Dr. S.K.SINGH CE attended VC review on PESO on 08/12/2021 chaired by AS, DPIIT.
37. Sh. R.N. Meena Jt CCE and Dr. S.K.SINGH CE attended VC regarding Global Rules Study on 13/12/2021, 14/12/2021 and 15/12/2021.
38. Sh. R.N. Meena Jt CCE and Dr. S.K.SINGH CE attended meeting at DPIIT Delhi regarding PESO Matters on 27/12/2021.
39. A Meetings chaired by AS, DPIIT through video conference regarding discussion DPIIT to Review PESO on dated 03/01/2022, 04/01/2022, 08/01/2022, 09/01/2022, 10/01/2022, 17/01/2022, 18/01/2022 and 19/01/2022.
40. A Meeting was attended by Sh R.N. Meena Jt. CCE and Dr. S.K.SINGH CE under the Chairmanship of Shri Anurag Jain, Secretary, DPIIT at Delhi to discuss the proposed amendments in Explosives Rules, 2008 regarding on 22/02/2022.
41. A meeting through VC regarding review of PESO was attended by Sh R.N.Meena, Jt.CCE and Dr. S.K.SINGH CE on 24/02/2022.
42. A Meeting was attended by Sh R.N. Meena, Jt CCE and Dr. S.K.SINGH CE under the Chairmanship of Hon'ble MoS (C&I) to discuss the issues related to circular issued by PESO on inclusion of name of dealers in the license in Form XIV of PR 2002-regarding. 25/02/2022.
43. A meeting with DPIIT for discussion on Amendment of Petroleum Rules 2002 was attended by Sh R.N. Meena, Jt CCE on 03/03/2022.
44. Sh R.N. Meena, Jt CCE and Dr. S.K.SINGH, CE attended VC on SMPV Rules on 08/03/2022.
45. A VC meeting regarding selection of Competent Persons by NPC was attended by Sh.R.N.Meena, Jt.CCE on 08/03/2022.
46. A VC meeting on amendment of Explosives Rules 2008, coordinated by CCE and DPIIT was attended by Sh.R.N.Meena, Jt.CCE on 09/03/2022.

47. Sh. R.N. Meena Jt.CCE and Dr. S.K.SINGH CE attended meeting at DPIIT New Delhi regarding review of PESO on 15/03/2022 and 16/03/2022.
48. A VC meeting regarding pending online Inwards, discussion on Concept Note for Auto Inward hosted by CCE was attended by Sh.R.N.Meena, Jt.CCE on 21/03/2022.
49. Sh. R.N. Meena Jt.CCE attended meeting on SAMPARK, SAMANVAY AND SAMBAD Organized by Invest India at Ashoka Hotel, New Delhi on 26/03/2022.
50. Shri G. Kumaraswamy, Deputy Chief Controller of Explosives, Chandigarh attended VC meetings with the Joint Secretary, DPIIT & the Chief Controller of Explosives, Nagpur regarding inventory of medical oxygen cylinders in the respective jurisdiction.
51. Shri G. Kumaraswamy, Deputy Chief Controller of Explosives, Chandigarh attended the meeting in the O/o. the Joint Chief Controller of Explosives, North Circle, Faridabad on 10.03.2022. Deputy Chief Controller of Explosives, Chandigarh submitted a powerpoint presentation during the visit of the Secretary, DPIIT, New Delhi.
52. Sh. G.K. Pandey, CE and Sh. Rabindra Jain Biruly, Dy. CE, attended a meeting at Udyog Bhawan, Near Rajasthan Secretariat, Jaipur in the Chamber of Sh. Ashutosh Pednekar, IAS, MD, Industries , Rajasthan for arrangement of Liquid Oxygen tanker in the State of Rajasthan on 17.04.2021.
53. Sh. Ajai Singh, Dy.CCE, Jaipur attended meetings chaired by The Secretary, Ministry of Road Transport and Highways, The Additional Secretary, DPIIT, The Joint Secretary, Ministry of Road Transport and Highways and The Chief Controller of Explosives, Nagpur along with other officers for discussion on Empowered Group-2 items and ODTs organized by PESO on 26.04.2021, 13.05.2021 and 21.05.2021.
54. A WebEx meeting on Medical Oxygen Reports (all types) conducted by the Chief Controller of Explosives, Nagpur on 30.04.2021. All the officers of this office attended the web meeting.
55. Sh. Ajai Singh, DY. CCE, Jaipur and Sh. G.K. Pandey, CE attended a meeting at Udyog Bhawan, Near Rajasthan Secretariat, Jaipur in the Chamber of Sh. Ashutosh Pednekar, IAS, MD Industries Rajasthan for the arrangement of Liquid Oxygen Tanker in the State of Rajasthan on 11.05.2021, 12.05.2021 and 13.05.2021.
56. Sh. Ajai Singh, DY. CCE, Jaipur and Sh. G.K. Pandey, CE attended a meeting at Rajasthan Secretariat in the Chamber of Sh. Siddharth Mahajan, IAS, Health Secretary, Govt. of Rajasthan regarding the Medical Oxygen issues in the State on 28.05.2021.
57. All the officers of O/o Dy.CCE, Jaipur office attended an online NIC (sparrow) demonstration program A.P.A.R filled online implemented in PESO on 08.06.2021.

58. All officers of O/o Dy.CCE, Jaipur attended a WebEx meeting organized by Ministry of Commerce and Industries, Udhyog Bhawan, New Delhi for LMO production enhancement in existing LMO manufacturing plants on 10.06.2021.
59. Shri Ajai Singh, Dy.CCE, Jaipur attended a virtual meeting chaired by The Secretary, Ministry of Home Affairs, The Joint Secretary, Ministry of Home Affairs and Director, NIC, Sh. S. Dhoke on recent developments on LSDA module on 11.06.2021.
60. An administrative meeting was conducted by Shri Ajai Singh, Dy.CCE, Jaipur in the O/o Dy.CCE, Jaipur on 12.08.2021. All the officers and staff members were present at the meeting.
61. An administrative meeting was conducted by Shri Ajai Singh, Dy.CCE, Jaipur in the O/o Dy.CCE, Jaipur on 30.09.2021. All the officers and staff members were present at the meeting.
62. Dr. G.K. Pandey, CE, Jaipur attended RTI hearing through video conferencing conducted by 1st Appellate Authority in O/o CCE, Nagpur under RTI ACT 2005 on 14.10.2021.
63. A review meeting was conducted under the Chairmanship of Hon'ble Minister of State, Ministry of Commerce & Industry, Sh. Som Prakash on 21.11.2021 in the Conference Hall of PESO, Jaipur.
64. VC meeting convened by Jt.CCE, Nagpur (HOD) with all Circles and Sub-Circle offices of PESO on 27.11.2021. Shri Ajai Singh, Dy.CCE, along with all the officers of PESO, Jaipur was present at the meeting.
65. A meeting was attended by Sh. Bhupendra Singh. Dy.CE, Jaipur on 02/12/2021 in the office of Karamchari Kalyan Samnavya Samiti, Jaipur. The other Central Govt. Departments officials participated in meeting.
66. Sh. Ajai Singh, Dy. CCE, Jaipur and Dr. G.K. Pandey, CE, Jaipur attended a webinar conducted by the Chief Controller of Explosives, Nagpur on National Single Window System (NSWS) in the Explosives Rule, 2008, Gas Cylinder Rules 2016 and SMPV (U) Rules 2016 on 22.02.2022.
67. Sh. Ajai Singh, Dy. CCE, Jaipur attended a webinar organized by the O/o CCE, Nagpur on women empowerment at the occasion of Women's day on 08.03.2022. Madam CCE was the chief guest on the occasion.
68. Shri Ajai Singh, Dy.CCE, Jaipur attended a review meeting in the office of Joint Chief Controller of Explosives, NC, Faridabad on 10/03/2022. The meeting was chaired by Sh. Anurag Jain, The Secretary, DPIIT, Ministry of Commerce and Industries, New Delhi.

SEMINAR/WORKSHOP/LECTURES/TRAINING:

1. A workshop for aspirants of Competent persons under Petroleum Rules, 2002 regarding

2002 conducting of examination by NAPES and TS was organized on 12.11.2021.

2. A workshop for aspirants of Competent persons under SMPV Rules 2016 regarding conducting of examination by NAPES and TS was organized on 13.11.2021.
3. Shri Sunil Manohar Singh, Dy.CE attended workshop on next phase of reforms for reducing compliance burden conducted by DPIIT at Dr. Ambedkar International Centre, New Delhi on 22.12.2021.
4. Shri G. Kumaraswamy, Dy. Chief Controller of Explosives, Chandigarh delivered the lecture during the Vigilance Awareness Week was observed w.e.f. 26.10.2021 to 01.11.2021.
5. Shri Bhupendra Singh, Dy. CE, and Sh. Rabindra Jain Biruly, Dy. CE Jaipur attended online training on Manufacturing of Electric Detonators (ED), Nonel Detonators and Electronic Detonators conducted by NAPES, Gondkhairy on 25.03.2022.
6. Shri Ajai Singh, Dy. CCE, Jaipur attended workshop by virtual mode on 10.06.2021, organized by NAPES, Gondkhairy, Nagpur for exploration of technical possibilities to enhance the LMO production in the existing LOX manufacturing plant.
7. Online Workshop cum Training Programme on “Complaints under public interest Disclosure and Protection of Informers(PIDPI) Resolution” organized on 01.11.2021 as part of observation of “ Vigilance Awareness Week ” organized by DPIIT, New Delhi. All the officers and staff members were attended the workshop and training programme in this office.
8. Shri Ajai Singh, Dy. CCE, Jaipur and Shri S. Kandasamy, Controller of Explosives, Jaipur delivered a lecture on importance of general safety and good housekeeping at M/s Indian Oil Corporation Limited Terminal, Mohanpura, Jaipur on 25.03.2022.
9. Shri Ajai Singh, Dy. CCE, Jaipur and Sh. S.Kandasamy, Controller of Explosives, Jaipur attended Level – II mock drill at M/s Indian Oil Corporation Limited, Terminal, Mohanpura, Jaipur on 25.03.2022.

CIRCLE OFFICE, CHENNAI

MEETINGS /SEMINAR/WORKSHOP/LECTURES/TRAINING:

1. Dr Sanjana Sharma, Jt. Chief Controller of Explosives, Chennai has attended all the meetings conducted by DPIIT, Ministry of Commerce and Industries.
2. Dr Sanjana Sharma, Jt. Chief Controller of Explosives has attended all the meetings conducted by the Chief Controller of Explosives, Nagpur.

3. Dr Sanjana Sharma, Jt. Chief Controller of Explosives had visited Chikaballapur, Karnataka in connection with NGT inquiry matters in April 2021.
4. Dr. D. C. Pandey, Controller of Explosives attended a VC meeting on 06.04.2021, 08.04.2021, 11.04.2021 convened by Additional Secretary, DPIIT on medical oxygen.
5. Dr D.C. Pandey, Controller of Explosives attended a VC on 08.04.2021 convened by Additional Secretary, DPIIT on medical oxygen.
6. Dr D.C. Pandey, Controller of Explosives attended a VC on 08.04.2021 convened by Additional Secretary, MOHFW.
7. Dr D. C. Pandey, Controller of Explosives attended a VC on 30.04.2021, 02.05.2021 called by Additional Secretary, DPIIT on medical oxygen.
8. Dr D.C. Pandey, Controller of Explosives visited to Tondiyarpet Contailner Depot to access the feasibility of unloading/loading of liquid oxygen received through railway wagon.
9. Dr D.C. Pandey, Controller of Explosives attended VC with Commissioner of Revenue Administration Tamilnadu state on Disaster Management on 07.07.2021
10. Dr D.C. Pandey, Controller of Explosives attended a meeting called by committee for medical oxygen delivery on requirement of manufacture, storage and transportation of Medical oxygen on 03.09.2021.
11. Dr D. C. Pandey, Controller of Explosives attended Award Ceremony of BIS at Chennai on 24.09.2021.
12. Dr.D.C. Pandey, Controller of Explosives attended a court case in Honourable Adiitional Judicial Magistrate Court at Bhiloda, Gujrat.
13. Dr T.L. Thanulingam had attended a metting on 21.02.2022 on single window online NOC system at Secretariat Chennai chaired by Chief Secretary TamilNadu state.
14. PESO Sivakasi has conducted an awareness meeting with all the stakeholders on 16.11.2021 in which the directions of Hon'ble Supreme Court of India were read and explained to all the members. The meeting was attended by all the officers of the PESO, Sivakasi.
15. PESO Sivakasi has conducted an awareness programme with all the manufacturers at FRDC, Center on 24.09.2021 for strict ban on lar items and Barium and its salts. The meeting was attended by all the officers of the PESO, Sivakasi.
16. PESO Sivakasi has conducted an awareness programme with all the dealers at FRDC, Center on 27.09.2021 for strict ban on Lar items (joined crackers) and Barium and its salts. The meeting was attended by all the officers of the PESO, Sivakasi.
17. PESO Sivakasi has conducted an awareness meeting with the office bearers of various associations like TANFAMA, TIFMA, TAFMA & FTFT ets. at FRDC, Center on 02.11.2021 for strict ban on lar items and Barium and its salts and regarding the immediate

- suspension for the violators. The meeting was attended by all the officers of the PESO, Sivakasi.
18. A safety awareness programme was conducted on 09.03.2022 at 15:00 hrs in the O/o Deputy Chief Controller of Explosives, Sivakasi in which all the officers took part and shared their experiences.
 19. All the officers of PESO Ernakulam attended Medical Oxygen Review Meetings with Oxygen manufacturer/ District
 20. Authorities attended nearly 25 meetings on daily basis to ensure the supply of oxygen to the various hospitals in the state of Kerala.
 21. Dr. P.K. Rana, CE attended a meeting on 11/04/2021 chaired by Secretary DPIIT and AIIGMA regarding the manufacturing of Oxygen and its supply.
 22. Dr. R. Venugopal, DCCE attended a meeting of the PESO Nodal officers chaired by Additional Secretary DPIIT on 14/04/2021 and 20/04/2021.
 23. Dr. R.Venugopal, Dy.CCE attended Oxygen Audit sub Group meeting on 08/06/2021.
 24. All officers attended VC meeting on LMO production on 10/06/2021.
 25. All officers attended VC meeting for ODTS on 16/06/2021 and 17/06/2021.
 26. Dr. R. Venugopal, Dy.CCE conducted LPG Safety awareness programme on line for IOC Indane Gas distributors of Trivandrum, Kollam and Alleppey on 06/07/2021 - 98 distributors were participated.
 27. Dr. R. Venugopal, Dy.CCE conducted LPG Safety awareness programme on line for IOC Indane Gas distributors of Pathanamthitta, Kottayam and Ernakulam on 07/07/2021 - 100 distributors were participated.
 28. Dr. R. Venugopal, Dy.CCE conducted LPG Safety awareness programme on line for IOC Indane Gas distributors of Idukki, Thrissur, Palakkad, Mahe, Malappuram and Lakshadweep on 08/07/2021 - 100 distributors were participated .
 29. Dr. R. Venugopal, Dy.CCE conducted LPG Safety awareness programme on line for IOC Indane Gas distributors of Kozhikode, Wayanad, Kannur and Kasaragod on 09/07/2021 - 74 distributors were participated.
 30. Dr.P.K. Rana, CE delivered presentation to LPG officers and distributors on LPG Storage Safety on 6th, 7th & 9th July,2021.
 31. Shri S. Saravanan, DCE delivered talk on LPG Storage Safety for LPG dealers on 8th July,2021.
 32. Shri Anil Kumar T., DCE delivered talk on LPG Storage Safety for LPG dealers on 9th July,2021.
 33. Officers of O/o Dy.CCE Cochin attended the following meeting:
 - Online meeting with Cochin Port Trust on 09/08/2021

