

2019-2020

Petroleum & Explosives Safety Organisation



*O/o Chief Controller of Explosives,
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Website: <http://peso.gov.in>

INDEX

CH.NO.	CHAPTER NAME	PAGE NO.
1	Introduction	2-4
2	Basic Role and Functions of the Organisation	5-9
3	Activities of the Organization in Brief	10-13
4	Administration, Budget and Infrastructure	14-15
5	Departmental Testing Station (DTS) & Fireworks Research Development Centre (FRDC)	16-23
6	e-Governance	24-30
7	Meetings-Seminars-Lecture-Training Programmes	31-60
8	Representation of SC/ST/OBC/Ex-Servicemen & Physically Disabled persons in service	61
9	Vigilance Activities	62-64
10	Use of Official Language in PESO	65-68
11	Inspection of the Licensed/Approved Premises	69-70
12	Accident Investigation	71-90
ANNEXURES		
I	Organizational Set up	91
II	Jurisdiction of the Circle and Sub-Circle offices	92-96
III	Sanctioned strength of officers & staff of the Organisation	97
IV	Production of explosives during last 3 years	98
V	Export and Import of Explosives	99
VI	Destruction of Explosives	100
VII	Production, Import & Export of Gas cylinders, valves & Regulators)	101-102
VIII	Approval to Ex-Electrical Apparatus Manufacturers	102
IX	List of manufacturers of LPG valves Fittings List of manufacturers of Welded LPG cylinders List of manufacturers of LPG regulators	103-104
X	List of approved Pressure Vessel Fabricator	105
XI	Explosives Manufacturing during the year 2019-2020	106-107
	Testing of petroleum vessels & court attendance	108
XII	Working of Refineries during 2019-2020	109-110

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 **108** officers out of sanctioned strength of **137 officers**, is the only organisation of its kind directly overseeing the safety requirements for over **3.35 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 (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. 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 approach, up-gradation of knowledge base, deployment of IT techniques and over all traditional dedication towards safety, the organisation is poised to scale new heights of excellence in the years to come.

M K Jhala
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.

2.1.6 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.

2.1.7 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.

2.1.8 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 these 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** Advising 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** Advising the Central and State Governments, the Industry 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 Activities of PESO under Ease of Doing Business in the FY 2019-20:

3.3.1 Delegation of Power:

With effect from 01.04.2019; PESO has delegated almost all the licensing power to the Circle and Sub Circle offices for benefit of the stake holders. Stakeholders and licensees across India need not come to Nagpur and they can visit to the nearest Circle / Sub Circle office for getting their work done and only guidelines are issued from Head Quarters with respect to policy decision or new technologies.

3.3.2 Self Online Renewal:

The initiative taken by PESO for self online-renewal of the statutory licenses by the stakeholders is perhaps first of its kind in any Government department and is a revolutionary step towards Ease of Doing Business. Petroleum and Gas Industry will be immensely benefitted by this self online-renewal of the statutory licenses.

Almost 60% of the license issued by PESO can be self renewed online by the stakeholder themselves with click of a mouse by sitting at his home or office. In the year 2019-20, 15609 licenses under the Petroleum Rules & 1737 licenses under the Gas Cylinders Rules were being self renewed by the stake holders

3.3.3 E-Payment of fees

To promote Prime Minister's digital payment scheme; PESO has launched facilities of e-payment of license fees and with effect from 11.11.2019; PESO has made compulsory

submission of license fees through e-payment; either through PESO;s online application portal or through Non Tax Receipt Portal (Bharat Kosh). As on date out of total revenue received by PESO; more than 85% of the revenue is through online payments or through Bharat Kosh.

3.3.4 Paperless approval:

PESO has launched paperless application and paperless grant of license process for petroleum road tankers which has directly benefited more than 1 lakh petroleum road tanker owners. PESO plans to expand this facility to other licenses also.

3.3.5 Transportation of Chlorine through Pipelines:

An expert committee headed by the Chief Controller of Explosives was constituted to frame guidelines for transportation of chlorine through pipelines and accordingly PESO published guidelines for transportation of dry chlorine through pipelines within industrial premises.

3.3.6 Licensing system for District Authority (LSDA):

In the existing LSDA module PESO has introduced additional facilities for District Magistrate and Commissioner of Police for granting licenses for manufacture / storage of fireworks / gunpowder, license for fireworks shops and for display fireworks.

3.3.7 Green Crackers:

CSIR-NEERI has developed formulations for green crackers which may reduce pollution created due to conventional fireworks in line with the compliance of Hon'ble Supreme Court vide its Judgment in WP (C) 728 of 2015 and PESO has approved the formulation. Based on the certificates and agreement obtained from CSIR-NEERI; the Circle and Sub Circle offices of PESO have been instructed to approve the formulation and grant in principle approval for manufacture green crackers.

3.3.8 Public Domain:

PESO has introduced the public domain facility for benefit of the stake holders for viewing the status of his/ her application submitted to PESO on real time basis. Almost 46 services provided by PESO can be viewed through public domain.

3.3.9 Online application facility for expired license:

For benefit of stake holders, PESO has extended the facility to submit online applications in case of expired license up to 1 year from the date of expiry of license subject to payment of late fees as per applicable rules.

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, **29** posts of Group 'A' and **79** Group 'B' and 'C' officials are lying vacant due to various administrative procedures and reasons. The Petroleum and Explosives Safety Organization (PESO) is headed by the Chief Controller of Explosives with its headquarter at Nagpur and there are 5 Circle Offices located at Mumbai, Chennai, Kolkata, Faridabad and Agra each is headed by the Jt. Chief Controller of Explosives. The organization has 13 Sub-Circle Offices under various Circle Offices and are headed by the Dy. Chief Controller of Explosives and 5 Sub-Circle offices under various Circle Offices and 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 Research 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

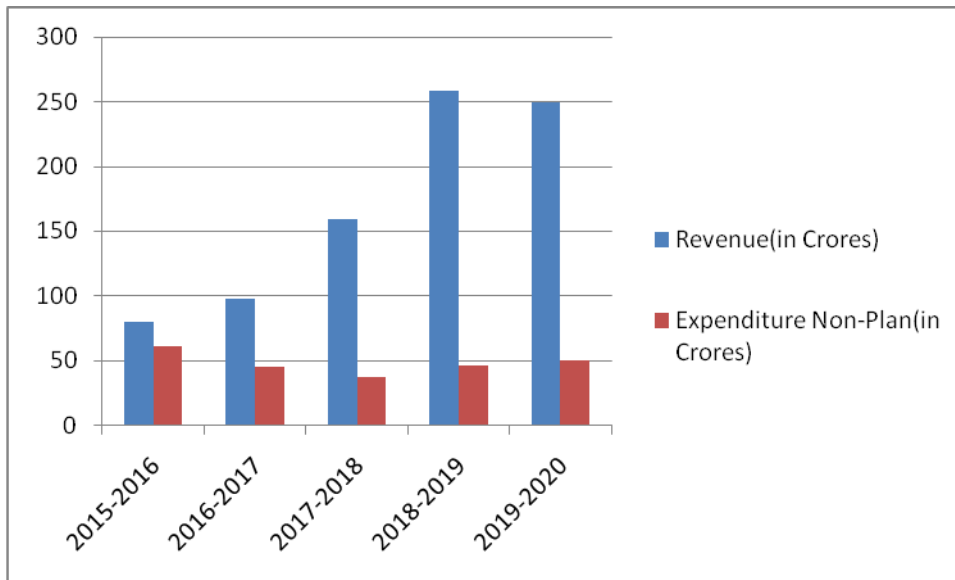
During the year 2019-20 (B.E.), budget granted for establishment was **Rs. 59,26,00,000** and upgradation of organization was **Rs. 24,01,00,000**. During the year, the expenditure for establishment was **Rs.50,30,63,738** and upgradation of organization was **Rs. 161528952/-**

4.3 REVENUE

During the year 2019-20, the organization earned revenue of **Rs 249,72,45,450/-** on account of fees for the services rendered under various acts and rules which includes **Rs. 122,22,09,700/-** under Explosives Act and **Rs. 127,5035,750/-** 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 Non-Plan(in Crores)
2015-2016	80.58	60.92
2016-2017	98.32	46.00
2017-2018	159.14	37.518
2018-2019	258.28	46.79
2019-2020	249.72	50.31



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

5.1 NAPES & DTS

(1) INTRODUCTION

Departmental Testing Station of the Petroleum and Explosives Safety Organization, erstwhile 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 Industry & Commerce, 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)** Grant of licenses for road van and export containers for export of explosives.
- (d)** Grant of Shot Firer's Permit
- (e)** To impart training to PESO Officers and stakeholders.

- (f) Renewal of Licences under Petroleum Act 1934 and Explosives Act 1884 for the District of Amravati and Nagpur.

(3) 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 – 2368 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	-	213
iii)	Explosives Class 3 Div 2	-	09
iv)	Explosives Class 6 Div 1 (Safety Fuse)	-	02
v)	Explosives Class 6 Div 2 (Detonating Fuse)	-	51
v)	Explosives Class 6 Div 2 (Shock Tube)	-	01
vi)	Explosives Class 6 Div 3 (Detonators)	-	133
vii)	Explosives Class 7 (Fire Works)	-	208
viii)	Explosives Class 7 (Fire Works)	-	01

2) **Testing of packages of Explosives and Fireworks-**

- i) Samples for new approval - 18
 ii) Samples drawn by circle/sub circle offices - 80

3) **Safety Fittings** - 12
 Containers / Barrel

- (d) **UN Classification Test** - Nil

- (e) **Shot Firer's**
 Certificates Granted -- 21 Nos.