- ODTs meeting with Joint Secretary, MeitY on 19/08/2021
 - Oxygen consumption Review Meeting with Jt. Secretary, DIPP on 31/08/2021
34. Dr. R. Venugopal, Dy.CCE inaugurated the Fire and Safety Training Centre (FSTC) at IOCL Cochin Terminal, Irumpanam on 18/08/2021.
 35. Dr.R. Venugopal, Dy.CCE delivered keynote address on" sustaining life in the times of COVID pandemic- Ensuring Oxygen supply in COVID affected Kerala" on the occasion of Engineers Day on 15/09/2021 at Institution of Engineers(India), Kerala Centre, Thiruvananthapuram
 36. A workshop through video conferencing on “Creating a culture of Integrity in Children” was organized by Ernakulam office on 30/10/2021. 40 students of St. Albert’s Higher Secondary School, Ernakulam with 5 teachers participated in the programme. Dr. Semichan Joseph, Asstt. Professor School of Social Work, Bharat MathaCollege, Ernakulam presented a talk on integrity. All PESO officers, Staff members and their family members attended the programme.
 37. Dr. Venugopal, Dy.CCE attended panel discussion on” challenges faced in ensuring uninterrupted supply of medical oxygen at the time of the Covid Pandemic “ organized by AIIGMA at Hotel Renaissance, Powai, Mumbai on 28/10/2021.
 38. All officers of PESO, Kochi attended workshop cum training programme organized by DPIIT through virtual platform on “Complaints under Public Interest Disclosure and Protection of Informers (PIDPI) Resolution” on 01/11/2021.
 39. Organized VC meeting with fireworks shop owners as per CCE's Order No. E3(7)221/FW/2021 and advised all stake holders regarding the observance of the Supreme Court directives on 01/11/2021.
 40. Attended Webex meeting organized by CCE on ASU for Medical Oxygen cylinder mapping on 02/11/2021.
 41. Office of PESO, Kochi attended Webex meeting on LMO MS chaired by CCE Nagpur on 21/12/2021.
 42. Office of PESO, Kochi attended Webex meeting on Oxygen preparation chaired by Commerce and Industry (CH M) Minister on 30/12/2021.
 43. Dr. P.K. Rana, CE attended VC meeting with DM Ernakulam, BPCL and IMA regarding Medical Oxygen on 08/03/2022.
 44. Dr D. L. Kamble, CE conducted training program for new short firer on 07/06/2021
 45. Dr. D. L. Kamble, CE attended meeting conducted by District Collectorate office Vellore on 27/12/ 2021.
 46. Dr. D. L. Kamble, CE attended 2 video conference meeting conducted by PESO.

47. Shri Amit Goyal, Deputy Controller of Explosives has given safety training to workers of fireworks factories at various occasions during the inspection of the premises.
48. Shri Pravesh Kumar, Deputy Controller of Explosives has given safety training to workers of fireworks factories at various occasions during the inspection of the premises.
49. Shri Pravesh Kumar, Deputy Controller of Explosives attended webinars through 'Cisco Webex meetings app' conducted by CCE, Nagpur.
50. Shri Pravesh Kumar, Deputy Controller of Explosives attended meeting on 16.11.2021 on the subject "Implementation of orders of Honorable Supreme Court Of India", conducted by PESO Sivakasi in collaboration with Fireworks Associations at TANFAMA Hall.
51. Shri Amit Goyal, Deputy Controller of Explosives attended meeting on 16.11.2021 on the subject "Implementation of orders of Honorable Supreme Court Of India", conducted by PESO Sivakasi in collaboration with Fireworks Associations at TANFAMA Hall.
52. Shri Pravesh Kumar, Deputy Controller of Explosives attended meeting on 20.11.2021 at 16:00 hrs on the subject "Implementation of orders of Honorable Supreme Court Of India", conducted by District Collector in the O/o District Collector Virudhunagar Conference Hall.
53. Shri Pravesh Kumar, Deputy Controller of Explosives attended meeting on 09.03.2022 at 15:00 hrs on the subject "Safety Awareness Programme", conducted by PESO Sivakasi in the O/o Deputy Chief Controller of Explosives, Sivakasi.
54. Shri Amit Goyal, Deputy Controller of Explosives attended meeting on 09.03.2022 at 15:00 hrs on the subject "Safety Awareness Programme", conducted by PESO Sivakasi in the O/o Deputy Chief Controller of Explosives, Sivakasi.
55. Shri Pravesh Kumar, Deputy Controller of Explosives attended meeting on 22.03.2022 at 15:00 hrs on the subject "Firecrackers and Pyrogenic Works- Indefinite Strike announced by TAFFMA", conducted by District Collector in the O/o District Collector Virudhunagar Conference Hall.

CIRCLE OFFICE, HYDERABAD

1. A meeting was held with Sri Tejinder Pal Singh, Deputy Commandant, SS Headquarters, CRPF, Jubilee Hills, Hyderabad at the office of Dy.CCE, Hyderabad on 4/5/2021 regarding provisions of Explosives Rules, 2008, Ammonium Nitrate Rules, 2012 and their pilferages.

2. All the officers of Dy.CCE, Hyderabad attended the workshop to explore technical possibilities of LMO production enhancement in existing LOX manufacturing plants organized by NAPES on 10/6/2021.
3. Shri M.W. Dudhe, Dy.CE attended Search and Seizure operation with NIA team at Warangal on 18/07/2021 and 19/07/2021 and on 31/07/2021 (Two Visits)
4. Ms.Sumita Dawra, Additional Secretary, Ministry of Commerce and Industry visited Hyderabad on 2nd and 3rd August, 2021 to oversee the premises licensed and their difficulties for ease of doing business. Visit was arranged at M/s.IOCL LPG Bottling Plant and M/s.BPCL LPG Bottling Plants. Various facilities of LPG storage (spheres, bullets, mounded) were seen. Mock drill was conducted to see the emergency preparedness plan. Industry members submitted their requirements for kind perusal for Government of India. Enroute CNG dispensing station bowsers for home delivery were seen. Various technical inputs about CNG, LNG, oxygen cylinders, oxygen manufacturing plant in Telangana. Explosive manufacturing SETT, police cases, destruction were briefed so as to explain PESO, Hyderabad activities.
5. Sri S.M.Kulkarni, Dy.CCE, Hyderabad attended Video Conference with Niti Aayog members regarding oxygen requirement in the country on 3/9/2021.
6. Dr.R.K.S.Chauhan, Controller of Explosives, Hyderabad and Sri M.W.Dudhe, Dy.Controller of Explosives, Hyderabad attended a meeting organized by the Dy.Commissioner of Police, East Zone, Amberpet, Hyderabad on Fireworks Safety during Diwali Festival at Hotel Ashok Plaza organized by the Police Authority on 26/10/2021.
7. Sri S.M.Kulkarni, Dy.Chief Controller of Explosives, Hyderabad delivered presentation on oxygen infrastructure in post COVID world in a seminar organized by AIIGMA, Additional Secretary, DPIIT on 28/10/2021. Attended the seminar and delivered address to the gathering.
8. Conducted review meeting on Safety in Explosives manufacturing at the Auditorium, 1st Floor, C.G.O.Towers, Kavadiguda, Hyderabad on 30/12/2021 under the chair of Shri P.Kumar, Joint Controller of Explosives (HOD), Nagpur.
9. There was a seminar conducted on Electrical Vehicles Charging Station at Retail Outlets and safety at Retail outlets on 14/02/2022, in which all the Regional Heads of Telangana and Andhra Pradesh participated. Sri K.Sundaresan, Jt.CCE, Hyderabad was present as Chief Guest and delivered a Key Note address.
10. Shri J.Sarkar, Dy.Chief Controller of Explosives, Visakhapatnam attended Enquiry Committee held on 13.05.2021 Chaired by Mrs. M. Gawthami, IAS, Jt.Collector, Kadapa in connection with Kadapa explosives accident during transportation of explosives in a car resulting in death of 11 persons.

11. Shri J. Sarkar, Dy.CCE attended inquiry proceedings against Shri A.M. Khan, Controller of Explosives, Kolkata as state witness and submitted statement to Dr. M.I.Z. Ansari, Dy.Chief Controller of Explosives & Inquiry Officer.
12. Shri J. Sarkar, Dy.CCE appointed as Presenting Officer for inquiry proceedings against Dr. R.K. Rathore, Jt.CCE, Kolkata and the Inquiry Officer Ms. Chandrani Gupta, CVO/Inquiry Officer, Bridge & Root (I) Pvt. Ltd. Russel Street, Kolkata.
13. Shri J. Sarkar, Dy.CCE carried out joint inspection with BIS to manufacture various types of cylinders.
14. Shri J. Sarkar, Dy.Chief Controller of Explosives, Visakhapatnam attended web meeting organized by DPIIT to review working of PESO.
15. Smt. Vijaya S. Bardeo, Dy. Controller of Explosives inspected NRW-2 berth for handling of petroleum & Petrochemical products at Kakinada Sea Port and forwarded assessment report to the CCE, Nagpur.

REPRESENTATION OF SCHEDULED CASTES/SCHEDULED TRIBES/OBCs/EX-SERVICEMEN AND PHYSICALLY DISABLED PERSONS IN SERVICE

8.1 REPRESENTATION OF SCHEDULED CASTES/TRIBES/OBCs:

The Scheduled Castes/Scheduled Tribes Cell in the organization functions under a Liaison Officer of the rank of Dy. Chief Controller of Explosives. Similar Cells are also functioning in Circle Offices of the organization.

The Scheduled Castes/Scheduled Tribes Cell not only deals with the proposal relating to the de-reservation of posts but also looks into the grievances, if any, in respect of service matters of employees belonging to the categories of Scheduled Castes/Scheduled Tribes and takes appropriate remedial measures to alleviate their grievances/problems.

The organization also issues periodic directions to the administrative sections as well as the appointing authorities under its control to seek proper implementation of the directives on reservation for members of the Scheduled Castes/Scheduled Tribes in services.

The break-up of the number of Scheduled Castes/Scheduled Tribes and Other Backward Class persons belonging to Group 'A', 'B', 'C' & 'D' posts in the organization and its subordinate offices is given below:

Sr. No.	Category of Posts	No. of Scheduled Caste persons	No. of Scheduled Tribe persons	No. of Other Backward Classes persons
1	Group 'A'	18	09	32
2	Group 'B'	10	03	05
3	Group 'C'	40	21	43
4.	Group 'C'/MTS	13	06	09

8.2 REPRESENTATION OF PHYSICALLY DISABLED PERSONS IN SERVICE

The Organization has been making vigorous efforts to ensure effective implementation of reservation orders for physically handicapped persons. The organization has identified some Group 'A', 'B', 'C' and 'D' posts, which are held by physically handicapped persons.

The break-up of the number of physically handicapped persons belonging to Group 'A', 'B', 'C' & 'D' posts in the organization and its subordinate offices is given below:

S.No.	Category of Post	No. of Physically Handicapped Persons
1	Group 'A'	1
2	Group 'B'	0
3	Group 'C'	5

VIGILANCE ACTIVITIES

Vigilance activities of the Organization are under direct command of Chief Controller of Explosives, Head of the organization. Apart from Head office at Nagpur, Vigilance Cell is functional in all the Circle and Sub-Circle offices, Testing Station, Gondkhairi, Nagpur and FRDC, Sivakasi of the organization. The Head of the each subordinate office is heading the vigilance cell and reports to the Chief Controller of Explosives directly.

Preventive vigilance receives priority attention with primary emphasis on identification of areas, which are sensitive or prone to malpractices and temptations. Instructions and guidelines issued by the Department of Personnel & Training, Central Vigilance Commission and Chief Vigilance Officer of the Department of Industrial Policy and Promotions are followed.

Vigilance Awareness Week was observed in all the offices of the organization in accordance with the guidelines of CVC. All the officers and staff members of the organization took pledge and various activities were organized to highlight awareness about effective preventive measures undertaken through system improvements and use of Information Technology to achieve transparency, accountability, fair play, objectivity and timely response in all matters.

Following measures have been taken to monitor activities of officers of the organization:

1. Activities of sensitive nature have been identified and surveillance is maintained thereon.
2. Activities relating to frequent dealing with common public have been decentralized to the Circles & Sub-Circles, thereby reducing delay in disposals and reducing possibilities of malpractices.
3. Heads of the offices monitors activities of subordinate officers regularly.
4. Activities of Heads of Sub-Circle offices are monitored by Heads of Circle Offices.
5. The Chief Controller monitors activities of Heads of Circle offices and other offices of Head office.
6. Regular and surprise inspections are carried out by nominated officers and Heads of offices/organization to review sensitive areas/activities of officials.
7. Vigilance activity has also been extended to cover the visitors coming for meeting the concerned officers on official matters, by making a separate reception room, visitor's room and introducing a system of issue of visitors passes which are to be signed by the concerned officers. Also the reception area, visitor's area, lobby etc. is monitored through CCTV system.

8. List of dealing officers with their authorized areas of activities have been conspicuously displayed in the reception room.
9. List of officials suspected to be indulging in malpractices is maintained and their activities are closely monitored.
10. Public complaints about malpractices are given top priority and are investigated by the Head of the Organization /Head of the Office.
11. Name and telephone number of the Head of the organization and Heads of offices have been notified under the 'Grievance Redressal' sub menu of Organizations web site <http://peso.gov.in> and redressal of genuine grievance / complaints of stake holders is assured in the Citizens Charter of the Organization, hosted on the website of the Organization with a view to facilitate easy access by the aggrieved parties.
12. The dealing officers and assistants are made acquainted with the provisions of conduct rules and instructions issued by the Government from time to time.
13. Under the various modules PESO has implemented the "First in First out (FIFO)" system for quick disposal of application in unbiased manners with disposal within 21 days.
14. Facilities have been given to stakeholders for auto renewal of the licences under **Petroleum Rules and Gas Cylinders Rules**. In this facility the licensee can get licence renewed after making the e-payment of the prescribed license renewal fee. This system is appreciated by all the stakeholders.
15. Facilities have been created for e-payment of under all the rules administered by PESO.
16. All the online licensing modules of PESO other than SMPV(U) have been integrated with the central e-Nivesh Portal for monitoring the disposal of applications within the time frame thereby benefitting the stakeholders
17. Facilities for e-application under all the rules administered by PESO have been given to stakeholders
18. In order to save time and quick disposal of applications the powers under various rules have been decentralized. PESO's circle and sub-circle offices have been empowered to process applications through PESO's online system which were earlier processed by the office of Chief Controller of Explosives.
19. Similarly Sub-circle offices have been empowered to process various applications which were earlier processed by circle offices.
20. A "System for Explosives Tracking and Tracing (SETT)" is being developed and in the stage of its implementation. Two phases of the system have already been launched and on boarding of stakeholders is in process.

USE OF OFFICIAL LANGUAGE IN THE ORGANISATION

Together with its five circle offices, eighteen Sub-circle offices, Departmental Testing Station at Gondkhairi and Fireworks Research and Development Centre at Sivakasi, PESO is continuously making co-ordinated efforts to ensure compliance of the Official Language Policy and implementation of requirements of Programme prescribed by the Nodal Ministry- Department of Official Language, Ministry of Home Affairs. Under the leadership of Chief Controller of Explosives, the Organisation is marching towards its goal with utmost dedication and making every effort for promotion of Official Language.

With the aim of ensuring maximum use and propagation of Hindi in the Head Office as well as in its Circle/ Sub Circle offices, all possible steps were taken to implement the rules and provisions contained in the Official Language Act (Official Language Act), 1963 passed by the Parliament.

All efforts were made to achieve the targets laid down in the Annual Programme 2021-22 circulated by Department of Official Language to all the offices of Central Government. With the aim of achieving increased progressive use of Hindi in the official work and for effective implementation of official language Act, 1963, various divisions of the office have been notified to do their maximum official work in hindi only. In pursuance of rule (4) of Rule 10 of the Official Language (Use for official purposes of the Union) Rules, 1976, twenty offices of PESO have been notified in official gazette since 80% staff of the offices have acquired working knowledge of Hindi.

With a view of creating awareness for progressive use of Hindi in official work, various programs are being organized in all the offices throughout the year and employees are motivated for carrying out maximum official work in Hindi.

For promotion of Official Language Hindi, quotation in Hindi is displayed daily on the notice board. All letters received in Hindi are compulsorily replied in Hindi.

BILINGUALISATION OF THE WEBSITE

In compliance of the Official Language Policy of the Government, the official website of PESO has been made bilingual in English and Hindi and is updated at regular intervals. A separate link “Rajbhasha” has been provided on the website under which organization’s, achievements, Annual Programme, etc. in respect of Official Language are displayed.

MONITORING AND INSPECTIONS

The Chief Controller of Explosives and all the other officers of the O/o Chief Controller of Explosives, Nagpur regularly carry out inspections of the Circle and Sub-circle offices to ensure compliance of Official Language Policy. During the year Official Language inspections were carried out by CCE and his officers.

MONITORING DURING MEETINGS OF THE DEPARTMENTAL OFFICIAL LANGUAGE IMPLEMENTATION COMMITTEE

During the year, under the chairmanship of Chief Controller of Explosives, with other committee members, four meetings of the above Committee were organized. Various important issues were discussed for effective implementation of the official language policy in PESO. The status of the Quarterly Report of all the offices of the organization regarding progressive use of Hindi is reviewed regularly by the committee and necessary action is taken in the matter. The Annual Programme issued by the Department of Official Language, Ministry of Home Affairs is discussed in the said meetings and check points are made at different levels for its effective compliance.

MEETINGS OF THE TOWN OFFICIAL LANGUAGE IMPLEMENTATION COMMITTEE

In order to ensure progress of Hindi, the officers of Head office as well as circle and sub-circle officers regularly attended the meetings of the TOLIC.

Chief Controller of Explosives and Hindi officer, Nagpur attended the 13th & 14th half yearly meeting of Town Official Language Implementation Committee held on 02.11.2021 and 27.05.2022 respectively. In order to promote hindi, Inter-office competition –*Online Essay competition* was organized on 28.03.2022 by PESO, Nagpur under the aegis of TOLIC, Nagpur. Employees of the offices participated in the various Inter-office competitions organised by other offices.

PUBLICATION OF HINDI MAGAZINE “VISPHOTAK DARPAN”

With the aim of increasing use of Hindi to the maximum and utilization as well as propagation of writing skills of the officers/employees, the 20th issue of in-house e magazine, “Visphotak Darpan” was published during the Hindi Fortnight celebration. The Officers and staff of Head Office as well as circle and sub-circle offices contributed their articles, poems, etc. for the magazine. The various rajbhasha activities of the organization were also reflected in the magazine. O/o Jt. Chief Controller of Explosives, Agra published its e magazine “Madhyanchal Darpan” in Hindi. Also published its quarterly magazines (4 nos.) highlighting technical, hindi and other activities in it.

HINDI TRAINING

To facilitate maximum work in Hindi, priority is being given to the work of imparting Training in Hindi, Hindi Typing, Shorthand, Pragya, Parangat and almost all the employees have been trained in Hindi.

IMPLEMENTATION OF OFFICIAL LANGUAGE POLICY–USE OF MECHANICAL AIDS

For ensuring implementation of official language, Universal code-Unicode is being used by the organization. Almost all computers are Unicode enabled. Under the computerization of official work, facilities such as bilingual modules, website, e-mail, Internet, use of support site etc. is providing momentum to the promotion of official language.

Important letters issued by the Ministry are forwarded immediately to all circle/sub-circle offices for their compliance using the e-mail/ support site of the organization. The instructions and orders given on the official website of the Department of Official language www.rajbhasha.gov.in are strictly complied.

BILINGUAL ONLINE LICENSING MODULES

In compliance of Section 3(3) of the Official Languages Act, the organization's online licensing modules have been made bilingual. All the licenses, orders, permits, approvals are being issued bilingual.

ONLINE QUARTERLY HINDI PROGRESS REPORT MODULE

For monitoring of implementation of official language in the Organisation, online quarterly Hindi progress report module has been completed and the quarterly Hindi progress reports from the circle/sub-circle offices are being obtained and reviewed online.

HINDI WORKSHOPS

In order to encourage progressive use of Hindi in official work at least four workshops were organized throughout the year in all the offices of PESO. For effective implementation of Official Language policy, employees are advised to use simple and lucid Hindi language for their day-to-day work.

HINDI FORTNIGHT

PESO, Nagpur along with all the circle and sub-circle office celebrated “Hindi Day” as well as “Hindi Fortnight” with great enthusiasm to increase the use of Official Language Hindi in the official work.

With a view to encourage officers/employees to do their official work in hindi, during “Hindi Fortnight” various competitions were organized, such as - Hindi Typing, Noting and Drafting & Essay writing. An exhibition of Hindi books was also arranged. “Hindi Day” was celebrated with great enthusiasm. On this occasion Honable Home Minister’s message and the memorandum forwarded by the Ministry was read out for compliance. Winners of the competitions were awarded suitably.

INTER OFFICE COMPITITION UNDER NARAKAS: For promotion of hindi at local level, PESO Nagpur organized Online Hindi Essay compition under the aegis of NARAKAS, Nagpur. 23 participants from various offices of Nagpur participated in the competition.

INCENTIVE SCHEMES

Annual Cash Prize Scheme for doing noting/drafting in Hindi, circulated by M/o Home Affairs, D/o Official Language is implemented in the organization. During the fortnight, various employees were awarded suitably under the scheme.

The incentive scheme of Central Government for noting/drafting in official work which is done originally in Hindi has been implemented in the organisation and as a regular practice; this year also employees participating in the scheme were awarded during “Hindi Fortnight” Celebration.

ACHIEVEMENTS

Under Town Official Language Implementation Committee, Nagpur PESO, Nagpur received the following awards:-

•O/o Chief Controller of Explosives, Nagpur: for the year 2020-2021

Received First Prize for Incentive prize for excellent performance in implementation of Official Language.

Received 2nd prize for its Hindi Magazine “Visphotak Darpan” Issue-20

The attached and subordinate offices continued their endeavor towards ensuring effective implementation of various provisions of the Official Language Act and Rules to promote and progressively propagate the use of Official Language in their day-to-day working.

All offices of Petroleum and Explosives Safety Organisation, are committed to the statutory responsibilities of Official Language.

INSPECTIONS OF LICENSED/APPROVED PREMISES

In spite of severe resource constraints due to several vacant posts of officers in various grades, attempts were made to intensify inspection activities of hazardous premises licensed/approved by the Organization under various Acts & Rules made there under.

UNDER EXPLOSIVES ACT, 1884

During the year, **11,067 premises** (out of total **129992 units** licensed) were inspected. This amounts to inspection of **8.51 %** of the total premises. The inspected premises mentioned above include **45837 licensed** premises under Explosives Rules, 2008; **39852** licensed premises under Gas Cylinder Rules 2016, 42941 licensed premises under SMPV (U) Rules, 2016 and **1362** licences premises under Ammonium Nitrate Rules, 2012.

UNDER PETROLEUM ACT, 1934

During the year, **2243 premises** (out of total **2, 35,241 units** licensed) were inspected. This amounts to inspection of **0.95%** of the total premises. The above inspections include **2,35,241** premises licensed under Petroleum Rules, 2002 and - premises licenced under Calcium Carbide Rules, 1987.

In all out of **3,65,233** premises covered under various licenses granted by this Organization under various Acts & Rules, **13,310** premises (**3.34%**) were inspected during the year 2021-22. Statistical information about the premises licensed/approved under various Acts & Rules and inspections carried out thereof are given in Table-I. Details of cancellation, surrender, suspension, revocation of orders and issue of show cause notices are summarized in table II. Wherever defects, irregularities or violations of rules and conditions of licence were observed during inspections, steps were taken by giving notice to the licensees for correction/compliance. In cases of serious violations that are likely to endanger safety, licenses were suspended or cancelled depending upon the nature of violation and seriousness of offence.

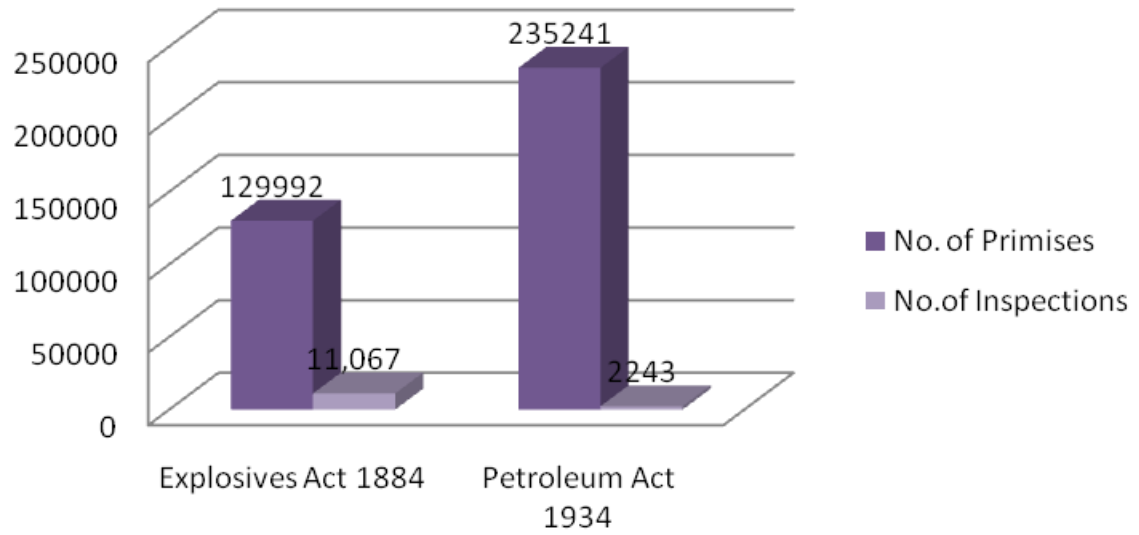
TABLE – I**DETAILS OF INSPECTION CARRIED OUT DURING THE YEAR 2021-2022**

Rules	As on 31.03.2021	As on 31.03.2022	No. of Inspections in the year 2021-22
Ammonium Nitrate Rule, 2012	1475	1362	116
Explosives Rules, 2008	48193	45837	5837
Gas Cylinder Rules, 2016	38744	39852	2357
SMPV(U) Rules, 2016	43450	42941	2757
Petroleum Rules, 2002	234225	235241	2232
Calcium Carbide Rules, 1987	85	-	11
Total	366172	365233	13310

TABLE - II**DETAILS OF CANCELLATION, SURRENDER, SUSPENSIONS AND REVOKATION CARRIED OUT DURING THE YEAR 2021-2022**

Sr. No	RULES	Cancellation of licence	Surrender of licence	Interim suspension of licence	Suspension	Revocation	Show cause notice
1	Ammonium Nitrate Rule, 2012	-	3	-	4	-	7
2	Explosives Rules, 2008	129	255	9	47	16	71
3	Gas Cylinder Rules, 2016	25	50		12	43	17
4	SMPV(U) Rules, 2016	272	460	1	9	17	15
5	Petroleum Rules, 2002	268	841	4	13	81	25
6	Calcium Carbide Rules, 1987	-	-	-	-	-	-
	Total	694	1609	14	85	157	135

Chart showing the number of Licensed Premises and number of Inspection carried out during 2021-2022



ACCIDENT INVESTIGATION DURING THE PERIOD 2021-2022

CIRCLE CIRCLE, KOLKATA

A. EXPLOSIVE ACT, 1884

A.1 Explosives Rules, 2008

1. **Date: 15.04.2021** **Place: Maraneri, Distt. Virudhunagar**
Killed: Nil **Injured: Nil**

An explosion/ fire accident occurred at LPG storage godown bearing licence number G/EC/BI/06/167(G9251) valid up to 30/09/2026 with a capacity of 12000 Kgs around 11 PM on 15th April, 2021. As informed by the licensee, 12 nos. of delivery van with about 600 nos. of empty cylinder were parked in the cylinder loading/unloading area when the accident took place.

A.2 PETROLEUM ACT, 1934

Petroleum Rules, 2002:

1. **Date: 21.12.2021** **Place: Haldia Refinery, Purba Medinipur**
Killed: 03 **Injured: 38**

Accident occurred on 21.12.2021 at Haldia Refinery, Purba Medinipur, having following licences P189418, S1814, S1817, S30842, S1804, S2172, S2160, S97303, G.20568 & G8102.