- (f) **Police Exhibit Cases**
 Received cases - 02
 Attended cases - 02

(g) **Inspections:-**

(A) Premises covered under licence

Under Explosives Act, 1884	No.of premises inspected during the period from April,2019 to 31 March, 2020
(i) Explosives Rules,2008	
Category A	50
Category B	18

Category C	400
(ii) Ammonium Nitrate Rules, 2012	4
(iii) GCR-2004 Category-A	-
Category B	4
Category C	10
(iv) SMPV (U) Rules,1981 Category-A	28
Category B	-
Category C	-
TOTAL (1)	514
Under Petroleum Act, 1934	
(i) Under Pet. Rules 2002	
Category A	-
Category B	-
Category C	67
(ii) Calcium Carbide Rules	-
(iii) Cinematography Film Rules 1948	-
TOTAL (2)	67
Total (1) + (2)	581

Total Revenue received -Rs. 35,45,750/-

Total Expenditure -Rs. 3,92,05,110/-

Total Receipts - 3246

Total Disposal - 3416

(4) **Highlights of the year** -

- National Academy for Petroleum & Explosives Safety & Testing Station has started conducting training programme for PESO officials and stake holders from January, 2018. Training Calendar is released well in advance.
- A revenue of **Rs. 35,45,750/-** have been collected towards testing and other licence fees.
- 581 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 2019-2020 [Category A – 78 Nos., Category B- 22, Category C- 477 and Ammonium Nitrate 04 Nos.].

(5) **Training Programmes conducted at NAPES & TS:-**

- 1) Three days “Advanced training program on electric Installations” for Controller of Explosives from 08.07.2019 to 10.07.2019. This program benefitted the participants in upgradation their skills.
- 2) Workshop for Fireworks shop licensees of Nagpur/ Amravati/Wardha /Bhandara /Gondia /Gadchiroli /Buldhana /Akola and Chandrapur Districts on “Safety during Storage Sale and Transportation of Fireworks during Festival Season” on 16/10/2019.
- 3) Workshop for District Collector / Police Authorities and Revenue Authorities Officials of Nagpur/ Amravati/ Wardha/ Bhandara/ Gondia/ Gadchiroli/ Buldhana/Akola and Chandrapur Districts on “Safety during Storage, Sale and Transportation of Fireworks during Festival Season” on 17/10/2019
- 4) One Day Workshop for “Fireworks Manufacturers” on 28/11/2019.
- 5) Two days training course from 17.02.2020 to 18.02.2020 for skill development of technical persons working at supervisory level in the Explosives Industries to upgrade their skills manufacture, storage, transport and handling of explosives.This program benefitted the existing and prospective competent persons working in the Explosives Industries.
- 6) One day Training course on 02.03.2020 for skill development of operators, Supervisors and Engineers working in LPG Bottling Plant to upgrade their skills in Safety during filling, storage and transportation of LPG. The program benefitted all the LPG bottlers of PSU and parallel marketers of Nagpur, Amravati and Chandrapur districts.
- 7) One day training course was conducted on “Introduction to Explosives, Roles and responsibilities of PESO” at NAPES&TS to Higher Munitions course -23 having participants of Major and Colonel rank on 23/09/2019 and as a part of above said course and was followed by a visit to a nearby Explosives Manufacture factory..
- 8) In house training imparted to the officers and staff of the O/o Dy. Chief Controller of explosives, NAPES & TS, Gondkhairy on “Central Secretariat Manual on Office Procedure” on 17/12/2019 as part of their skill development.
- 9) In house training imparted to the officers and staff of the O/o Dy. Chief Controller of explosives, NAPES & TS, Gondkhairy on “Management of Records” on 19/12/2019 as a part of their skill development.
- 10) In house training imparted to the officers and staff of the O/o Dy. Chief Controller of explosives, NAPES & TS, Gondkhairy on “Noting and Drafting” on 19/12/2019 as part of their skill development.

(6) (A) **DESTRUCTION OF EXPLOSIVES:-**

SAMPLE REMNANTS AT NAPES & TS.

Name	Class	Division	Total Quantity
Class-2 Explosives	2	-	1602.424 Kgs.
Gun Powder	1	-	-

Cast Booster	3	2	4.650 Kgs.
Safety Fuse	6	1	307 Meters
Detonating Fuse	6	2	-
OD,ED,DD, Nonel, SD	6	3	-
Fireworks	7	3	-

(B) DESTRUCTION OF EXPLOSIVES:-

Destruction of Unserviceable Explosives lying at licensees magazines

Name	Class	Division	Total Quantity
Class-2 Explosives	Class-2	-	-
Safety fuse	Class-6	1	-
Detonating Fuse	Class-6	2	-
Detonator	Class-6	3	-
Fireworks	Class-7	2	-

(7) PRODUCTION FIGURE OF EXPLOSIVES:-

Sr.No.	Class of Explosives	Quantity	Unit
1	Class-1	748.264	MT
2	Class-2	217102.558	MT
3	Class-3(Styphnic Acid)	4044.173	MT
4.	Class-3/2 (Excluding PETN)	1687.124	MT
5	Class-6/1	32415071	Meter
6	Class-6/2	163379825	Meter
7	Class-6/3	236368598	Nos.
8	Class-7	30812	Kgs.
9	PETN	3165.155	MT
10	Defence Product		
A	Bicat Strip	390498	Nos.
B	MMHG Fuze	1500	Nos.
C	MMHG Base pellet	1500	Nos.
D	Ignitor	10619	Nos.
E	Detonator	250860	Nos.
F	Electronic Fuse	101514	Nos.

FIREWORKS RESEARCH & DEVELOPMENT CENTER (FRDC) 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. Revenue:

The number of samples of fireworks tested during the year the last five years are as follows;

Sr.No.	Year	No. of Samples collected	Revenue Received (In rupees)
1.	2016-2017	1477	4, 00,050.00
2	2016-2017	185	47,750.00
3	2017-2018	101	19,750
4	2018-2019	148	37,000
5	2019-2020	842	244200

V. Research And Development Activities:

(1) Approval for Fireworks for Display during Thrissur Pooram May 2019

As per Hon'ble Supreme Court's Judgment order dated 11/04/2019 in Writ Petition (Civil) No. 728 of 2015. Fireworks Samples were tested at FRDC, PESO, Sivakasi and based on the test results, out of four types (total 08 numbers) only three types (total 06 numbers) were approved as per the specification and parameters issued to them. All the work was completed within the short time frame ordered by the Hon'ble Supreme Court.

(2) Other Activities :

- (a) Twenty Four numbers of accident/inspection samples received from Dy.CCE. Sivakasi were analyzed and report was submitted to them during the financial year of April - 2019 to January - 2020.
- (b) Thirteen fireworks samples (Kerala samples - 8 nos. and Green crackers approval samples - 5 nos. Testing Fees Rs. 26,000/-) were received for approval purpose at FRDC in the year of April 2019 to January 2020. All the samples completed and report sent to Dy.CCE. Sivakasi.
- (c) Qualitative test (Spot Test) for the chemicals used in fireworks manufacturing were revised and new standard operating procedure (SOP) were also prepared.

VI. Sound level Test:

- (1) The Noise level testing has been carried out for 292 numbers samples of firework items during FY 2019-20.
- (2) Routine Calibration of Sound level meter is done once in every 15 days.

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 organisation 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.

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.

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.

Future plans:

Development of modules for other licenses granted by District Authority such as for manufacturing of gunpowder / fireworks, license for sale of fireworks through shops, license