Brief description of accident

The refinery was under shutdown condition from 1st December, 2021 for maintenance purpose upto first week of January 2022. There was a huge fire/explosion incident occurred during the cutting of guard (maintenance work) attached around the vessel No. 86-B-1`3 meant for purification of LPG to remove the chlorine in MSQ unit of refinery on 21.12.2021.

The fire fighting team managed to extinguish the fire within 20-30 minutes and rescued injured person. The injured persons were first shifted to first aid centre at refinery itself then various hospitals in Kolkata.

2. **Date: 16.09.2021** **Place: Haldia Refinery, Purba Medinipur**

Killed: Nil

Injured: 19

Accident occurred at the premises of M/s. Indian Oil Corporation Ltd., Barauni Refinery, situated at P.O. Barauni Oil Refinery, Begusarai, BEGUSARAI, Bihar – 851114 (Licence No. P/HQ/BI/15/529(P257036))

An explosion accident occurred at 1038 HRS on 16-09-2021 in the Furnace F103, which is a cylindrical, dual (Fuel Gas and Fuel Oil) fired Heater having four no. passes of process fluid in Vacuum Section of Atmospheric Vacuum Unit -1 (AVU-1) while burner light –up activity was being done, resulting in blast opening of bolted joints and deformation of the furnace Shell in the South west side in the Radiation Zone. Due to explosion, refractory lining of the furnace got damaged and refractory bricks got thrown away in the area near the furnace and on the road on the south side of the Furnace causing unjuries to people working in that area. AVU-1 was under start-up after planned M & I (Maintenance and Inspection) shutdown activities.

CIRCLE OFFICE GUWAHATI

ACCIDENT INVESTIGATION-

Under Explosives Rules, 2008	-	NIL
Under Petroleum Rules, 2002	-	NIL
Under Gas Cylinder Rules, 2016	-	NIL
Under SMPV (U) Rules, 2016	-	NIL

CIRCLE CIRCLE, NAVI MUMBAI

A. EXPLOSIVE ACT, 1884

A. 1. Static and Mobile Pressure Vessel (U) Rules, 2016

1. **Date: 21/04/2021** **Place: Dr. Zakir Husain Hospital, Shiwar, Distt. Nashik**

Killed: 20

Injured: Nil

The continued leakage of liquid oxygen from the tiny hole in the copper pipeline resulted into gushing out of liquid oxygen from the outlet pipeline of the vessel connected to the

vaporizer. The installation of copper pipeline in place of stainless steel 304 pipeline which was not in conformity to the Certificate of Safety under Rule 33 of the SMPV (U) Rules, 2016 and employment of the operator/supervisor for the liquid oxygen installation was not having adequate knowledge of equipments being used in the premises and not conversant with hazard associated with compressed gas seems to be probable cause of accident. There were more than 20 nos. of deaths reported by the hospital. There was no damage to property.

- 2. Date: 18/12/2021 Place: Khopoli, Distt. Raigad, M.S.**
Killed: Nil Injured: Nil

The fire and explosion accident involving liquid oxygen vessel occurred probably due to leakage of liquid oxygen from the economizer in the annular space of the vessel. The liquid so released resulted into loss of vacuum and instant rupture of the outer vessel with mechanical spark leading to sudden development of spit fire and high pressure which resulted in the severe explosion of inner and outer vessel. The accident is still under investigation.

B. PETROLEUM ACT, 1934

B.1 Petroleum Rules, 2002

- 1. Date: 31/03/2022 Place: ONGC Plant, Uran, Distt. Raigad,MS**
Killed: 2 Injured: Nil

Construction activities were going on in the effluent collection pit area by the contractual laborers using iron implements etc. The petroleum vapors were already present in and around accident site. Therefore, fire/explosion seems to be due to ignition of petroleum vapors within the flammable range in the effluent streams coming from the oil water separators (OWS) and crude oil stabilization plant and higher concentration of petroleum vapors. The wall of one effluent collection pit was damaged. Electrically and mechanically continuous hose pipe being used for suction of the petroleum products from the recovery pond was burnt and badly damaged. Switches and cable of the electrical motor of oil recovery system got burnt in fire. Walkway from the collection pit to small lagoon was damaged. The storage installation covered under licence No. S/HO/MH/03/21 (S259), P/WC/MH/15/38 (P54164), P/HQ/MH/15/801(P6144), P/HQ/MH/15/784(P6127) and P/HQ/MH/15/6149 (P314295) were not affected in the accident.

CIRCLE OFFICE VADODARA

A. EXPLOSIVE ACT, 1884

A. 1. GAS CYLINDER RULES 2016

1. Date: 31.10.2021 Place: M/s Gujarat Gas Ltd., CNG retail outlet, Bharuch, Guj.

Killed: Nil Injured: Nil

Explosions & fire accident occurred at CNG retail Outlet of M/s. Gujarat Gas Ltd., Bharuch, Dist. Bharuch, Gujarat on 27.10.2021 at around 11.55 AM. The accident occurred in an On board type 4 composite cylinder fitted on the vehicle bearing registration number GJ-01/RX-3964 (Make & Model-Honda Jazz), during dispensing on CNG at CNG dispensing station of M/s. Gujarat Gas Limited., Situated at Bharuch, Gujarat.

B. PETROLEUM ACT, 1934

B.1 Petroleum Rules, 2002

1. Date: 15/02/2022 Place: Pet Retail outlet, IOCL, Jamalpur Gate, Ahmedabad

Killed: Nil Injured: Nil

Fire Accident occurred at retail outlet of Petroleum Class A&B of M/s. Indian Oil Corporation Ltd., out side Jamalpur gate, Ahmedabad, Gujarat. The petroleum road tanker is engaged in unloading activity of Class A Petroleum. Suddenly a flash back was found originated from roadside and travelled towards the tanker. Petroleum vapour caught fire and spread around the bottom of tanker. The fillers, Manager and Dealer tried to extinguish the fire with the help of DCP type fire extinguisher but failed. Fire engulfed the tanker and Petroleum tanker exploded.

CIRCLE OFFICE, AGRA

A. EXPLOSIVE ACT, 1884

A.1. Static and Mobile Pressure Vessel (U) Rules, 2016

2. Date: 30/04/2021 Place: UPSIDC, Industrial Area, Panki, Dist. Kanpur Dehat

Killed: 01 Injured: 06

An accident occurred on 30/04/2021 in the premises of M/s Panki Oxygen, Kanpur, during filling of oxygen of cylinders. The accident came to notice through media after a long period. The licensee didn't intimate anything about the accident. The accident couldn't be investigated as information about the accident was not received in time and officer couldn't visit the site due to outbreak of Covid 19. A letter was issued to DM, Kanpur for magisterial enquiry as per provision under section 9 of Explosives Act, 1884.

3. Date: 05/05/2021 Place: Chinhat, Industrial Area, Dist.Lucknow
Killed: 03 Injured: 09

An accident occurred on 05/05/2021 in the premises of M/s Ketee Oxygen, Lucknow, during filling of oxygen of cylinders. The accident came to notice through media after a long period. The licensee didn't intimate anything about the accident. The accident couldn't be investigated as information about the accident was not received in time and officer couldn't visit the site due to outbreak of Covid 19. A letter was issued to DM, Kanpur for magisterial enquiry as per provision under section 9 of Explosives Act, 1884.

A. EXPLOSIVE ACT, 1884

A.2. GAS CYLINDER RULES 2016

1. Date: 03.10.2021 Place: M/s IOCLCNG Station, Gadh Mukteswar, Dist. Hapur (U.P.)
Killed: 0 Injured: 0

An explosion incident occurred on 04/10/2021 in M/s. Indian Oil Corporation Limited (M/s. Vibhor service station) during filling of CNG in the cylinder fitted in a car. The high pressure cylinder of the car exploded which resulted complete damage to the vehicle. The probable cause of explosion in cylinder was use of spurious/cylinder in the car.

CIRCLE OFFICE BHOPAL

ACCIDENT INVESTIGATION-

Under Explosives Rules, 2008	-	NIL
Under Petroleum Rules, 2002	-	NIL
Under Gas Cylinder Rules, 2016	-	NIL
Under SMPV (U) Rules, 2016	-	NIL

CIRCLE OFFICE, FARIDABAD

A. EXPLOSIVES ACT, 1884

A.1 Explosives Rules, 2008

- 1. Date: 27/09/2021** **Place: M/s Sachdeva Fireworks Vill. Nagla Megha Distt Karnal**
Killed: 01 **Injured: Nil**

An accident occurred in the Fireworks manufacturing factory of M/s Sachdeva Fireworks at Village Nagla Megha Distt Karnal. As the investigation is underway, the exact cause of accident cannot be ascertained. However, the probable cause of accident could be the generation of spark during the filling operation of fireworks either through loose electric bulb found in the packing shed or through use of sparking tool by which static charge might have been generated through clothes/persons/grit particle and resulted into explosion. **DM Lic. No. 6/DM/KL in Form 20**

- 2. Date: 22/12/2021** **Place: At DSP (Dump Stock Pile) No.--07, Decline of main mine of Hindustan Zinc Limited, Agucha, District-Bhilwara(Raj)**
Killed: Nil **Injured: Nil**

A fire/Explosion accident occurred on 21.12.2021 at 18.00 hrs in BMD Vehicle CH-5 covered under Approval No. E2(4)32/IEL/IES/III dated 05/02/2018 having Make-Normat Charmec, Engine No.-12063401 and Chassis No.-DJ254 and attached to license no. E/HQ/RJ/SM/15(E85046), The accident occurred after leakage of hydraulic oil from the hydraulic hose on the heated engine which might have caught fire when the BMD vehicle was being brought to surface for repair of its hydraulic system. The fire intensified resulted in burst of both back side tyres, damaged driver cab and engine parts completely including ANE tank. The fire further intensified and caused a blast in the ANE delivery system, damaging the complete back part of the BMD vehicle and partial damage to the roof of the decline.

- 2. Date: 22/02/2022** **Place: Khasra No. 1709, Bathri, Haroli, District: Una, H.P.**
Killed: 11 **Injured: 09**

An accident occurred at the unlicensed/unauthorized fireworks premises at Khasra No. 1709, Bathri, Haroli, District Una, Himachal Pradesh. Fireworks composition mixing and filling process were carried out in the unauthorized premises and used for manufacturing

of unapproved fireworks and unsafe practices were followed during the manufacturing process which might be the cause of accident.

A. EXPLOSIVE ACT, 1884

A.2. GAS CYLINDER RULES 2016

1. Date: 11.07.2021 Place: Khasra No. 57/3, Mansa, Punjab.

Killed: 01 Injured: 02

A fire/explosion accident occurred at the Gas Cylinder Premises of M/s Hindustan Petroleum Corporation Limited, Bathinda located at Khasra No. 57/3, on Mansa-Budlada Road, Near Mansa Bus Stand, Mansa, Punjab covered under licence no. G/NC/PB/07/69(G63888). The cause of accident is under investigation. However, from the statement of eyewitness and photographs, it seems that modified Auto LPG cylinder might have been used for CNG cylinder.

**2. Date: 14/08/2021 Place: Jaipur -Ajmer National Highway (NH-48)
Near Vill. Dudu, Tehsil Distt. Jaipur (Rajasthan)**

Killed: 02 Injured: 02

The accident occurred on 14/08/2021 at 09.00 hrs on Jaipur - Ajmer National Highway (NH-48) in a truck Transporting LPG Gas Cylinders near Village Dudu, Tehsil and Distt. Jaipur (Rajasthan). The road accident occurred due to sheer negligence and rash driving by truck driver carrying the LPG cylinders. The high speed trailer moving ahead of LPG cylinder truck suddenly applied strong brakes as a result the fast moving LPG cylinder truck could not keep control and collided into the trailer. The engine of truck carrying LPG cylinder got damaged due to strong impact and might have caught fire which spread into the truck cabin and body of the truck. Due to heat and fire, the cylinders started exploding resulting to an accident.

3. Date: 28/09/2021 Place: of M/s Indraprastha Gas Limited, Dheerpur Delhi

Killed: Nil Injured: 02

A fire explosion accident occurred at around 12.10 PM at the online CNG station of M/s Indraprastha Gas Limited, situated at Dheerpur Delhi covered under Licence. No. G/HO/DL/07/87(G19479), involving TATA Truck bearing Regn No. UP-13AT-1009, in which one onboard CNG cylinder fitted to the said vehicle, got blasted during filling of

CNG into it. In the said accident two persons were injured from splinters. The fire was extinguished by the DSM of the CNG station using fire extinguishers. The probable cause of the said accident might be the filling of CNG into test due, spurious, internally corroded onboard CNG cylinders resulted into explosion.

**4. Date: 13/01/2022 Place: M/s Vinayak Oxygen, Mayapuri, Industrial phase-1, Delhi
Killed: Nil Injured: Nil**

An accident occurred on 13/1/2022 at Gas Cylinder premises of M/s Vinayak Oxygen, situated at plot no. B 93, Mayapuri, Industrial phase-1, Delhi covered under lic. No. G/HO/DL/05/147, G/HO/DL/06/116/G42228.

The filling of Cylinders without ensuring periodic hydro test and other details was carried out. Cylinders were being filled without ensuring valid cylinder filling permission from the Chief Controller of Explosives. It appears that the cylinder involved in the accident is of inferior quality/spurious type which could not sustain high pressure and blasted. From the visual inspection of the cylinders which fragmented into three parts it appear that probably some carbonaceous materials was present inside the cylinder which might have caught fire on coming in contact with oxygen and subsequently blasted.

**5. Date: 16.01.2022 Place: M/s IOCL Bottling Plant, Jalandhar, Punjab
Killed: Nil Injured: Nil**

A fire accident occurred at the bottling plant of M/s Indian Oil Corporation Limited, Suchi Pind, Jalandhar, Punjab covered under the licence no. G/HO/PB/05/181, G/HO/PB/06/149(G19745) at about 19.45 Hrs. The defected cylinders fitted with defected valve without taking any corrective actions were kept at unauthorized place. The accident occurred during the repairing of cylinders at the cold repair shed. No gas detector was available near the unauthorized cylinders stack area. Sparks generated during the grinding of C clamp of GI earthing strip might have ignited the leaking LPG from the defective uncapped cylinders.

A. EXPLOSIVE ACT, 1884

A.3. SMPV (U) RULES, 2016

**1. Date: 01.09.2021 Place: Debari Greater Choraha, Distt. Udaipur (Raj.)
Killed: Nil Injured: NIL**

The road accident occurred on 01-09-2021 at 17.00 hrs involving road tanker carrying LPG from Mundra, Gujarat to M/s Bharat Petroleum Corporation Limited, Udaipur. The intimation regarding the accident was received from CCE, Nagpur vide Memo No. PV (WC) Accdt/196/21 dated 12.10.2021 in this office on 25.10.2021. The probable cause of the accident is while passing near the sharp turn of Debari T-point, Udaipur, during saving the cow the driver lost the control and vehicle got dis-balanced and fell in a ditch resulting into shearing off the excess flow valve of liquid line and resulted into heavy leakage of LPG.

CIRCLE OFFICE, CHENNAI

A EXPLOSIVE ACT, 1884

A.1 Explosives Rules, 2008

2. **Date: 05.04.2021** **Place: Maraneri, Distt. Virudhunagar**
Killed: 1 **Injured: 2**

A fire accident occurred in the premises of M/s. M/s. Sri Krishnasamy Fireworks Factory bearing licence no. E/HQ/TN/20/1126 (E44030) on 05/04/2021 at about 11.00 AM when one worker MrDharmalingam was taking out a pellet bag from the White Powder mixing shed No. 9. MrDharmalingam was killed on the spot and 2 other workers were injured in this accident.

Probable cause of accident: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the accident occurred due to friction caused due to unsafe act by the worker while handling pellet bag in the white powder mixing shed.

3. **Date: 15.04.2021** **Place: Vadi, Distt. Virudhunagar**
Killed: 1 **Injured: 3**

A fire accident occurred in the premises of M/s. Rajas Serpent Eggs factory bearing licence no. E/HQ/TN/20/1188(E46919) situated at Vill Vadi Post Vachakarapatti on 15/04/2021 at about 02:30 P.M. while undertaking packeting of chorsa crackers in Mfg& finishing shed no. 13. Consequent to the accident, the floor and walls of Manufacturing and finishing shed no. 13 were damaged and having black soot deposition. Burnt chorsa were found spread over around this shed no. 13. The wall of the T-shed no. 13A for fuse cutting and curing was also damaged in the accident. One person named Smt.

Adilakshmi age 35 W/o Pandi succumbed to injury in hospital and other three seriously injured and hospitalised.

Probable cause of accident: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the most probable cause is due to the friction caused by the mishandling of chorsa crackers by the workers while undertaking manufacturing activities in the Mfg. and Finishing shed no. 13.

4. **Date: 18.04.2021** **Place: Fireworks premises of Divya Bharathi, Vellore, T.N.**
Killed: 3 **Injured: 0**

The fire accident happened in the fire work shop during bursting fire crackers in-front of the shop in District Authority licensed premises. Place: Fireworks premises of Divya Bharathi 1/5, Old P.S. Road, Latteri, Taluka K.V. Kuppam, Latteri, VELLORE, Tamil Nadu.

5. **Date: 04.05.2021** **Place: Chandapur village, Hassan Dist**
Killed: 3 **Injured: Nil**

Accident occurred at nearby explosive premises of Sri C.H. Nagesh, situated at Sy.No.34, Chandapur village, Hassan District – Magazine licence No.E/SC/KA/22/361(E21506)

One explosive Road van bearing Regn. No.TN-30/BC-0313 covered under Licence No.E/SV/TN/25/24/(E85292) loaded with 2000 Kgs. Of Sun 90 and 9000 Mtrs. Of Sun Cord arrived at the magazine premises about 0220 P Mon 04/04/2021. Loaders of the magazine stated unloading of explosives from the van. While unloading third box of Sun 90, a huge sound of blast was heard by Driver of the van and other loaders and they ran away from the site. Three severely injured persons were taken to hospital. One person succumbed to his injuries in the ambulance on the way to hospital. Other two later died in the hospital due to severe injuries as intimated by Police.

Probable cause of the accident As per the information gathered, reports received, inspection and investigation carried out, the following might be the probable cause of the accident. The electric detonators unauthorisedly loaded on the bikes parked near the van/magazine premises might have initiated by the heat source of engine exhaust or electric circuit of the bikes, leading to major explosion. Matter is under investigation.

6. **Date: 21/06/2021** **Place: Vazhakkodu, Mullurkara Village, Thrissur**
Killed: 1 **Injured: 5**

An explosion accident took place in a non-functional stone quarry situated in Vazhakkodu, Mullurkara Village, Thrissur District, Kerala while destroying explosives by one of the explosives licence holder along with his team of workers in the evening hours of 21/06/2021 clandestinely. The explosion was so severe that, the window panels of the houses at 50 meters surrounding of the accident spot were shattered and damaged. One person was killed on the spot in the accident and 5 others received severe injuries.

The probable cause of the accident may be due to the burning of about 40 Kgs of Class 2 explosives along with some detonators.

7. Date: 21.06.2021 Place: Nathikudi, Distt. Virudhunagar

Killed: 1 Injured: Nil

A fire accident occurred in the premises of M/s. M/s Chidambaram Fireworks factory situated at Nathikudi village of Virudhunagar District on 21/06/2021 at about 12:15 P.M. covered under licence no E/HQ/TN/20/1121 (E39683) when a worker Mr.Gurusamy was taking out the tarpai (drying sheet) from the shed No. 47. Mr. gurusamy severally injured in the accident. He was admitted in the GH Sivakasi where he succumbed to burn injury about 4.20 PM.

Probable cause of accident: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the most probable cause is due to the friction caused by the mishandling of fireworks by the worker while working in shell assembling shed no. 47.However, the actual reason is under investigation.

8. Date: 14.07.2021 Place: Chintappalli, Distt. Virudhunagar

Killed: 1 Injured: Nil

A fire accident occurred in the premises of M/s. Ravindra Fireworks (P) Limited, situated at Chintappalli Village, Virudhunagar District, Tamil Nadu covered under license No. E/HQ/TN/20/672 (E6752)on 14/07/2021 at around 2.30 PM while undertaking filling and ramming activity in shed no. 4.

Probable cause of accident: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the most probable cause is due to the friction caused by the mishandling of fireworks by the worker while undertaking filling and ramming activity in shed no. 4.However, the actual reason is under investigation

9. Date: 20.09.2021 Place: Sithurajapuram, Distt. Virudhunagar

Killed: 1

Injured: Nil

A fire accident occurred in the premises of M/s. The National Papercaps Factory situated at VillSithurajapuram on 20/09/2021 at about 02:15 P.M. covered under licence no E/HQ/TN/20/728 (E27339) while handling dried paper sheets in the 2nd stage drying shed no. 56. One person succumbed to injury after the accident.

Probable cause of accident: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the most probable cause is due to the slipping and falling down of a worker on the amorces sheets while he was carrying it from the 2nd stage drying shed number 56.

10. Date: 26.10.2021 Place: Villupuram TN

Killed: 5

Injured: 9

An accident involving Fire and explosion occurred on 26.10.2021 at about 6.15 PM in the fireworks shop of Sh.Salvaganapathy,29, three junction Road, kallakurichi main road, Shankarapuram,kallakurichi, Villupuram, Tamil Nadu licenced under District MagistrateLicence No.02/2010-11 in which nine persons injured and five persons were killed. The firework shop and upper floor and adjacent bakery shop was demolished due to fire and explosion in fireworks shop and both side houses were damaged.Probable causes of accident are under investigation.

11. Date: 01.01.2022 Place: Kalathur, Distt. Virudhunagar

Killed: 4

Injured: 8

A fire accident occurred in the premises of M/s. RKVM Fireworks factory situated at Villkalathur on 01/01/2022 at about 08:30 A.M. covered under licence no E/SS/TN/20/6(E99347) while undertaking manufacturing activities inside the ingredient shed no. 17. Consequent to the accident, the ingredient shed no. 17 having six compartments and sulphur room no. 18 were fully razed to ground. Burnt chorsa were found spread over this ingredient shed location.The walls of the Aluminium powder room no. 16 and walls and doors of the General store room/laboratory/office were also damaged in the accident. Four persons succumbed to injury and other eight seriously injured and hospitalised.

Probable cause of accident: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the most probable cause is due to the friction caused by the mishandling of chorsa crackers by the

workers while undertaking manufacturing activities in the ingredient shed. However, the actual reason is under investigation.

- 12. Date: 29.01.2022 Place: Nattarmangalam, Distt. Virudhunagar**
Killed: 3 Injured: 1

A fire accident occurred in the premises of M/s. M/s. POMMI FIREWORKS situated at Vill.Nattarmangalam on 29/01/2022 at about 06:20 P.M. covered under licence no E/SC/TN/20/510 (E54647) while while burning waste black fuse and fireworks in the waste burning pit. Consequent to the accident, Sh. Aumugam S/o Sh. Duraisamy aged about 50 Years expired on the spot, Sh. Kuberan S/o Sh. Karuppasamy aged about 38 years was admitted to Madurai Rajaji Government Hospital, succumbed to burn injuries and died on 30.01.2022, Sh. Devandran S/o SH. Balamurugan aged about 33 Years was admitted to Madurai Rajaji Government Hospital, succumbed to burn injuries and died on 31.01.2022, Sh. GaneshPandi S/o Sh. Shivaji aged about 23 years was injured in the accident. Probable cause of accident: The reason is under investigation.

- 13. Date: 08.02.2022 Place: Enjar, Distt. Virudhunagar**
Killed: 0 Injured: 2

A fire accident occurred in the premises of M/s. LEO Fireworks situated at VillEnjar on 08/02/2022 at about 12:10 pm covered under licence no E/SS/TN/20/35(E106400) while welding job in an unauthorized shed. Consequent to the accident, fire took place in the unauthorized shed while welding and two workers sustained burn injuries.

Probable cause of accident: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the most probable cause is due to the negligence by the welding worker due to which spark has ignited the micro-cord and semi-finished fireworks leading to the accident. However, the actual reason is under investigation.

- 14. Date: 23.02.2022 Place: Salvarpatti, Distt. Virudhunagar**
Killed: 0 Injured: 1

A fire accident occurred in the premises of M/s. Sri Krishna Paper Caps Industries situated at VillSalvarpatti on 23/02/2022 at about 11:00 am covered under licence no E/HQ/TN/20/760 (E27439) while handling chemicals in shed no. 01 (Chemical Mixing Shed). Consequent to the accident, one worker Kathirvel sustained burn injuries.

Probable cause of accident: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the most

probable cause is due to the negligence by the worker (friction) while handling composition in the shed no. 1 due to which spark has ignited leading to the accident. However, the actual reason is under investigation.

- 15. Date: 24.02.2022 Place: Duraiyur Village, Kovilpatti Distt. Thoothukudi**
Killed: 4 Injured: 0

A fire accident occurred in the premises of M/s. Century Fireworks Private Limited situated at Vill. Duraiyur on 24/02/2022 at about 02:05 pm covered under licence no E/HQ/TN/20/841(E32118) while handling composition in shed no. 59 (Shell Filling Shed). Consequent to the accident, four workers succumbed to burn injuries.

Probable cause of accident: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the most probable cause is due to the negligence by the worker while handling fireworks in the shell filling shed no. 9 leading to the accident. However, the actual reason is under investigation.

- 16. Date: 26.02.2022 Place: Thayilpatti Distt. Virudhunagar**
Killed: 0 Injured: 1

A fire accident occurred in the premises of M/s. R.S.R. Amorges situated at Vill. Thayilpatti on 26/02/2022 at about 10:00 A.M. bearing licence no. E/HQ/TN/20/771(E27462) while undertaking manufacturing activities inside the nitration shed no. 2. Consequent to the accident, the roof and wall of the Nitration shed no. 2 got damaged. One worker sustained burn injuries and admitted to the Government Rajaji hospital, Madurai.

Probable cause of accident: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the most probable cause is due to the electric spark generated by the use non-FLP motors installed in the two unapproved tablets making machine while undertaking manufacturing activities in the nitration shed no. 2. However, the actual reason is under investigation.

- 17. Date: 01.03.2022 Place: Thiruthangal, Distt. Virudhunagar**
Killed: 1 Injured: 0

A fire accident occurred in the premises of M/s Royal Matches Industries (occupier D R Manivel) situated at Vill Thiruthangal on 01/03/2022 at about 11:45 A.M. bearing Permission No: G12(6)8/69 while handling matches inside the Dipped Splint room no. 3 when one worker was handing over the wooden frame to another worker, accidentally the wooden frame fell down and the head of the dried dipped match sticks touched the ground

spread with sand and fire initiated. Consequent to the accident, One worker sustained burn injuries and succumbed to injuries.

Probable cause of accident: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the most probable cause is due to the mishandling of the dipped splint matchsticks in the dipped splint room no. 3 by the workers due to which spark generated and fire occurred in the dipped splint room no. 3. However, the actual reason is under investigation.

18. Date: 03.03.2022 Place: Kottaiyur, Distt. Virudhunagar
Killed: 0 Injured: 3

A fire accident occurred in the premises of M/s. Sri Senthur Fireworks (Sh. P.Ajmeerkhan) situated at VillKottaiyur on 03/03/2022 at about 02:45 P.M. bearing licence no. E/HQ/TN/20/1350 (E87162) when fire from dry grass percolates down to the General store room and then to the gun powder mixing shed no. 1. Consequent to the accident, three workers sustained burn injuries.

Probable cause of accident: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the most probable cause is due to the negligence by the workers due to which fire started in the dry grass and percolates down to the General store room and then to the gun powder mixing shed no. 1. However, the actual reason is under investigation.

19. Date: 07.03.2022 Place: Subrmaniapuram, Distt. Virudhunagar
Killed: 1 Injured: 1

A fire accident occurred in the premises of M/s. **M/s. Vinayagar Fireworks Factory** situated at VillSubrmaniapuramon 07/03/2022 at about 04:50 P.M. bearing licence no. E/HQ/TN/20/792 (E27519) while undertaking cleaning activity in shell filling shed no. 2. Consequent to the accident, one worker sustained burn injury and one worker was killed in the accident. Probable cause of accident: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the most probable cause is due to the friction caused by the mishandling of composition by the worker while working in shell filling shed no. 2. However, the actual reason is under investigation.