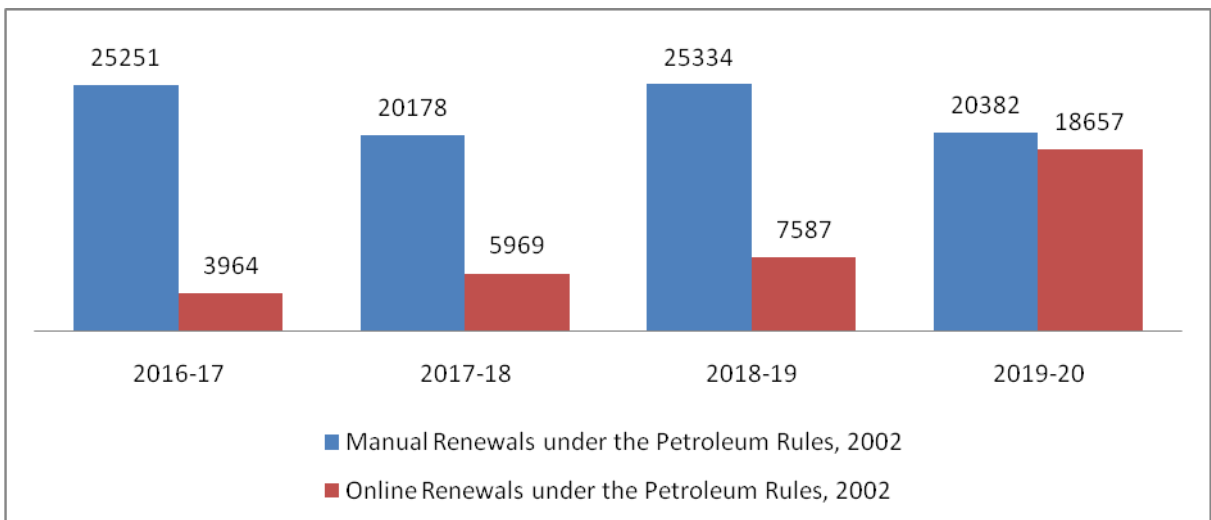
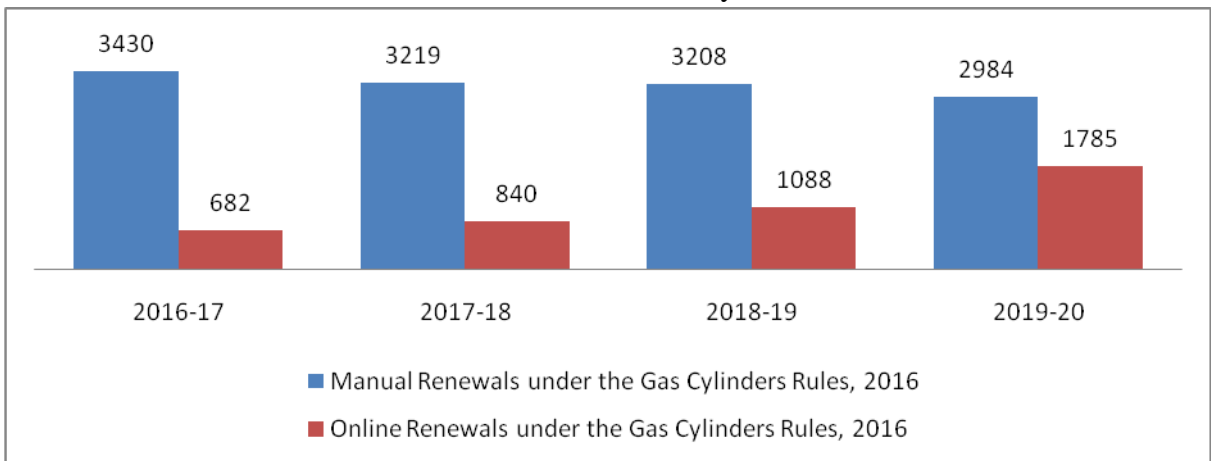
for storage of petroleum Class A or petroleum Class B in non bulk is in progress. PESO & NIC will launch those modules shortly.

4.) Renewal of license by licensee himself (Online Renewal facility):

The initiative taken by PESO for self online-renewal of the statutory licences by the stakeholders is perhaps first of its kind in any Government department and is a revolutionary step towards Ease of Doing Business. Petroleum and Gas Industry will be immensely benefitted by this self online-renewal of the statutory licences.

The self online-renewal of licences saves precious time, stationery/postage of the stake holders and PESO as well. This is totally paperless process and renewal of licence will be done instantly with the click of the mouse while sitting at home or in their office. The efforts currently made towards processing of dak, scrutiny by staff & officers, dispatch and processes in Bank will be saved.

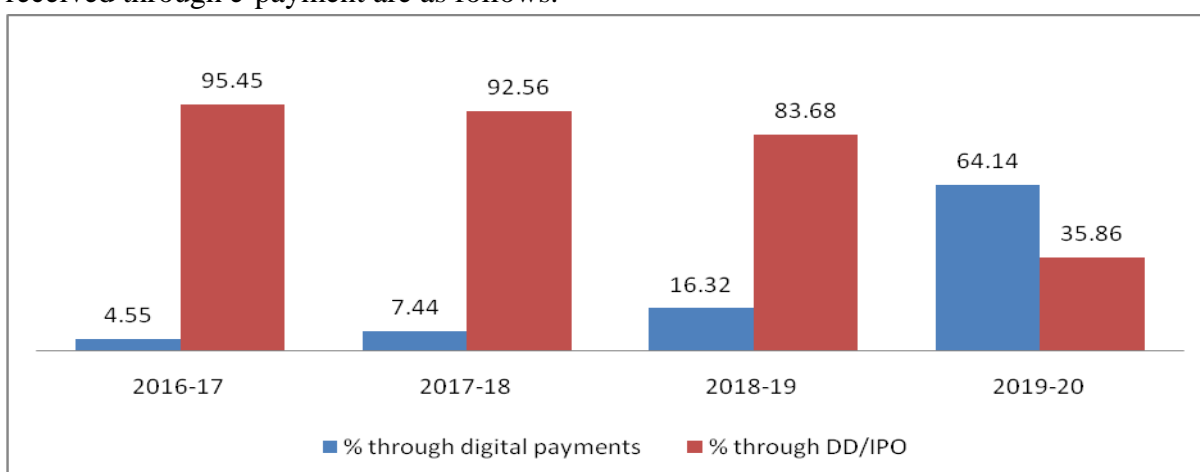
The online renewal is very popular and has received tremendous response from the stake holders. The details of online renewed license for last 5 years are as follows:



5.) 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. The details of fees received through e-payment are as follows:



6.) 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.

7.) 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 0701/2020; 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 out of 47 licensing modules of PESO, 26 are covered under paperless application and approval process. This covers more than 75% of the premises licensed by PESO.

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

8.) 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	Petroleum storage tank test certificates issued under Rule

	Rules, 2002	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 VIIIB
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 unauthorised 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, TRAINING PROGRAMMES OF
THE CHIEF CONTROLLER OF EXPLOSIVES**

MEETINGS

1. Attended the Inter-ministerial meeting chaired by Additional Secretary (Disarmament & International Security Affairs) on 04.04.2019 in the Ministry of External Affairs, South Block, New Delhi on the proposal for India-US workshop on improving supply chain security in export and sale of Commercial Grade Explosives (CGE)
2. Attended a meeting with Jt. Secretary, DPIIT on 03.05.2019 on matter related with functioning of PESO.
3. Attended a meeting on 13.05.2019 in the Ministry of Chemicals and Fertilizers, Department of Chemicals and Petrochemicals, New Delhi on introduction and Enforcement of Chemical Regulation.
4. Attended a meeting under the Chairmanship of Jt. Secretary, DPIIT on 28.05.2019 on issues raised by Fireworks Manufacturing Association and problem faced by Fireworks Industry.
5. Attended 2nd Licensing Committee Meeting (2019 series) on 24.06.2019 at DPIIT, New Delhi.
6. Attended a meeting under the Chairmanship of Special Secretary, Internal Security on 20.06.2019 on monitoring and control over explosives by using technology to prevent leakage and misuse of explosives.
7. Attended 9th half yearly meeting of TOLIC (1), Nagpur on 20.05.2019.
8. Attended a meeting on 05.07.2019 under the Chairmanship of Secretary, DPIIT, New Delhi on implementation of Hon'ble Supreme Court's Orders regarding green crackers.
9. Attended the 3rd Licensing Committee Meeting (2019 series) on 09.07.2019 at DPIIT, New Delhi.
10. Attended a meeting under the Chairmanship of Secretary (C&PC), Deptt. of Chemicals and Petrol Chemicals on 26.08.2019 on presentation of Draft Chemical (Safety) Rules on 26.08.2019.
11. Attended a meeting under the Chairmanship of Jt. Secretary, DPIIT on 25.09.2019 on reviewing the pending matter concerning to PESO.

12. Attended the 3rd Licensing Committee Meeting (2019 series) on 07.10.2019 at DPIIT, New Delhi.
13. Attended a meeting and made presentation on PESO's current online application process system for issuance of various licenses before the Joint Secretary, DPIIT on 05.11.2019.
14. Attended the 24th meeting of CHD-26- Explosives and Pyrotechnics Sectional Committee as a Principal Member of the Committee on 06.12.2019 in the O/o. Dy. Chief Controller of Explosives, Hyderabad.
15. Attended a meeting under the Chairmanship of Jt. Secretary, DPIIT on 11.12.2019 on ISO Containers.
16. Attended a meeting under the Chairmanship of Jt. Secretary, DPIIT on 13.12.2019.
17. Attended the 4th Licensing Committee Meeting (2019 series) on 17.12.2019 at DPIIT, New Delhi.
18. Attended a meeting with stakeholders of PESO on 18.12.2019 under the Chairmanship of Hon'ble MoS (C&I) at DPIIT.
19. Attended a meeting under the Chairmanship of Jt. Secretary, DPIIT alongwith stakeholders of PESO on 16.01.2020 at DPIIT.
20. Attended a meeting under the Chairmanship of Jt. Secretary, DPIIT on 25.02.2020 regarding phasing out of instantaneous detonators.
21. Attended a meeting under the Chairmanship of Jt. Secretary, DPIIT on 26.02.2020 regarding repealing or simplifying the redundant and cumbersome provisions of the Explosives Act and Rules.
22. Attended a meeting at BIS Headquarter as the Chairman of MED-16 Sectional Committee from 02.03.2020 to 04.03.2020.

VISITS

1. Visited and inspected the new office premises of O/o. Dy. Chief Controller of Explosives, Prayagraj, Uttar Pradesh on 12.04.2020, also interacted with officers of various Oil Companies.
2. Visited and inspected the O/o. Jt. Chief Controller of Explosives, Mumbai on 26.06.2019.
3. Visited and inspected the O/o. Dy. Chief Controller of Explosives, Hyderabad on 10.09.2019.
4. Visited the Raja Ramanna Centre for Advanced Technology, Indore regarding testing of Barcode reader for implementation of Phase II of SETT on 11.02.2020.

SEMINAR, LECTURE & WORKSHOP

1. Attended a workshop organized by AIIGMA on 25.07.2019 on “Safety while storage and handling of cylinders” and issues with respect to import of cylinders.
2. Attended a Safety Seminar organized by Gas Industries Association, Hyderabad on 11.09.2019 on “Oxygen Safety”.
3. Attended the Rajbhasha Prize Ceremony of TOLIC (1), Nagpur on 27.02.2020 at Powergrid Corpn, Ltd, Nagpur

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

1. Shri R.A.Gujar, Dy. Chief Controller of Explosives, Nagpur attended inter ministerial meeting chaired by sp. secretary MEA on “India US Workshop on improving supply chain security in export and sale of commercial grade Explosives” held on 04.04.2019 at Ministry of External Affairs, South Block, New Delhi.
2. Shri R.A.Gujar, Dy. Chief Controller of Explosives, Nagpur attended CHD-26 Committee (Explosives and Pyrotechnic Sectional Committee) Meeting chaired by Shri M.K. Jhala, Jt.CCE(HOD) on 06.12.2019 at Hyderabad.
3. Shri R.A.Gujar, Dy. Chief Controller of Explosives, Nagpur attended meeting at DPIIT, Udhog Bhawan, New Delhi with stakeholders of PESO held on 18.12.2019 under the chairmanship of Shri Som Prakash, Honable Minister of State, Ministry of Commerce and Industry.
4. Shri R.A.Gujar, Dy. Chief Controller of Explosives, Nagpur attended meeting at DPIIT Udhog Bhawan, New Delhi with stakeholders of PESO held on 16.01.2020 under the chairmanship of Shri Anil Agrawal, JS, DPIIT and also meetings on various issues.
5. Shri R.A.Gujar, Dy. Chief Controller of Explosives, Nagpur attended meeting at DPIIT Udhog Bhawan, New Delhi with Detonator Manufacturers held on 25.02.2020 under the chairmanship of JS, DPIIT on Phasing out of Instantaneous Detonators.
6. Shri R.A.Gujar, Dy. Chief Controller of Explosives, Nagpur attended meeting at DPIIT Udhog Bhawan, New Delhi held on 26.02.2020 under the chairmanship of JS, DPIIT on repealing or simplifying the redundant and cumbersome provisions of the Explosives Act and Rules.

7. Shri R.A.Gujar, Dy. Chief Controller of Explosives, Nagpur attended meeting at DPIIT Udhog Bhawan, New Delhi held on 29.02.2020 under the chairmanship of Secretary, DPIIT on Industrial Licence cases.
8. Shri V. K. Mishra, Dy. Chief Controller of Explosives, Nagpur attended meeting with Joint Secretary, DPIIT on 03/05/2019 and gave power point presentation on LPG cylinders multiple units.
9. Shri V. K. Mishra, Dy. Chief Controller of Explosives, Nagpur attended meeting with Joint Secretary, DPIIT on 13/05/2019 and gave power point presentation on ISO containers.
10. Shri V. K. Mishra, Dy. Chief Controller of Explosives, Nagpur attended workshop and delivered lecture at National Accreditation Board for certification at New-Delhi on 12/06/2019.
11. Shri V. K. Mishra, Dy. Chief Controller of Explosives, Nagpur visited Singrauli, MP to witness LNG trial for automotive use with heavy industry vehicle.
12. Shri V. K. Mishra, Dy. Chief Controller of Explosives, Nagpur delivered lecture at Mumbai in seminar organized by AIIGMA on 25/07/2019.
13. Shri V. K. Mishra, Dy. Chief Controller of Explosives, Nagpur attended meeting on formulation of standard and implementation of standards chaired by Hon'ble Minister of Consumer Affairs, Food & Public Distribution on 12/09/2019.
14. Shri V. K. Mishra, Dy. Chief Controller of Explosives, Nagpur attended review meeting chaired by Secretary, Chemicals and Petrochemicals on Petroleum ISO Containers on 30/09/2019.
15. Shri V. K. Mishra, Dy. Chief Controller of Explosives, Nagpur attended general body meeting at LERC Bangalore on Cylinder manufacturing on 19/11/2019.
16. Shri V. K. Mishra, Dy. Chief Controller of Explosives, Nagpur attended BIS sectional Committee MED-16 with HOD meeting at Kolkata on IS-6044 on 09/01/2020
17. Shri V. K. Mishra, Dy. Chief Controller of Explosives, Nagpur attended BIS sectional Committee MED – 16 on 03/03/2020 to 05/03/2020.
18. Sri P.Seeniraj Dy. Chief Controller of Explosives, Nagpur visited Vellore office on 06.03.2020 for inspection on implementation of official language.
19. Shri A.B. Tamgadge, Controller of Explosives attended TE-26 Committee Meeting at ARAI, Pune on 12.12.2019 for harmonizing European Standards with BIS Standards.

20. Shri A.B. Tamgadge, Controller of Explosives attended one day training programme on 12.02.2020 on e-office and CPGRAMS” at New Delhi conducted by DARPG, New Delhi.
21. Shri A.B. Tamgadge, Controller of Explosives visited M/s. Engineers Controls International LLC, North Carolina USA during 24.02.2020 to 02.03.2020 to assess the capability of firm to manufacture valves for gas cylinders for imports.
22. Shri A.B. Tamgadge, Controller of Explosives visited Raja Ramana Centre for Advance Technology, Indore on 10.02.2020 in connection with Testing of Barcode Reader.
23. Shri S D Mishra, Controller of Explosives, Nagpur delivered lecture on 07.02.2020 at Seminar organized by AIIGMA at Nagpur on the subject “Use of new Technology in Tracking and handling of Cylinders”
24. Shri J. Rout, Dy.Controller of Explosives, Nagpur delivered lecture on 18.06.2019 at NDRF Academy, Nagpur on the subject “Types of Explosives: Military and Commerical & its effects”.
25. Shri Ninad Gawade, Dy.Controller of Explosives, Nagpur delivered lecture on Project SETT & HS Provisions to the officials of Western Coalfields Ltd, Nagpur on 23.09.2019
26. Dr. V. S. Chirde, Hindi Officer, Nagpur attended 9th half yearly meeting of TOLIC (1), Nagpur on 20.05.2019 with Shri M.K. Jhala, Jt.C.C.E (HOD).
27. Dr. V.S. Chirde, Hindi Officer, Nagpur attended All India Official Language Conference on 09.08.2019 organized by Powergrid Corpn, Ltd, Nagpur
28. Dr.V. S. Chirde, Hindi Officer, Nagpur inaugurated Hindi Pakhwada programme in the office of Income Tax Appellate Tribunal, Nagpur Bench on 16.09.2019 and conducted workshop on Rajbhasha hindi.
29. Dr.V.S.Chirde, Hindi Officer, Nagpur attended as invigilator at the inter office Hindi competition organized by Powergrid Corpn, Ltd, Nagpur on 25.09.2019 under the aegis of TOLIC, Nagpur (1).
30. Dr.V.S.Chirde, Hindi Officer, Nagpur attended the meeting of Prize Evaluation Committee of TOLIC, Nagpur on 27.12.2019 and evaluated the reports of Central Govt., PSU’s, etc situated in Nagpur for the year 2018-2019. Also attended all the meetings of Evaluation Committee of yearly magazine Rajbhasha Darpan, published by TOLIC (1).
31. Dr.V.S.Chirde, Hindi Officer, Nagpur attended the Rajbhasha Prize Ceremony of TOLIC, Nagpur on 27.02.2020 with Shri M.K. Jhala, Jt.C.C.E (HOD) and Shri A.K. Dalela. CE.

SOUTH CIRCLE, CHENNAI

MEETINGS:

1. Dr A. Sheik Hussain, Deputy Controller of Explosives, Chennai participated in programme arranged by Tamil Nadu Police academy in the event of Anti Sabotage Check as judge on 23.09.2019 and 24.09.2019.
2. Shri Vijay Kumar, Deputy Controller of Explosives, Chennai participated in programme arranged by Tamil Nadu Police academy in the event of Anti Sabotage Check as judge on 23.09.2019 to 26.09.2019.
3. Dr. Sanjna Sharma, Dy. Chief Controller of Explosives (HOD), South Circle, Chennai & Shri Manmeet Singh Manhas, Deputy Controller of Explosives and Smt. E. B. Rebekah, JHT attended Annual Programme meeting conducted by TOLIC on 23.10.2019 at National Institute of Oceanography, Velachery, Chennai.
4. Meeting of O/o Dy.CCE, PESO, Mangalore and Retail – Sales & Engineering Officials of OMCs in the State of Karnataka was held on 07th August, 2019 at the Conference Hall of IOCL Divisional Office, Mangalore.
5. Shri M.W. Dudhe, Dy. Controller of Explosives, Hyderabad attended meetings and gave lecture on Safe Storage and Handling of Fireworks at Temporary Fireworks Shops as per Explosives Rules, 2008 conducted by DCP, Shamshabad and DCP, Miyapur on 22.10.2019 & 23.10.2019 with Police Officers, Fire Department, Temporary Fireworks Shop's Dealers.
6. Shri Nitin Shivaji Shete, Dy. Controller of Explosives, Hyderabad attended meetings and gave lecture on Safety of Fireworks Shops as per Explosives Rules, 2008 organized by DCP, South Zone, Hyderabad and Jt. Commissioner of Police, HFAC, Central Zone, Hyderabad on 20.10.2019 & 24.11.2019.
7. Shri K.Sundaresan, Dy.CCE, Sivakasi attended Meeting at DPIIT, Ministry of Commerce & Industry, New Delhi on 28.05.2019 convened by the Joint Secretary, DPIIT.this meeting relates to “problems being faced by Fireworks Industry”.
8. Shri S.M.Kulkarni, Dy.Chief Controller of Explosives, Hyderabad attended a meeting on 26/08/2019 with Sri N.Prakash Reddy, DCP, Shamshabad, Cyberabad in the O/o.Dy.Chief Controller of Explosives, Hyderabad regarding seizure of Ammonium Nitrate at Shamshabad showing consignment as Sodium Nitrate.