CIRCLE OFFICE, HYDERABAD

B. PETROLEUM ACT, 1934

B.1 Petroleum Rules, 2002

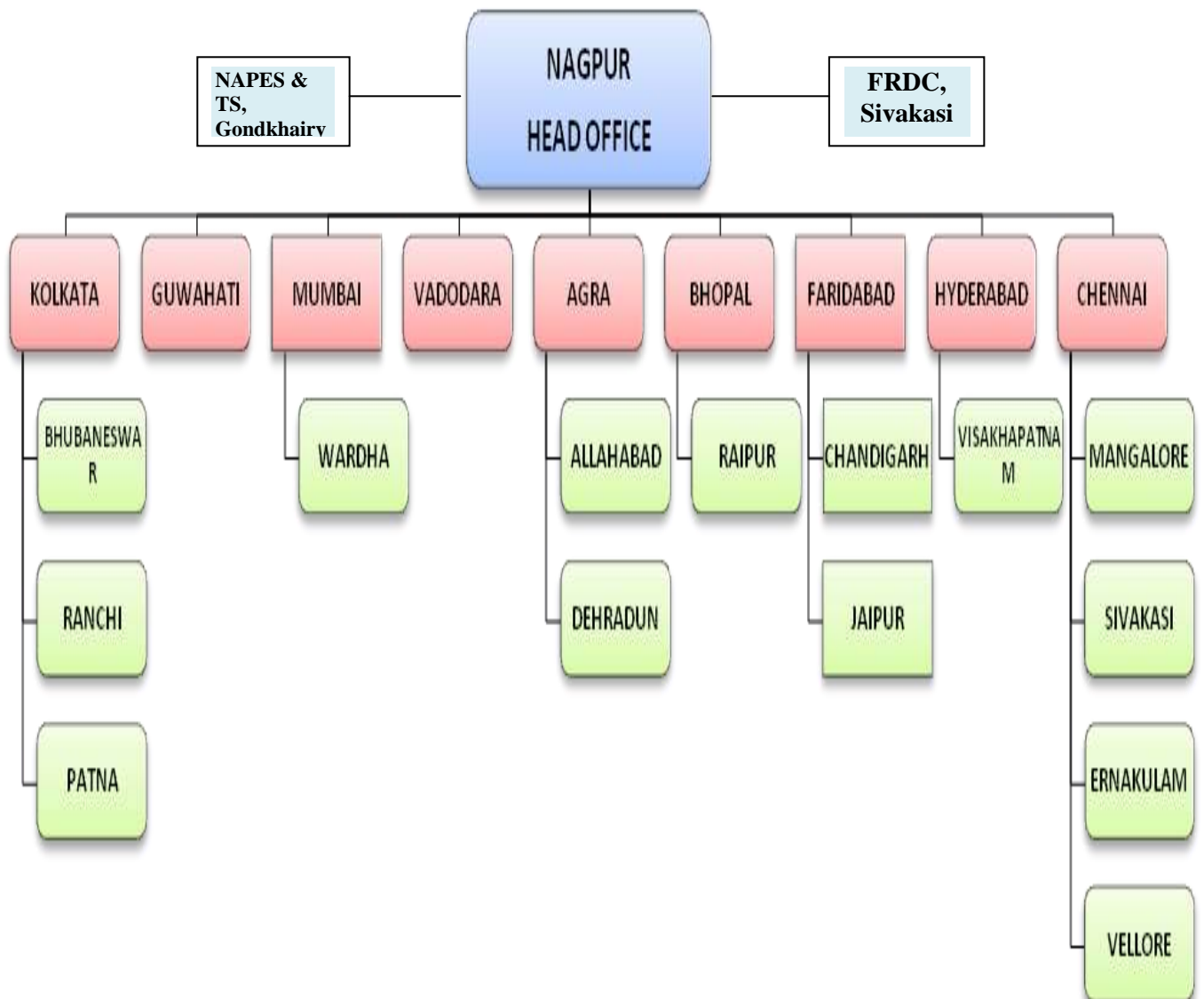
- 1. Date: 31.05.2022** **Place:** Naphtha Storage Tank, Visakh Refinery
Killed: Nil **Injured: Nil**

Fire Accident occurred in the Naphtha Storage Tank No. 120-T-203A of Visakh Refinery covered under Lic. No. P/HQ/AP/15/ 1581 (P180219). Matter is under investigation.

- 2. Date: 25.05.2021** **Place:** HPCL Visakh Refinery, Malkapuram, Visakhapatnam
Killed: Nil **Injured: Nil**

Major fire accident occurred on 25th May, 2021 in CDU (3) at HPCL Visakh Refinery located at Malkapuram, Visakhapatnam, District: Visakhapatnam, State: Andhra Pradesh covered under licence Nos. P-5(2)103/Refinery/XV in Form XV, P/HQ/AP/15/1587 (P180247). Matter is under investigation.

**ORGANIZATIONAL SETUP
OF
PETROLEUM AND EXPLOSIVES SAFETY ORGANIZATION (PESO)**



**JURISDICTION OF THE CIRCLE AND SUB-CIRCLE OFFICES OF THE
PETROLEUM AND EXPLOSIVES SAFETY ORGANIZATION (PESO)**

Sr. No.	Name of Office/Circle/Sub-Circle Offices	Address	Jurisdiction	Telephone/Fax Nos.
A	Head Office	E-mail: explosives@explosives.gov.in Web-site: http://peso.gov.in		
01	Nagpur	Chief Controller of Explosives, Petroleum And Explosives Safety Organization Block "A", 5 th Floor, C.G.O. Complex, Seminary Hills, Nagpur 440 006(M.S.)	Whole India	STD Code (0712) 2510103, 2510580 2510459, 2510389 2510579, 2511512, 2512006, 2510072, 2512091, 2510139, 2512093, 2512094, 2512257 EPABX No-2510248 Fax No. -2510577
B.	CIRCLE OFFICE NAVI MUMBAI E-mail : jtccemumbai@explosives.gov.in			
01	Navi Mumbai	Joint Chief Controller of Explosives, A-1 & A-2 Wing, 5 th Floor, C.G.O. Complex, CBD Belapur, Navi- Mumbai 400614. (M.S.)	Goa and Districts of Akola, Washim, Hingoli, Parbhani, Ahmednagar, Aurangabad, Beed, Buldana, Dhule, Jalgaon, Jalna, Kolhapur, Latur, Mumbai, Nagpur, Nandurbar, Nasik, Osmanabad, Pune, Raigad, Ratnagiri, Mumbai Suburban, Sindhudurga, Solapur, Sangli, Satara, Thane of Maharashtra State.	Fax No.022-27575967 Tel : 022-27575967 , 27575946, 27573881. 27564941 – Direct to Jt. C.C.E.
Sub-Circle Office E-mail: dyccewardha@explosives.gov.in				
02	Wardha	The Controller of Explosives, Plot No.36 & 37, Ward No.38,Rathi Layout, Rashtrabhasha Road, Wardha - 442001	Wardha, Yeotmal, Nanded, Bhandara, Gondia, Chandrapur, Gadchiroli of State of Maharashtra	Fax No.07152-230370. Tel:07152-245006.
C.	CIRCLE OFFICE VADODARA E-mail: dyccebaroda@explosives.gov.in			
01	Vadodara	Dy. Chief Controller of Explosives, 8 th Floor, Yash Kamal Building, Opposite M.S. University Sayajigunj,	State of Gujarat & Union Territory of Daman & Diu and Dadra & Nagar	STD Code (0265) 2361035, 2225159 Fax No.- 2225952

		Vadodara – 390 020	Haveli	
D. CIRCLE OFFICE KOLKATA E-mail : jtccekkolkata@explosives.gov.in				
01.	Kolkata	The Joint Chief Controller of Explosives, 8 Esplanade East, 1 st Floor, Kolkata 700069 (W.B.)	States of West Bengal, Sikkim & Andaman & Nicobar Islands	(033)22480427 22489524 22486600 22420686
SUB- CIRCLE OFFICE Email: dycceranchi@explosives.gov.in				
02.	Ranchi	Dy. Chief Controller of Explosives, 3 rd Floor, Sri Mohan Sita Compound, 5 Main Road, Behind Sushila Automobiles, Ranchi (Jharkhand,) Pin – 834001	State of Jharkhand.	0651-2332689 0651-2332690
SUB- CIRCLE OFFICE E-mail: dyccerhub@explosives.gov.in				
03.	Bhubaneswar	Dy. Chief Controller of Explosives, Samad House, Plot No.68,Ganga Nagar,Unit-6,Bhubaneswar,Odisha	State of Odisha	(0674)2397370, 2397390 Fax:2397656
SUB- CIRCLE OFFICE E-mail: cepatna@explosives.gov.in				
04.	Patna	Controller of Explosives, 4 th floor, 'F' Wing, Karpuri Thakur Sadan,Kendriya Karmchari Parisar, General Pool Office Accommodation(GPOA), Ashiyana - Digha Road, Digha,Patna(Bihar). Pin 800025	State of Bihar	(0612)2565913 2565914

E. CIRCLE OFFICE GUWAHATI E-mail : dycceguwahati@explosives.gov.in

01.	Guwahati	Dy. Chief Controller of Explosives, House No. 216, 2 nd Floor, Above IDBI, Chandmari, Guwahati 781021 Dist. Kamrup (Metro) Assam	State of Assam, Arunachal Pradesh, Mizoram, Manipur, Meghalaya, Nagaland and Tripura	STD Code (0361) 2655144, 2652503 Fax No.-2652783
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F. CIRCLE OFFICE CHENNAI E-mail : jtccechennai@explosives.gov.in

01.	Chennai	The Jt. Chief Controller of Explosives, South Circle, A” wing, 2nd floor, Shastri Bhavan, 26, Haddows Road Nungambakkam. Chennai-34. Telegram: Explosives/Dakshnekshak	Tamilnadu, Karnataka, Kerala, Andhra Pradesh, Telegana Pondicherry & Lakshadweep islands	STD: 044 - 28281041, 28281023 Tel: 28287118, TELE FAX: 28284848
SUB-CIRCLE OFFICE E-mail: dyChief Controller of ExplosivesErnakulam@explosives.gov.in				
02.	Ernakulam	The Dy. Chief Controller of Explosives, C2, 3 rd Floor, Kendriya Bhawan,	Kerala, Mahe in the Union Territory of Pondicherry and	STD: 0484 Tel: 0484-2427286, 2427296.FAX:

		Opp.CSEZ, Kakkanad, Ernakulum, Pin Code-682 037	Lakshadweep.	0484-2427276.
SUB-CIRCLE OFFICE E-mail: dyccemanglore@explosives.gov.in				
03	Mangalore	The Dy. Chief Controller of Explosives, 2nd floor, CITI CENTRE, Balmatta Road, Mangalore-575001. Telegram: Explosives	Karnataka	Tel: 0824-2441588 Fax: 0824-2423937
SUB-CIRCLE OFFICE E-MAIL: dyChief Controller of Explosivessivaksi@explosives.in				
04.	Sivakasi	The Dy. Chief Controller of Explosives, FRDC Complex, Near ESI Hospital, Sivakasi, West Sivakasi-(Tamil Nadu) – 626124,	Districts of Ramanathapuram, Virudhunagar, Sivagangai, Madurai, Theni, Dindigul, Tirunelveli, Tuticorin, Thanjavur, Thiruvarur, Nagapattinam, Kanyakumari.	Tel: 254 353, 04562 - 254 253, STD: 04562, FAX- 230233
SUB-CIRCLE OFFICE E-mail: dycevellore@explosives.gov.in				
05.	Vellore	The Controller of Explosives, No.3, V East Cross Street, Gandhi Nagar, Vellore – 632 006	T.E.L. Factory, Vellore Districts of Vellore, Thiruvannamalai, Dharmapuri Krishnagiri and Salem	Tel: 2241642 STD: 0416 FAX: 2242513
G. CIRCLE OFFICE HYDERABAD E-mail: Jtccc.hyderabad@explosives.gov.in				
01.	Hyderabad	Dy. Chief Controller of Explosives, Room No. 602, 6 th Floor, C.G.O. Towers, Kavadiguda, Secunderabad – 500 080, (A.P.)	Andhra Pradesh, Telangana State, Yenam in the Union Territory of Pondichery	STD (040) 27540359, 27547863 (D) Fax No. 27547803
SUB-CIRCLE OFFICE E-mail: dycevizag@explosives.gov.in				
02.	Visakhapatnam	Dy. Chief Controller of Explosives, Door No. 7-20-13, Kirlampudi Layout, Visakhapatnam – 530017	Whole State of Andhra Pradesh and Yanam Dist. of Puduchery. Pondicherry	STD (0891) 2722258 Fax No. 2722259
H. CIRCLE OFFICE AGRA E-mail : jtccagra@explosives.gov.in				

01.	Agra	The Joint Chief Controller of Explosives, Kendralaya, A-Wing, IInd Floor, 63/4, Sanjay Place, Agra-282002(Uttar Pradesh)	States of Uttar Pradesh, Uttaranchal, Madhya Pradesh & Chhattisgarh	STD (0562) 2521322, 2850161, 2523244, Fax No.- 2527436
SUB-CIRCLE OFFICE Email: dyceallahabad@explosives.gov.in				
02.	Allahabad	The Dy. Chief Controller of Explosives, Kendriya sadan (GPOA)34-A.M.G Marg Civil Lines, Prayagraj-211-1 Chauraha stenley road Allahabad	District of Allahabad, Ambedkarnagar, Azamgarh, , Balrampur, Ballia , Banda, Basti, Chitrakoot, Sant Ravidas Nagar, Bhadohi, Chandauli, Deoria, Faizabad, Ghazipur, Gonda, Gorakhpur, Jaunpur, Sant Kabirnagar, Kaushambi, Kushinagar, Mirzapur, Mau, Maharajganj, Pratapgarh, Shrawasti, Siddharth Nagar, Sonbhadra, Sultanpur, Varanasi, Raibareilly.	STD Code (0532) PhoneNo.: 2401518/2401519/2401520 Fax No. 2401521
SUB-CIRCLE OFFICE E-mail: cedehradun@explosives.gov.in				
03.	Dehradun	The Controller of Explosives,42/1, Indira Nagar, Near AsianSchool Dehradun- 248006 (Uttarakhand)	State of Uttarakhand	STD (0135) 2769780 Fax No.-2769794
I. CIRCLE OFFICE BHOPAL E-mail : jtce.bhopal@explosives.gov.in				
01.	Bhopal	Jt. Chief Controller of Explosives, E-7/77, Lala Lajpat Rai Society, Arera Colony, Near 12 No. Bus Stop, Bhopal – 462016 (M.P.)	State of Madhya Pradesh	Telephone no.- 0755- 2445270/2420775 Fax no. - 0755-2429997 E-mail : dyccebhopal@explosives.gov.in
SUB CIRCLE OFFICE E-mail : ceraipur@explosives.gov.in				
02.	Raipur	Office of the Controller of Explosives, Petroleum & Explosives Safety Organization Central Secretariat Building, 5 th Floor, A-Wing, Sector-24, Atal Nagar, Naya Raipur (C.G.)Pin Code No.	State of Chhattisgarh	Telephone no.- (0771) - 2442204, 2442205, 2442110 Fax no. - (0771) - 2442204

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J. CIRCLE OFFICE FARIDABAD E-mail : jtcefaridabad@explosives.gov.in

01.	Faridabad	Jt. Chief Controller of Explosives, Hall No. 502 & 507, Level-5, Block-II, Old CGO Complex, NH-4, Faridabad-121001	States of Haryana, Delhi, Rajasthan, Chandigarh, Punjab, Himachal Pradesh, Jammu & Kashmir, Laddakh & Chandigarh Union Territory.	PhoneNo:0129- 2410730-734
SUB-CIRCLE OFFICE E-mail: dceechandigarh@explosives.gov.in				
02.	Chandigarh	Dy. Chief Controller of Explosives, SCO No. 802, Second Floor, NAC, Manimajra, Chandigarh -160101.	Chandigarh, Punjab, Himachal Pradesh and Jammu & Kashmir	Contact No. 0172- 2731035 (Direct), 2731036 FaxNo. 2731040
Sub-Circle Office E-mail: dcejpr@explosives.gov.in				
03..	Jaipur	Dy. Chief Controller of Explosives, Amarpali Circle, Vaishali Nagar, Jaipur.	Rajasthan	STD (0141) 2356731, 2356781 Fax No.- 2350279