9. Shri S.M.Kulkarni, Dy.Chief Controller of Explosives attended a meeting as Chief Guest on 30/09/2019 in the O/o.Additional Director, Central Hindi Training Sub-Institute, Department of Official Language, Ministry of Home Affairs, Room No.403, CGO Towers, Kavadiguda, Secunderabad to promote and propagate Hindi language in official work on 30/09/2019.
10. Shri S.M. Kulkarni, Dy. Chief Controller of Explosives conducted Awareness Programme Meeting to all fireworks dealers in the State of Telangana on 11.10.2019 at C.G.O Towers, Kavadiguda, Secunderabad. Around 60 Fireworks Dealers attended the meeting.
11. The 24th meeting of CHD 26, Explosives & Pyrotechnics Sectional Committee was held on 6/12/2019 in the Conference Hall, 5th Floor, C.G.O.Towers, Kavadiguda, Secunderabad chaired by Sri M.K.Jhala, Jt.Chief Controller of Explosives, Nagpur (HOD) along with Sri R.A.Gujar, Dy.Chief Controller of Explosives, Nagpur.
12. A meeting was held with the Detonator manufacturer at Hyderabad which was chaired by Shri M.K.Jhala, Jt.Chief Controller of Explosives (HOD), Nagpur along with Shri R.A.Gujar, Dy.Chief Controller of Explosives, Nagpur.
13. A meeting was held in Hyderabad office at 11.00 hrs on 2.03.2020 with the officials of M/s.GOCL Corporation Limited to discuss improvement in machinery and equipment, SOPs in view of accident that occurred on 26/02/2020 in Detonator Filling & Pressing Building No.46-C covered under licence No.E/HQ/TG/20/76 (E13741).
14. Shri.K.Sundaresan, Dy.CCE attended Meeting at DPIIT, Ministry of Commerce & Industry, New Delhi on 28.05.2019 convened by the Joint Secretary, DPIIT relating to “problems being faced by Fireworks Industry”.
15. The Government of Kerala constituted a technical committee for assisting the Maradu Municipality for demolition of the unauthorized structures to implement the Honourable Supreme Court order no. SLP(C) Nos. 4238-4241/2016 & 4231-4234/2016 dated 23.09.2019.

The Deputy Chief Controller of Explosives, Ernakulam has been appointed in the technical committee by the Kerala State Government and the officers of this office has attended various meetings on demolition of the said flats on 18.10.2019, 04.11.2019, 05.11.2019, 03.12.2019, 04.12.2019, 13.12.2019 and from 03.01.2020 till the completion of demolition of flats i.e. on 11.01.2020 & 12.01.2020.

16. The Chief Secretary, Government of Kerala convened a meeting on 11th November 2019 and Dr. R. Venugopal Dy.CCE, Dr. P.K. Rana CE and Shri. S. Saravanan Dy.CE attended the meeting.
17. Dr. R Venugopool, Dy.CCE convened a meeting at Kollam regarding Safe Storage and Sale of Fireworks on 16/10/2019. ADM's of Thiruvananthapuram, Kollam, Kottayam and Alleppey participated in the meeting.
18. Dr.P.K.Rana CE attended 69th Meeting of the Kochi Official Language Implementation Committee (KOLIC) held at IT Department on 29/10/2019.
19. Dr. R Venugopool, Dy.CCE conducted a meeting at Thrissur on Safe Storage and Sale of Fireworks on 14/11/2019. ADM's of Kasaragod, Kannur, Kozhikode, Wayanad, Malappuram, Palakkad and Thrissur Districts participated in the meeting.
20. Dr.P.K.Rana, CE attended meeting at KSPCB, Trivandrum on issues of Stone quarry Mining referred by National Green Tribunal (NGT) on 20/11/2019.
21. Dr.R Venugopal, Dy.CCE convened a meeting with the officers of all Oil Companies in the State of Kerala on 25/06/2019 to discuss the matters related to safety in petroleum retail outlets. 32 Regional / Divisional / Territory Mangers & Mangers (Engg.) of all oil companies participated in the meeting.
22. Shri B. Ravi Kumar, Dy.Controller of Explosives, Visakhapatnam attended meeting with Assistant Solicitor General of India, Andhra Pradesh jurisdiction regarding Court cases pending in the Hon'ble High Court at Amaravathi, A.P on 29.04.2019.
23. Dr. R Venugopool, Dy.CCE delivered a lecture on Gas Cylinders Safety on 27/07/2019 in the meeting convened by the All Kerala Bharat Gas Distributors Association at Grand Hotel, M.G. Road, Ernakulam. 112 Distributors of Bharat Gas participated in the technical session.
24. Dr. R Venugopool, Dy.CCE attended meeting at Thrissur Collectorate on 04/05/2019 in connection with Thrissur Pooram convened by Agriculture Minister, Govt. of Kerala and attended by the District Magistrate, Thrissur, Commissioner of Police, Thrissur and Thrissur Pooram festival committees.
25. Shri J. Sarkar, Dy.CCE along with Shri M.G. Titre, C.E. attended meeting on action plan under comprehensive clear air programme for non-attainment cities by Andhra Pradesh Pollution Control Board at Head office A.P., Pollution Control Board, Vijayawada on 26.11.2019.

26. Smt. Vijaya S. Bardeo, Dy. Controller of Explosives along with Shri Manoj K. Srivastava, Assistant attended TOLIC meeting at East Coast Railways, Waltair Division, Visakhapatnam on 22.10.2020.
27. Shri B. Ravi Kumar, Dy. Controller of Explosives attended Unit Approval Committee (UAC) Meeting on 20.11.2019 organized by Development Commissioner, Andhra Pradesh Special Economic Zone (SPSEZ), Visakhapatnam.

SEMINARS/WORKSHOPS/TRAINING PROGRAMMES

1. Dr Sanjana Sharma, Dy Chief Controller of Explosives (HOD) South Circle Chennai delivered lecture on Ammonium Nitrate Rules 2012 in a seminar organized by CAPAXIL, Chennai on 09.08.2019.
2. Shri Bhupender Singh, Deputy Controller of Explosives, Chennai and Smt. E. B. Rebekah, JHT attended one day workshop on 07.06.2019 conducted by TOLIC and Bank of Baroda on Rajbhasha programme.
3. Dr Sanjana Sharma, Dy Chief Controller of Explosives (HOD) South Circle Chennai delivered lecture to the safety officers of M/s Indian Oil Corporation regarding safety in Aviation Fuel station and LPG Bottling plant on 14.08.2019.
4. Dr.D.C.Pandey, Controller of Explosives delivered lecture to trainee firemen at State Training Centre, Tamil Nadu Fire and Rescue Services on Petroleum and Explosives Fire and Explosions 30.08.2019.
5. Dr. Sanjana Sharma, Dy. Chief Controller of Explosives (HOO), South Circle, Chennai gave Presentation on Static Mobile Pressure Vessels (U) Rules, 2016 and addressed the participants about the Rules and Acts administered by Petroleum and Explosives Safety Organisation and the recent initiatives taken by the organization for online application and fee transaction (Electronically) at ISRO Propulsion Complex, Mahendragiri, Tirunelveli (TN) on 24.12.2019
6. Dr A. Sheik Hussain, Deputy Controller of Explosives delivered lecture for newly recruited District Officer for Tamil Nadu Fire and Rescue Service Department at Tambaram on 04.11.2019 on the topic of reactive explosive material.
7. Shri Ahin Nandi, Deputy Controller of Explosives, Chennai delivered a lecture to officers O/o Directorate of Industry on SMPV (U) Rules 2016 at Guindy, Chennai on 15.11.2019.

8. Shri Ahin Nandi, Deputy Controller of Explosives, Chennai delivered lecture to District Authorities regarding Manufacturing of fireworks under Explosives Rules, 2008 on 01.02.2020 at Puducherry.
9. Dr A. Sheik Hussain, Deputy Controller of Explosives attended a seminar on utilizing technology to improve cylinder safety organized by AIIGMA in collaboration with PESO, Nagpur in the month of February 2020.
10. Dy.CCE Mangalore attended the Sensitization Programme, Single Window Project held at Custom House, Kochi on 20th May 2019.
11. Dr. G.K. Pandey, Controller of Explosives, Hyderabad has attended a Training Programme at National Training Institute, Gondkhairy, Nagpur from 8/7/2019 to 10/7/2019 on “Advance Training on Flame Proof Installation”.
12. Sri S. M. Kulkarni, Dy.Chief Controller of Explosives attended a seminar on “Oxygen Safety” organized by M/s. Asia Industrial Gases Association on 17/09/2019.
13. Shri S.M. Kulkarni, Dy. Chief Controller of Explosives along with Sri Nitin Shivaji Shete, Dy.Controller of Explosives delivered presentation on Provisions of Explosives Rules and SETT at Department of Mining Engineering of Malla Reddy Engineering College, Hyderabad on 21/11/2019.
14. The office of Dy.CCE, Mangalore conducted “Safety Workshop on LPG Cylinders Storage, Handling and Use under Gas Cylinder Rules, 2016” on 11th May, 2019, in association with Karnataka LPG Bottlers Association (KLBA) at “Hotel - Zone by The Park”, Bangalore. Dr. SM. Mannan, DyCCE, Mangalore delivered the Key Note Address and Key Note Lecture on “LPG Cylinder Storage Shed -Licensing procedure under Gas Cylinders Rules, 2016 & Principles of Safety”
15. Dr. S.M. Mannan, Dy.CCE delivered lecture on Export/Import of Explosives and SETT in Commercial Grade Explosives (CGE) Workshop conducted by Ministry of External Affairs and American Embassy at Nagpur on 19th August 2019
16. Shri M.W. Dudhe, Dy. Controller of Explosives along with Sri A.N.K.V.V.Prasad, Assistant attended workshop on 14/11/2019 at the O/o.PAO, Nagpur regarding issues related to PFMS, Pension, NPS, other bills and Bharat KoShri
17. Shri Anil Agarwal IPS, Jt.Secretary, DPIIT along with Sri S.M.Kulkarni, Dy.Chief Controller of Explosives, Hyderabad and Dr.G.K.Pandey, Controller of Explosives, Hyderabad visited M/s.Gulf Oil Corporation Limited, Kukatpally on 8/5/2019.

18. Shri.K.Sundaresan, Dy.CCE delivered lecture to the fireworks transporters, fireworks shop owners, workers from amerces manufacturing factories, workers from colour match factories during the month of Oct, 2019.
19. Shri Karunamay Pandey,CE delivered lecture on “General safety and Practical approach in handling of Fireworks” at TANFAMA Hall on 26.09.2019
20. Shri Nitin Goyal, DCE delivered lecture on ‘Explosives associated hazards” on 30/8/2019 to the firemans at National College of Engineering, Tirunelveli.
21. Shri Nitin Goyal, DCE delivered lecture on “Safety in possession, handling, use and Sale of Fireworks” at TANFAMA Hall on 26.09.2019.
22. Shri Amit Goyal, Dy.CCE delivered lecture on “Overview of Explosives and Fireworks” at 133rd Fireman Training Programme, Temporary Training Centre, National College of Engineering, maruthakulam, Tirunelveli on 30.08.2019.
23. Shri Amit Goyal, Dy.CCE delivered lecture on “Safety Awareness Camp for Fireworks Magazine managers and Staff” at PESO, Sivakasi conference room on 25.09.2019.
24. Shri Amit Goyal, Dy.CCE delivered lecture on “Safety Awareness Camp for Fireworks Storehouse owners” at TANFAMA Hall, Sivakasi on 26.09.2019.
25. Shri Amit Goyal, Dy.CCE delivered lecture on “Workshop on Mechanisation in Fireworks Manufacturing” at PESO, Sivakasi conference room on 13.12.2019.
26. Dr D. L Kamble, CE attended advanced training programme on electric installation held on 08.07.2019 to 10.07.2019 at CCE office Nagpur.
27. Dr D. L Kamble, CE attended District level awareness programme on firework at District Collectorate office on 12.10.2019.
28. Dr D. L Kamble, CE attended training programme on PFMS held on 14.11.2019 at PAO office Nagpur.
29. Dr D. L Kamble, CE delivered lecture on safety of Petroleum Retail outlets conducted by Dist BPCL Dealers Associations at Vellore on 22.11.2019 at Vellore
30. Dr D. L Kamble, CE attended two days work shop on official language held on 25.02.2020and 26.02.2020 conducted by TOLIC Vellore at BSNL office Vellore.
31. Shri M.G. Titre, Controller of Explosives attended three days training on “Electrical Installation in Hazardous area” organized by the Chief Controller of Explosives, Nagpur at Nagpur w.e.f. 08.07.2019 to 10.07.2019.
32. Dr.Karunamay.Pandey, CE attended advanced training programme on Electric Installation at NAPES, Nagpur from 08.07.2019 to 10.07.2019.

33. Dr. G.K. Pandey, Controller of Explosives, Hyderabad attended a Training Programme at National Training Institute, Gondkhairy, Nagpur from 8/7/2019 to 10/7/2019 on “Advance Training on Flame Proof Installation”.
34. Shri S.M.Kulkarni, Dy.Chief Controller of Explosives, Hyderabad attended a seminar on “Oxygen Safety” organized by M/s. Asia Industrial Gases Association on 17/09/2019.
35. Dr.R Venugopal, Dy.CCE, Ernakulam coordinated the safety of Thrissur Pooram fireworks display on 11/05/2019, 13/05/2019 and 14/05/2019 as requested by the District Magistrate, Thrissur and Commissioner of Police, Thrissur.
36. Dr. R Venugopal, Dy.CCE, Ernakulam conducted training on "Safe Management of Fireworks display” at Thiruvambady Devaswom Auditorium on 9/5/2019. Dr.R. Venugopal and Shri S Kandasamy, DCE delivered lectures on topics safety in Fireworks display, authorised fireworks, Emergency Planning and Conducted mock drills with the support of district Authorities. 117 volunteers/ fireworks manufacturers/ officials from District Administration participated in the training programme.
37. Shri S. Kandasamy, DCE, Ernakulam delivered lecture to the Officers of Fire & Rescue on 24/05/2019 at IMG, Kakkanad regarding Explosives Rules, 2008.
38. Dr. R.Venugopool, Dy.CCE, Ernakulam inaugurated and delivered a lecture in the two day Seminar on 'Safe storage, handling and sale of fireworks' on 29th & 30th June 2019 at Vagamon, Kottayam District organised by Kerala Fireworks Dealers Association.
39. Dr. R Venugopool, Dy.CCE, Ernakulam delivered lectures on Explosives Act and Rules on 19th & 26th July, 2019 to Police Officers in BPR & D Course at Kerala Police Academy, Thrissur. 45 to 52 Police officers participated.
40. In the month of August, 2019 unprecedented rainfall and devastating floods had swept the entire State of Kerala. Ernakulam office has rendered all assistance to the District Administrations, Oil Companies and the people in the calamity. Specific Safety Alerts with respect to safety in Petroleum Retail Outlets, LPG Dispensing Stations and CNG Stations has been issued by this office well in advance to all Oil Companies especially Indian Oil Corporations Ltd., Bharat Petroleum Corporations Ltd, Hindustan Petroleum Corporations Ltd, Essar, Reliance, Total and SHV. Head of Office of PESO, Ernakulam rendered all technical support and the officers and staff worked in various relief camps and assisted the District Administrations in ensuring the safety as per 122 year old legacy of this great Organisation.

41. Dr.P.K.Rana, CE, Ernakulam delivered lecture on Role and Functions of PESO in Safety of Hazardous Chemicals at National Safety council, Kerala Chapter, Ernakulam on 29/8/2019
42. Dr.R.Venugopal, Dy.CCE, Ernakulam wrote a script for a video on Safety in Petroleum Retail Outlets – focusing not to use Mobile phones during filling and unloading operations. This video produced by HPCL with the technical support of PESO, Kochi was a big hit in social media platforms.
43. Dr.P.K.Rana, CE, Ernakulam attended one day workshop on Bharat Kosh at Nagpur on 14/11/2019.
44. Shri C.J.Joseph, Assistant and Shri M.P.Sugathan, LDC attended one day workshop on Bharatkosh Payment on 14/11/2019 at Nagpur as per CCE Order.
45. PESO, Kochi collaborated with Indian Institute of Chemical Engineers (IChE) Kochi Regional Centre & BPCL Kochi for the conduct of the 2nd Inter Industry Health, Safety and Environment (HSE) Quiz (QUIZ TIME 2019). The subject quiz programme for the Engineers/Managers of hazardous industries was held in 3 regional centers and the final was conducted at Ernakulam. The Quiz questions on Health, Safety and Environment for the Zonal Round at Kozhikode was prepared by Shri.S.Saravanan, DCE and the Zonal Round at Thiruvananthapuram was prepared by Dr.P.K.Rana, CE. The Quiz master for the Final of the quiz competition on 7th December 2019 at Ernakulam was DR.R.Venugopal, Deputy Chief Controller of Explosives, Ernakulam.
46. Dr. R Venugopal, Dy.CCE, Ernakulam delivered a Plenary lecture on the topic” Safe handling of hydrocarbons” at the National Conference on Safety and Fire Engineering (SAFE'19) on 12th December 2019 at the School of Engineering, Cochin University of Science & Technology (CUSAT). 128 teachers, engineers and students participated.
47. Dr.P.K.Rana, CE, Ernakulam attended 4th State Conference of Fireworks Dealers Association and addressed on “Fireworks Safety in Storage and Handling” to the gathering of 200 dealers on 01/12/2019.
48. Dr.R.Venugopal, Dy.CCE, Ernakulam inaugurated the Air products Conclave on “Air Separation” on 16th January, 2020 organised by Air products Kochi Industrial Gas complex and IChE, Kochi Regional Centre. This conclave was intended to provide perspective insights and knowledge required for effective and efficient management of air separation plants for operative staff, employees, engineers, managers in chemical industry. 123 delegates participated in the conclave.