K. NATIONAL ACADEMY FOR PETROLEUM & EXPLOSIVES SAFETY & TESTINGSTATION, E-mail - dyccedts@explosives.gov.in

01.	Gondkhairy	Dy. Chief Controller of Explosives National Academy for Petroleum & Explosives Safety & Testing Station 18 km. Mile Stone, Amravati Road, Gondkhairy, Nagpur-440 023	District Nagpur & Amravati.	STD (07104) 280374, 280305 Fax No.- 280565
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L FRDC Email- dyccefrdc@explosives.gov.in

01.	Sivakasi (FRDC)	Fireworks Research and Development centre, Near E.S.I. Hospital, Sivakasi West, Virudhunagar District, Tamil Nadu – 626124.	-	STD (04562) 254402, Fax No.- 254404
M.	Pay & Accounts Office			
01.	Nagpur	Pay & Accounts Officer, C.G.O. Complex, Block “C”, 1 st Floor, Seminary Hills, Nagpur 440 006 (M.S.)	-	STD (0712) 2510819 Fax No.- 2510819

ANNEXURE-III**SANCTIONED STRENGTH OF OFFICERS & STAFF
OF THE ORGANIZATION**

Sr. No.	Name of the post	HO	NAPES & TS	FRD C	CHE N	HYD	KOL	GU W	FBD	AGR A	BHOP AL	MU M	VAD	Sub Circle Offices	TOTAL
1.	Chief Controller of Explosives	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2.	Jt. Chief Controller of Explosives	2	0	0	1	1	1	1	1	1	1	1	1	0	11
3.	Dy. Chief Controller of Explosives	4	1	0	1	1	1	1	1	1	1	1	1	13	27
4.	Controller of Explosives	4	1	2	2	2	2	2	2	2	1	2	2	14	38
5.	Dy. Controller of Explosives	4	3	3	3	2	2	2	3	2	3	3	3	27	60
6.	Accounts Officer	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7.	Administrative Officer	1	0	0	0	0	0	0	0	0	0	0	0	0	1
8.	Private Secretary	1	0	0	0	0	0	0	0	0	0	0	0	0	1
9.	Hindi Officer	1	0	0	0	0	0	0	0	0	0	0	0	0	1
10.	Senior Technical Assistant	0	3	2	0	0	0	0	0	0	0	0	0	0	5
11.	Senior Hindi Translator	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12.	Stenographer Grade-I	4	0	0	1	0	1	0	1	1	0	2	0	0	10
13.	Office Superintendent	4	0	0	3	0	3	0	3	3	0	3	0	0	19
14.	Assistant	9	1	0	2	1	2	1	3	2	1	2	1	9	34
15.	Library Assistant	1	0	0	0	0	0	0	0	0	0	0	0	0	1
16.	Accountant	1	0	0	1	0	1	0	1	1	0	1	0	0	6
17.	Upper Division Clerk	12	2	1	9	2	7	2	3	6	2	9	2	14	71
18.	Lower Division Clerk	12	1	1	5	2	3	1	3	3	2	4	2	19	58
19.	Stenographer Grade-II	2	1	0	1	1	1	1	1	1	1	1	1	9	21
20.	Stenographer Grade-III	1	0	1	1	1	1	1	1	1	1	1	1	10	21
21.	Junior Technical Assistant	0	4	1	0	0	0	0	0	0	0	1	0	0	6
22.	Junior Hindi Translator	0	0	0	1	0	1	0	1	1	0	1	0	0	5
23.	Driver	1	1	1	1	1	1	1	1	1	1	1	1	10	22
24.	MTS	9	5	4	5	2	5	1	4	5	1	5	2	11	59
	TOTAL	76	23	16	37	16	32	14	29	31	15	38	17	136	480

ANNEXURE-IV**Production of different types of explosives during last 5 years**

Description	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Class 1 Gun Powder (Metric Tonnes)	684.914	527.802	605.963	462.395	472.529
Class 2 (a) Cartridges	475957.172	554594.116	519111.373	538556.551	601384.122
(b) Site Mixed Explosives (Metric Tonnes)	844193.966	852780.114	896284.821	930642.806	1033525.949
Class 3 Div 1 (Nitro Glycerin)	Nil	Nil	Nil	Nil	Nil
Class 3 Div-2 Booster and PETN* (Metric Tonnes)	9207.044	10640.802	10598.265	11102.749	14109.897
Class 6 Div 1 Safety Fuse (Million meters)	58.952	45.529	35.01	38.99	38.36
Class 6 Div 2 Detonating fuse (Million mtrs)	674.976	722.895	754.22	817.73	868.03
Class 6 Div 3 Detonators (million no.)	983.962	1095.403	1177.20	1087.68	1041.80

*PETN- Penta Erythritol Tetra Nitrate

Production of Ammonium Nitrate during last 3 years

Description	2017-18	2018-19	2019-2020	2020-2021	2020-2021
Ammonium Nitrate (Solid) (in MT)	384,686.75	452,939.15	380889.4	358321.13	390664.450
Ammonium Nitrate (Melt) (in MT)	334,570.73	359,075.44	351852.9	369572.40	468076.112

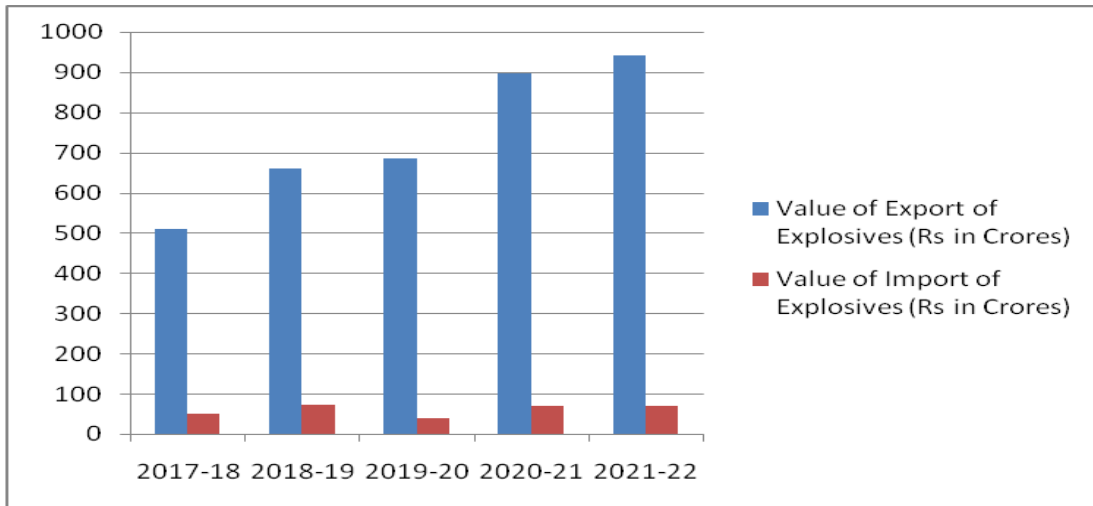
EXPORT & IMPORT OF EXPLOSIVES**EXPORTS:**

Indian made explosives & accessories are known for their quality, reliability & performance and well received in the highly competitive global market. The value of explosives exported in the year 2021-2022 was **Rs. 942.49 Crores**. The trend on export of Indian made explosives in terms of value of explosives exported since 2002 is encouraging Indian Explosives Industry as well contributing to the Indian Economy. This could be achieved by the Indian Explosives Manufacturers as they are able to meet the quality requirements demanded by the overseas market. During the year 2021-2022, **652** Nos. of licenses were granted in favour of Indian explosives manufactures for exportation of authorized explosives manufactured by them. **29** Nos. of licenses also granted for exportation of **30030 MT** of Ammonium Nitrate.

IMPORTS:

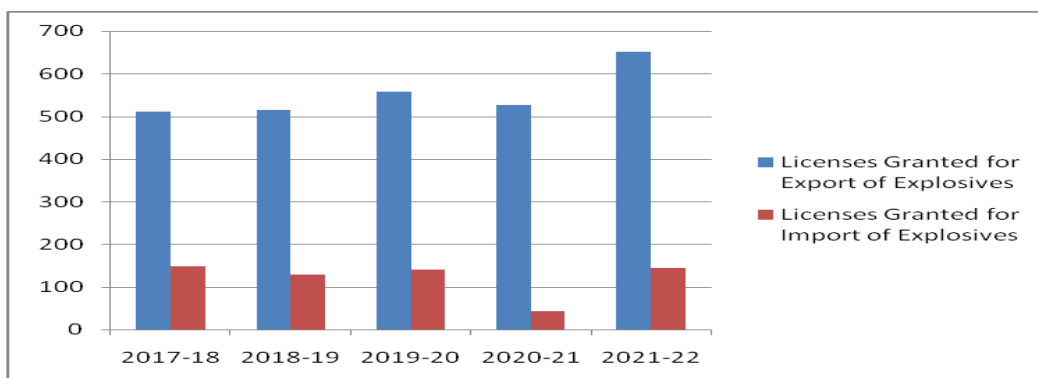
The import of explosives of foreign origin are primarily oil well logging explosives imported by the oil well operating or oil well service providing companies. Explosives which are not manufactured in the country are only being imported which are meant for specialized applications. During the year 2021-2022, **144** Nos. of licenses were issued for importation of explosives. The value of explosives imported was Rs. **70.72** Cores. **160** Nos. of licenses also granted for Import of **277607** MT of Ammonium Nitrate.

Year	Value of Export of Explosives (Rs in Crores)	Value of Import of Explosives (Rs in Crores)
2017-18	510.95	49.45
2018-19	659.88	71.19
2019-20	685.63	39.05
2020-21	898.06	68.59
2021-22	942.49	70.72



Licenses issued for Import and Export of Explosives

Year	Licenses Granted for Export of Explosives	Licenses Granted for Import of Explosives
2017-18	510	149
2018-19	515	129
2019-20	558	141
2020-21	527	42
2021-22	652	144



DESTRUCTION OF EXPLOSIVES DURING THE YEAR 2021-2022

Class-1	297
Class-2	95381.52
Class 6 Div.1(Meters)	534285.34
Class 6 Div.2	65629.75
Class 6 Div.3	577765
Class 7	107
Class 7 Div.1	69.280
Class 7 Div.2	20405.78
Class 7 Div.3	17
Class 7 Div 1&2	350
Class 7 Div 2 sub div 2	11840
Ammonium Nitrate	17430
Unclassified (Desi Bomb)	24
Other chemical firework	70

**PRODUCTION, IMPORT & EXPORT OF GAS CYLINDERS,
VALVES & REGULATORS**

A Comparative statement of production of Cylinders, Valves & Regulators during 2019-2020, 2020-2021 & 2021-2022 are given below.

Sr. No.	Items Manufactured	Nos. Manufactured During the Years		
		2019-20	2020-21	2021-22
01.	Welded low Carbon steel Gas Cylinders For	3,25,39,157	2,49,38,488	3,65,42,586
02.	Seamless Steel Cylinders for Permanent & high pressure Liquefiable Gas	13,33,559	15,88,632	23,64,756
03.	Valve for :			
	a. LPG Cylinders	4,65,02,203	3,35,01,190	4,71,05,289
	b. Other Gas Cylinders.	4,82,970	3,70,189	5,13,189
04.	Low Pressure LPG Regulators.	3,21,88,877	2,32,81,322	3,13,38,958

IMPORT OF CYLINDERS

A numbers of high purity permanent gases & gas mixtures are required to be imported duly filled in cylinders to meet the requirements of Trade & Industry. It is, therefore, becomes necessary to allow import of large numbers of cylinders from various Countries. During the year 2021-22, **2065 Licenses** were granted to cover importation of **38803** cylinders filled with various gases/ gas mixtures, **954521** numbers empty Cylinders for filling with compressed gases including empty CNG cylinders for automobiles use. Also **1774** cylinders filled with various gases/ gas mixtures and **28567** empty cylinders were imported by air.

EXPORT OF COMPRESSED GAS FILLED IN CYLINDERS

During the year **64136** empty cylinders/containers were imported & re- exported duly filled with gas.

LIST OF MANUFACTURERS OF WELDED LPG CYLINDERS
(Approved during 01.04.2021 to 31.03.2022)

Sl.No.	Name
1.	M/s. Tirupati Containers Private Limited Unit-IV, 72, Ground Floor, World Trade Center Babar Road, Cannought Place, New Delhi - 110001
2.	M/s. Tirupati Containers Private Limited Unit-V, 72, Ground Floor, World Trade Center Babar Road, Cannought Place, New Delhi - 110001
3.	M/s. Vishal LPG Industries 7, Industrial Area (Shed No 4), Sikandrabad District Bulandsahar – 203205, UP.
4.	M/s. Bankey Ji Containers Pvt. Ltd., UNIT-I TO UNIT-V Near Bonn Bread, Chandigarh Road, Village Mangarh, PO Kohara, Ludhiana, Punjab – 141 112
5.	M/s. Globatech Enterprise Pvt. Ltd., Village Kaddon, G.T. Road, Near Punjab Apparel Park, Doraha, Ludhiana, Punjab – 141 421.
6.	M/s. Maa Kamakhya Pressure Vessels LLP, Industrial Growth Centre, Ghoramari, Balipara, Dist. Sonitpur – 784 105 (Assam).

LIST OF MANUFACTURERS OF HIGH PRESSURE GAS CYLINDERS
(Approved during 01.04.2021 to 31.03.2022)

Sl.No.	Name
1.	M/s. Maruti Koatsu Cylinders Ltd., 1402-A, GIDC Industrial Estate, Halol – 389 350, Distt. Panchmahal (Gujarat).
2.	M/s. Sarju Impex Limited, Plot No. Z-13, Dahej SEZ Ltd., Dahej-Ambetha, Village – Ambetha, Ta. Vaghra – 392 130, Distt. Bharuch (Gujarat).
3.	M/s. Bharat Forge Limited, Pune Cantonment, Mundhwa, Pune – 411 036.