49. Dr. R Venugopal, Dy.CCE, Ernakulam delivered talk on Controlled Demolition using Explosives in High Rise Building. At Seminar Hall, Priyadarshini Planetarium, KSSTM, PMG, Trivandrum on 24/01/2020. 103 scientists participated Space Engineering Association (SEA), Aeronautical Society of India (AESI) and Kerala State Science and Technology Museum (KSSTM).
50. Dr. R Venugopal, Dy.CCE delivered key note address at the GAIL (India) Limited 2nd Southern Region HSE MEET on 03/02/2020 at Grand Ball Room, Hotel Holiday Inn, Kochi. 52 safety professionals of GAIL from all over Southern states attended the HSE MEET.
51. Dr. R Venugopal, Dy.CCE, Ernakulam attended the National Safety Day Celebration of VSSC, Trivandrum on 04/03/2020. Delivered key note address on topic “Safety Leadership during Turbulent Times. 238 Scientists of VSSC participated in the programme.
52. Dr. R Venugopal, Dy.CCE, Ernakulam attended 4th International conference on Materials Mechanics and Management (IMMM) 2020 on 05/03/2020. Delivered key note address in the inaugural function of the conference on topic “Beyond demolition abiding by the Law” organized by College of Engineering, Trivandrum. 118 delegates from various Engineering Colleges in the country participated.
53. Dr. R Venugopal, Dy.CCE, Ernakulam delivered a lecture to Civil and Architecture Teachers and Students of College of Engineering, Trivandrum on topic “Safe use of explosives abiding by law” on 05/03/2020. 140 students participated.
54. Dr. R Venugopal, Dy.CCE, Ernakulam delivered key note address in the HESTIA’20, National Level Technology Managerial Cultural Symposium on topic “Safety Leadership in Turbulent Times” on 08/03/2020 at T.K.M College of Engineering, Kollam. 220 students and teachers attended.
55. Dr.P.K.Rana, CE, Ernakulam delivered lecture on Safety in LPG storage installations at HPCL LPG plant Irimpanam, Kochi on 4/3/2020.
56. Dr.Karunamay.Pandey, CE, Sivakasi attended advanced training programme on Electric Installation at NAPES, Nagpur from 08.07.2019 to 10.07.2019.
57. Shri K. Sundaresan, Dy.CCE, Sivakasi delivered lecture to the fireworks transporters, fireworks shop owners, workers from amerces manufacturing factories, workers from colour match factories during the month of Oct, 2019.
58. Shri Karunamay Pandey,CE, Sivakasi delivered lecture on “ General safety and Practical approach in handling of Fireworks” at TANFAMA Hall on 26.09.2019

59. Shri Nitin Goyal, DCE, Sivakasi delivered lecture on ‘Explosives associated hazards’ on 30/8/2019 to the fireman’s at National College of Engineering, Tirunelveli.
60. Shri Nitin Goyal, DCE, Sivakasi delivered lecture on “Safety in possession, handling, use and Sale of Fireworks” at TANFAMA Hall on 26.09.2019.
61. Shri Amit Goyal, DCE, FRDC, Sivakasi delivered lecture on “Overview of Explosives and Fireworks” at 133rd Fireman Training Programme, Temporary Training Centre, National College of Engineering, Maruthakulam, Tirunelveli on 30.08.2019.
62. Shri Amit Goyal, DCE FRDC, Sivakasi delivered lecture on “Safety Awareness Camp for Fireworks Magazine managers and Staff” at PESO, Sivakasi conference room on 25.09.2019.
63. Shri Amit Goyal, DCE, FRDC, Sivakasi delivered lecture on “Safety Awareness Camp for Fireworks Storehouse owners” at TANFAMA Hall, Sivakasi on 26.09.2019.
64. Shri Amit Goyal, DCE, FRDC, Sivakasi delivered lecture on “Workshop on Mechanisation in Fireworks Manufacturing” at PESO, Sivakasi conference room on 13.12.2019.

SEMINAR/WORKSHOP/LECTURES/TRAINING:

1. Shri Krishan Kant Kumar, LDC attended “Administrative Terminology Competition” organised by TOLIC Mangalore on 20.06.2019 in connection with Hindi Month Celebration 2019 at Bank of Baroda, Mangalore
2. Shri Neeraj, Steno III attended “Memory Competition” Organised by TOLIC Mangalore on 30.07.2019 at Corporation Bank Headquarters, Mangalore.
3. Shri A.K. Srivastava, CE & Sri Prashant Yadav, Dy.CE attended the 67th half-yearly Meeting of Town Official Language Implementation Committee on 19th November, 2019 at the Corporation Bank Headquarters at Mangalore.
4. Shri Neeraj, Steno II attended Hindi Work Shop conducted by Town Official Language Implementation Committee on 09.12.2019 at the Corporation Bank Headquarters, Mangalore.

WEST CIRCLE, MUMBAI

MEETINGS

1. Shri P. Kumar, Jt.Chief Controller of Explosives, Navi Mumbai and Shri U.S. Bhange, Dy.CE /Rajbhasha Adhikari attended the half yearly TOLIC meeting on 31/07/2020.
2. Shri V.B Borgaonkar, Dy.CCE and Shri Kuwarpal Singh, Dy.CE, Vadodara attended the TOLIC meeting on 11/07/2019.
3. Shri V.B Borgaonkar, Dy.CCE and Shri Kuwarpal Singh, Dy.CE, Vadodara attended the TOLIC meeting on 11/12/2019 and presented the annual official language activities of the subcircle office which was praised by the committee.
4. Shri Amol Sonbarse, Dy. Controller of Explosives, along with Shri Ashwin L. Patil, JTA and Shri P.S. Ingle, STA NAPES, Gondkhairy, Nagpur attended meeting with NHAI regarding land acquisition of NAPES & TS Premises for road project, on 30/01/2020.
5. Shri H.P. Sangole, Dy. Controller of Explosives NAPES, Gondkhairy, Nagpur attended meeting on 15/10/2019 with Central Pollution Control Board at District Magistrate, Nagpur's Office regarding Fireworks noise level and collected the sound emitting samples to test at NAPES&TS. The above said team visited this office and 37 samples of fireworks collected by the team were tested for noise level.

SEMINAR/WORKSHOP/LECTURES/TRAINING:

1. Shri V.B. Borgoankar, Dy. Chief Controller of Explosives, Vadodara and Shri K.P. Singh Dy. Controller of Explosives, Vadodara attended Seminar & Exhibition on "Chloro Alkali Products in India" on 25/08/2019 at Vadodara organized by Chloro Alkali manufacturers Association In India
2. Shri V.B. Borgoankar, Dy. Chief Controller of Explosives, Vadodara attended seminar on Hydrogen Fuel Association of India and was panelist in one of the session of the seminar.
3. Shri V.B. Borgaonkar, DyCCE Visited regulator/valves and safety fittings for LPG and Cryogenic service manufacturing factory of M/s. REGO, Burlington, North Carolina, USA for capability assessment of their manufacturing capabilities.
4. Shri Sanjay Kumar, Controller of Explosives, Vadodara delivered lecture on "Explosives Safety" in FSL at Gandhinagar.

5. Shri R.Ganesh, Dy. Controller of Explosives, Vadodara delivered lecture on “Explosives Safety” in FSL at Gandhinagar
6. Shri K.P.Singh, Dy. Controller of Explosives attended training programme on DDO training at NAPES, Gondkhairy, Nagpur on 15.11.2019
7. Shri Rajesh Kumar Bharti, Assistant attended training programme on DDO at NAPES, Gondkhairy, Nagpur on 15.11.2019
8. Shri R. Piplani, Dy CCE delivered a presentation on “Record Management” which comes under Central Secretariat manual of office procedures (CSMOP) on 19.12.2020.
9. Shri H.P. Sangole, Dy. CE delivered a lecture on “Safety during Storage Sale and Transportation of Fireworks in Festival Season” at NAPES&TS to Fireworks shop licensee of Nagpur / Amravati / Wardha / Bhandara / Gondia / Chandrapur / Gadchilori/ Bulthan and Akola Districts on 17/10/2019.
10. Shri H.P. Sangole, Dy. CE, delivered a lecture on “Explosives, its effect and Safety measures” to 109 Industrial management batch at National Academy of for Disaster Management, Civil lines, Nagpur on 24.09.2019.
11. Shri H.P. Sangole, Dy. CE delivered a lecture on “Explosives, its effect and Safety measures” to Industrial management officers from all over India at National Academy of for Disaster management , Civil lines, Nagpur on 13.03.2020.
12. Shri H.P. Sangole, Dy. CE NAPES, Gondkhairy, Nagpur delivered a lecture on “Introduction to Explosives, Roles and responsibilities of PESO” at NAPES&TS to higher munitions course -23 having participants of Major and Colonel rank on 23/09/2019 and followed by factory visit.
13. Shri H.P. Sangole, Dy CE NAPES, Gondkhairy, Nagpur delivered presentation on occasion of birthday of Mahatma Gandhi and Lal Bahadur Shastri in the presence of Shri M.K. JhalaJtCCE (HOD) with Topic as “Plastic free Campaign (Swachchata Hi Seva 2019)” on 02/10/2019. Shri A.B. Tamgadge, CE of CCE office also delivered a presentation on the same topic.
14. Shri R. Piplani, Dy. Chief Controller of Explosives NAPES, Gondkhairy, Nagpur attended a training program on Record Management at ISTM, New Delhi on 13/12/2019.
15. Shri R. Piplani, DyCCE, NAPES, Gondkhairy, Nagpur and Shri H.P.Sangole, Dy, CE prepared a project report on R &D work on “No fire current test for fuse heads and detonators” and submitted to Chief Controller of Explosives, Nagpur.