**LIST OF MANUFACTURERS OF VALVES FITTINGS FOR COMPRESSED GAS
CYLINDERS OTHER THAN LPG CYLINDERS**
(Approved during 01.04.2021 to 31.03.2022)

Sl.No.	Name
1.	M/s. Olympic Engineers Pvt.Ltd., (MFV) Plot No. 66, Sector -6, IMT Manesar, Gurugram – 122 050 (Haryana).
2.	M/s. Tidan Forging Pvt. Ltd., Plot No. 253, New GIDC, Phase-3, Antalia, Bilimora, Distt. Navsari, Gujarat – 396 325.
3.	M/s. Cryptzo Engineering Pvt. Ltd., Plot No. A-158 & A-159, Vile Bagad, MIDC Industrial Area, Post Office Indapur, Yelwadegaon, Taluka Mangaon, District Raigad – 402 308 (M.S).
4.	M/s. Swastik Synergy Engineering Pvt. Ltd., 302, Business Suites, 9, S.V. Road, Santacruz (W), Mumbai – 400 054.
5.	M/s. Shree Marutinandan Engineers, Plot No. D, Block No. 60, Survey No. 37/1, Beside Paramount Looms, Nr. Sahyog Hotel, Village Karanj, Taluka Mandvi, Surat – 394 110 (Gujarat).

LIST OF APPROVED PRESSURE VESSEL FABRICATOR

(Approved during 01.04.2021 to 31.03.2022)

Sr. No.	Name of company	Approval No. & date
1	M/s. SSV VESSELS PVT. LTD. Village Deeg, Ballabgarh Dist. Faridabad-121004	A/S/HQ/HN/PVM/14 Dated 15/04/2021
2	M/s. Super Cryogenic Systems Pvt Ltd., Plot NO.35, GIDC Savli Industrial Area, Manjusar Dist. Vadodara – 391 775	A/S/HQ/GJ/PVM/37 Dated 11/05/2021
3	Emerson Process Management Chennai Private Limited, Plot No. 5,6,7,8, Self Help Industrial Estate, Chennai – 600 117	A/S/HQ/TN/PVM/17 Dated 21/05/2021
4	Raj Engineering Co., SurveyNo :Old No. 216 New No. 170 Survey No.216 New No. 170, Kaladara, Tal. Vagra, kaladara,Bharuch, Vagra, BHARUCH, Pin : 392130	A/S/HQ/GJ/PVM/38 Dated 31/05/2021
5	Optech Engineering Pvt Limited Plot no :Unit II j- 89additional industrial area,murbad midc, village- kudavali, Thane, Murbad, THANE, Pin : 421401	A/S/HQ/MH/PVM/72 Dated 08/07/2021
6	OPTECH ENGINEERING PVT LIMITED, PlotNo :Unit II J-89 ADDITIONAL INDUSTRIAL AREA, MURBAD MIDC, KUDAVALI, Kalyan, Murbad, THANE, Pin : 421401	A/S/HQ/MH/PVM/73 Dated 08/07/2021
7	Pamposh Fabricators and Consultants PlotNo :A - 66/2/1 ADDITIONAL MIDC, ANAND NAGAR, Ambarnath, THANE,Pin : 421506	A/S/HQ/MH/PVM/74 Dated 05/08/2021
8	P. K.ENGINEERS GutNo :1651 PATIL NAGAR, HIGH SCHOOL ROAD, CHIKHALI, HAWELI, PUNE., Haveli, PUNE,Pin : 411062	A/S/HQ/MH/PVM/75 Dated 13/08/2021
9	Incryo Systems Private Limited SurveyNo :614/615 Village-Uchhad, Jambusar, BHARUCH, Pin : 392150	A/S/HQ/GJ/PVM/39 Dated 14/09/2021
10	HYPRO ENGINEERS PRIVATE LIMITED GutNo :225/251/252/253/254/255 At post Kalamshet, Off Pune Mulshi Highway,, Kalamshet, Pune City, Mulshi, PUNE, Pin : 412108	A/S/HQ/MH/PVM/76 Dated 08/10/2021
11	Yantrik Engineers (UNIT II) GutNo :319-320 Pune- Saswad Road, Opp Paikhi Visava, Zendewadi., Purandhar, PUNE, Pin : 412301	A/S/HQ/MH/PVM/77 Dated 13/10/2021

12	REPOS IOT INDIA PVT LTD GutNo :290, Pune Nashik Highway,Santosh Nagar,Waki Bk,Taluka-Khed,District-Pune,Pin-410501,	A/S/HQ/MH/PVM/78 Dated 29/10/2021
13	Shell-N-Tube Pvt Ltd. PlotNo :B2/B15 MIDC WAI INDUSTRIAL ESTATE PUNE MAHABLESHWAR ROAD WAI SATARA DISTRICT, SULTANPUR, Pin : 412803	A/S/HQ/MH/PVM/79 Dated 17/11/2021
14	BHIWADI CYLINDERS PRIVATE LIMITED, PlotNo :E- 925, 1200 & 1201, Industrial Area Phase III Bhiwadi Dist., Alwar Rajasthan 301019	A/S/HQ/RJ/PVM/2 Dated 17/12/2021
15	Bharat Heavy Electricals Limited High Pressure Boiler Plant Trichy-Tanjore Road, Tiruverumbur Tiruchirappalli, Tamilnadu, 620 014	A/S/HQ/TN/PVM/18 Dated 29/12/2021
16	Incryo Systems Private Limited SurveyNo :614/615 Village - Uchhad, Jambusar, BHARUCH, Pin : 392150	A/S/HQ/GJ/PVM/40 Dated 03/01/2022
17	Darling Muesco (India) Pvt. Ltd. PlotNo :97/A Phase-1 , GIDC Estate , Vatva, Ahmedabad, Pin : 382445	A/S/HQ/GJ/PVM/41 Dated 11/01/2022
18	NIKKISO COSMODYNE INDIA PRIVATE LIMITED PlotNo :454 GIDC INDUSTRIAL ESTATE, N.H.8, POR-RAMANGAMDI, VADODARA, Pin : 391243	A/S/HQ/GJ/PVM/42 Dated 13/01/2022
19	Sparkon Engineers, Plot No. 1 & 5, Gat No 627/2,Kuruli,Chakan,Tal Khed,Dist.Pune-410501.	A/S/HQ/MH/PVM/80 Dated 28/02/2022
20	Bliss Anand Pvt. Ltd. PlotNo :240 Sector - 3, HSIIDC Bawal, Rewari, Pin : 123501	A/S/HQ/HN/PVM/15 Dated 09/03/2022
21	ISHAN EQUIPMENTS PRIVET LIMITED (UNIT II) SurveyNo :144, 145, N.H. No. 8, At. Sankharda, VADODARA, Pin : 390350	A/S/HQ/GJ/PVM/43 Dated 21/03/2022
22	Gas Projects (I) Pvt. Ltd. PlotNo :A-184 TTC Industrial Area, Koperkhairne, Navi Mumbai MIDC, Koperkhairne, THANE, Pin : 400710	A/S/HQ/MH/PVM/81 21/03/2022

ANNEXURE-X**Explosives Manufacturing during 01.04.2021 to 31.03.2022**

Sr. No.	Licensee Name	Licence No.
1	Imploclad Technologies Private Limited BETUL M.P.	E/HQ/MP/20/40
2	M/s. Keltech Energies Ltd. NAGPUR M.S.	E/HQ/MH/20/112
3	M/s. Solar Industries India Limited NAGPUR M.S.	E/HQ/MH/20/111
4	M/s. ACV Explosives LLP, PALI, Rajasthan	E/NC/RJ/20/57
5	M/s. ACV Explosives LLP, PALI, Rajasthan	E/NC/RJ/20/58
6	M/s. IDEAL Detonators Pvt. Ltd., NALGONDA Telangana	E/HQ/TG/20/102
7	M/s. Indo Gulf Industries Ltd. JHANSI Uttar Pradesh	E/CC/UP/20/48

Explosives SME Licences granted during 01.04.2021 to 31.03.2022

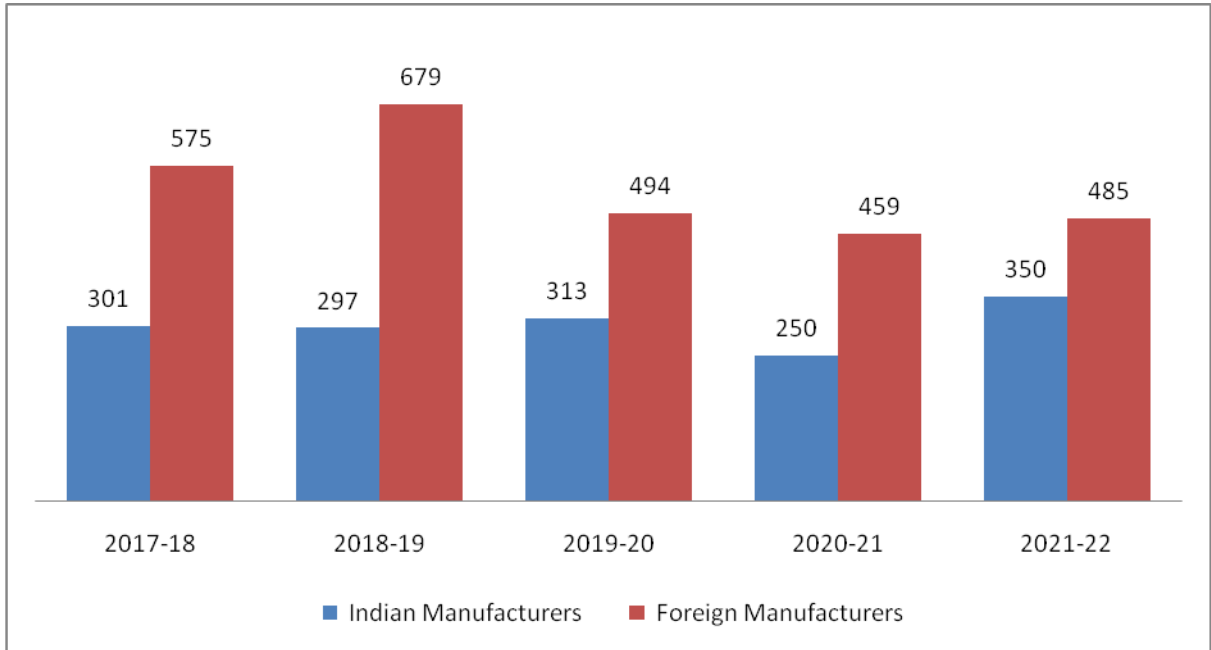
S. No.	Licensee Name	Licence No.
1	M/s. Solar Industries India Limited DAKSHIN BASTAR DANTEWADA Chhattisgarh	E/HQ/CG/SM/30
2	M/s. Mars Industries Limited RAMGARH Jharkhand	E/HQ/JH/SM/22
3	M/s. Keltech Energies Ltd. NAGPUR Maharashtra	E/HQ/MH/SM/19
4	M/s. Indian Explosives Private Ltd. UDAIPUR Rajasthan	E/NC/RJ/SM/1
5	M/s. Premier Explosives Ltd. KARIMNAGAR Telangana	E/SH/TG/SM/1
6	M/s. Solar Industries India Limited KHAMMAM Telangana	E/HQ/TG/SM/28

Explosives ANFO Licences granted during 01.04.2021 to 31.03.2022

Sr.No.	Licensee Name	Licence No.
1	The Ramco Cements Limited , KURNOOL Andhra Pradesh	E/SH/AP/38/1
2	M/S ACC Limited , GULBARGA Karnataka	E/SC/KA/38/41

3	M/s HANUMAN ENTERPRISES, KHURDA Odisha	E/EC/OR/38/57
4	Venkateshwara Metal Suppliers , PEDDAPALLI Telangana	E/SC/TG/38/85

Year wise Approval issued for Ex-Electrical Apparatus:



TESTING OF PETROLEUM VESSELS IN 2021-2022

The Officers of the Organization have issued total **17,563** gas free certificates during the year 01.04.2021 to 31.03.2022 after testing oil tanks pump rooms etc. of petroleum tankers/vessels at Mumbai, Alang (Gujarat), Kolkata, Visakhapatnam, Mangalore, Chennai and Cochin ports.

Even though tankers due for breaking by dismantling and cutting in Ship Breaking Yards are not petroleum carrying vessels, the Organization considering the hazards associated and safety of workers involved, has been extending its services for examination and testing such vessels for their gas free conditions for the purpose of Dock Entry and Man Entry and hot work. This has helped the Indian ship breaking industry to grow and develop as the second largest such industry in the world.

COURT ATTENDANCE:

During the year 2021-22, officers of the Organization attended law courts on **73** occasions for tendering expert technical evidence in cases of prosecution under various sections of the Explosives Act 1884 and the Explosives Substance Act 1908.

WORKING OF REFINERIES FOR THE PERIOD OF 01.04.2021 TO 31.03.2022

Sr. No.	Name of Refinery	Crude Oil Processed	Installed Capacity	LPG Produced	LPG Imported	LPG Marketed	No. of Accident	Export	
		MMT	MMT	MMT		MMT		Quantity (In MMT)	Value (In Crores)
1	IOCL Digboi	0.7078	0.65	0.012	0	0.012	0	0	0
2	IOCL Panipat	14.848	15	0.7449	0	0.747	0	0	0
3	IOCL, Guwahati	0.849	1.45	0.046	0	0.0459	0	0	0
4	IOCL Paradip	13.217	15	0.611	0	0.614	0	1.953	10525
5	IOCL, Barauni	5.6	6	0.364	0	0.364	1	4.853	26889.91
6	IOCL, Haldia	7.3059	8	0.24166	0	0.24	1	0.074	438.94
7	IOCL, Vadodara	13.474	13.7	0.4343	0	0	0	0	0
8	IOCL, Mathura	9.122	8	0.477	0	0.477	0	0	0
9	IOCL, Bongaigaon	2.638	2.7	0.16	0	0.16	0	0	0
10	HPCL, Mumbai	5.558	7.5	0.251	0.267	0.518	0	1.18	5176.11
11	HPCL, Visakh	9.65	8.849	0.601	0	0.601		0.886	1307.8
12	Nayara Energy Limited	20.16	20	1.005	0	1.0031	1	0	0
13	BPCL, Kochi Refinery	15.576	15.5	0.972	0	0.9715	0	0.857	5042.6
14	CPC Limited, Cauvery Basin Refinery	0	1	0	0	0	0	0	0
15	CPCL, Manali	8.542	10.596	0.3705	0	0.3704	0	0.759	1929
16	Numaligarh Refinery Ltd., Assam	2.62	3	0.0437	0.0132	0.0584	0	0	0

17	RIL, Jamnagar, SEZ Refinery Division	34.757	33	0.796	0	0.798	0	7.556	39051
18	RIL, DTA	28.264	35.2	1.102	0	1.105	0	32.667	174157
19	MRPL, Limited	14.87	15	1.049	0	1.051	0	4.81	14514.84
20	HPCL Mittal Energy Ltd.	13.007	11.3	0.984	0	0.993	0	0	0
21	Bharat Oman	7.409	7.8	0.257	0	0.257	0	0	0
22	ONGC Limited, Hazira, Surat	0	0	0.74	0	0.6085	1	0	0
	Total	228.1747	239.245	11.26206	0.2802	10.9948	4	55.595	279032.2