16. Shri H.P. Sangole, Dy CE NAPES, Gondkhairy, Nagpur delivered presentation on “Noting and Drafting” which comes under Central Secretariat manual of office procedures (CSMOP) on 07/01/2020.
17. Shri Amol J. Sonbarse, Dy.CE NAPES, Gondkhairy, Nagpur delivered a lecture on “Central Secretariat manual on Office Procedures” on 17/12/2019 to the officers and staff of the O/o Dy.Chief Controller of Explosives, NAPES & TS, Gondkhairy as part of skill development of the officers and staff of NAPES&TS during in-house training session.
18. Shri Amol J. Sonbarse, Dy. CE NAPES, Gondkhairy, Nagpur delivered a lecture on “Safety during Storage Sale and Transportation of Fireworks in Festival Season” at NAPES &TS to the licensees of Nagpur / Amravati Districts on 16/10/2019.
19. Shri Amol J. Sonbarse, Dy. Controller of Explosives NAPES, Gondkhairy, Nagpur attended disciplinary proceeding in the capacity of an external observer, invited by the Regional Director, Regional Center of Organic Farming, Gondkhairy, Nagpur; on 30/10/2019.

EAST CIRCLE, Kolkata

MEETINGS

1. Shri Jarifuddin Ahmed, Dy.CE, EC, Kolkata attended meeting on amendments in STEC at OFB Kolkata on 14.05.2019.
2. Dr. R.K. Rathore, Dy.CCE, Shri Subasis Ray, CE & Shri Jarifuddin Ahmed, Dy.CE attended meeting of EI & LP Panel of STEC on 16.05.2019 at OFB Hqrs Kolkata.
3. Dr. R.K. Rathore, Dy.CCE attended meeting on Indo-US Workshop on improving supply chain security in export and sale of commercial grade explosives (CGE) on 20.08.2019 at Le Meridian Hotel, Nagpur.
4. Shri Deepak Kumar, Dy.CE & Shri M.Lohar, Stenographer Gr.I attended Kolkata Town Official Language Implementation Committee 55th meeting on 21.10.2019 at All India Institute & Public Health at Kolkata.
5. Shri Subasis Ray, CE & Shri B.C. Sadhukhan, Dy.CE O/o. Jt.CCE, EC, Kolkata attended meeting with Police Officers (Kolkata) and fireworks temporary shops association on 23.09.2019 at Police Training School, Kolkata.

6. Shri B.C. Sadhukhan, Dy.CE,EC,Kolkata attended meeting in Shastri Bhawan, New Delhi under Chairmanship of Secretary of Mines on 10.12.2019 regarding transfer of licence under Explosives Rules and Petroleum Rules.
7. Shri A.K. Meena, CE, O/o. Bhubaneswar attended advance training programme on the topic of Electric Installation at Head Office, Nagpur from 08.07.2019 to 10.07.2019.
8. Dr. RuabAli, Dy.CCE alongwith Shri Nishant Mridul, Dy.CE, O/o. Dy.CCE, Bhubaneswar attended meeting with Chief Secretary, Govt. of Odisha on 20.11.2019 at Loka Seva Bhawan, Bhubaneswar on the agenda "Seamless Transfor of Mining Lease expiring on 31.03.2020.
9. Shri S.K. Bhole, Dy.CE,O/o. Dy.CCE,Guwahati along with Shri Gagan Aggarwal, Dy.CE attended meeting with Shri S.C.Keyal, Asstt.Solicitor General of India on 15.07.2019, 22.07.2019 and 23.07.2019 for discussion regarding various court cases of PESO.
10. Shri Gagan Aggarwal, Dy.CE,O/o.Dy.CCE,Guwahati attended meeting with Secretary, GAD and Secretary MoC&I, GAD, Govt.of Assam on 12.09.2019 and 13.09.2019 for Hon'be Minister visit.
11. Shri Gagan Aggarwal,Dy.CE,O/o.Dy.CCE,Guwahati attended meeting with Shri S.C.Keyal,Asstt.Solicitor General of India on 20.11.2019 for discussion for compliance to order of the Hon'ble Guwahati High Court in the matter of fireworks licensed shop in Guwahati.
12. Dr.M.I.Z.Ansari, Dy.CCE, Guwahati & Shri Gagan Aggarwal, Dy.CE along with other PESO official delivered a lecture on "Performance, Role & Functions of PESO Guwahati office" to Shri Som Prakash Ji, Hon'ble Minister of State, Govt.of India during his visit to Guwahati from 16.09.2019 to 17.09.2019.
13. Dr.M.I.Z.Ansari, Dy.CCE, Guwahati attended meeting with Adv.Shri V.K.Batra, Sr.CGSC regarding a case in Hon'ble CAT, Guwahati.
14. Shri Ruab Ali, Dy.CCE and Shri Nishanta Mridul, Dy.CE, Bhubaneswar attended meeting on 20.11.2019 with Chief Secrtary, Govt. of Odisha at Lok Seva Bhawan, Bhubaneswar on the agenda of Seamless Transfer of Mining Lease Expiring on 31.03.2020.
15. Shri Basudev Basak, CE attended the meeting with DIG, ATS. Shri Basudev Basak, CE attndded meeting with Shri S.D. Sanjay, ASGI, Patna High Court regarding court matter

16. Shri Amit Kumar, DCE & Shri Guddu Kumar, LDC attended "TOLIC" meetings on 25/07/2019 & 29/11/2019.
17. Shri Gagan Aggarwal, Dy. CE along with Shri S.K Bhole, Dy. CE visited CBI Court, Guwahati on 30/01/2020 for official work. Dr. M.I.ZAnsari, Dy.CCE,PESO Guwahati attended meeting with Adv. Shri V.K. Batra, Sr. CGSC, regarding a case in Hon'ble CAT, Guwahati.

SEMINAR/WORKSHOP/LECTURES/TRAINING:

1. Shri Subasis Ray, CE, Kolkata gave presentation on Petroleum Rules, 2002 to the officers of M/s. BPCL at Bharat Bhawan, Kolkata on 19.04.2019.
2. Shri Nishant Mridul, Dy.CE & Shri P.K.Kar, Asstt, O/o. Dy.CCE, Bhubaneswar attended workshop on topic of "clearance of various departmental issued of all CDDO's & DDO's with PAOs Head Office, Nagpur on 15.11.2019.
3. Shri Nishant Mridul, Dy.CE, Bhubaneswar attended training programme on "Emerging Technologies for Governance" at ISTM, New Delhi from 19.12.2019 to 20.12.2019.
4. Dy.CCE, Ranchi attended video conference with CIC on 27.01.2020 related to RTI.
5. Dr.M.I.Z.Ansari, Dy.CCE, Guwahati attended Hon'ble Court of Lokaukta, Kohima Nagaland on behalf on CCE, Nagpur on 24.05.2019.
6. Dr. M.I.Z.Ansari, Dy.CCE attended Hon'ble Court of Lokayukta, Kokhima, Nagaland on behalf on CCE, Nagpur on 08.07.2019.
7. Shri Gagan Aggarwal, Dy.CE, Guwahati attended Court of Munsiff No.1 at Karimganj, Assam on behalf of the Secretaray, DPIIT, the CCE, Nagpur and Jt.CCE, EC, Kolkata on 18.07.2019.
8. Shri Gagan Aggarwal, Dy.CE, O/o.Dy.CCE,Guwahati attended Court at Kharar, Mohali in case of CHI/93/2019 on 16.08.2019
9. Shri Gagan Aggarwal, Dy. CE attended Court Munsiff no.1 at Karimganj, Assam on behalf of the Secretary, DPIIT, the CCE, Nagpur and Jt.CCE, EC, Kolkata on 22.08.2019.
10. Dr.M.I.Z.Ansari, Dy.CCE, Guwahati delivered a lecture on Statutory Provisions on Fire, Explosions and Safety in hazardous Industries in the regional conference on occupational Health and Safety in the North- Eastern Region Industries organized by M/s. FICCI, New Delhi at hotel Placio, Guwahati on 13.02.2020.

11. Shri Gagan Aggarwal, Dy.CE, O/o. Dy.CCE, Guwahati along with Shri S.K.Bhole, Dy.CE visited CBI Court, Guwahati on 30.01.2020 for official work.
12. Shri A.K.Meena, CE attended advance training programme on the topic of Electric Installation at Head Office from 08.07.2019 to 10.07.2019
13. Dy.CCE, Ranchi attended video conference with CIC on 27.01.2020 related to RTI.
14. Dr.Ruab Ali, Dy.CCE, Bhubaneswar visited Poly Propylene Plant of M/s. IOCL at Paradeep Refinery Project Distt.Jagatsingpur, Odisha.
15. Shri A.K.Meena, CE along with OMC official visited Cylinder Manufacturing Factory of AMAYA Industries at Khurda.
16. Shri A.K.Meena, CE along with PESO Official attended training programme on the topic of Electric Installation at Head office from 08.07.2019 to 10.07.2019
17. Shri Basudev Basak, CE visited the O/o DM & SP, Saran, Distt. Saran for administrative matters referred by the Chief Controller of Explosives, Nagpur.
18. Shri Amit Kumar, DCE visited the O/o DM & SP, Patna & Begusarai for administrative matters referred by the Chief Controller of Explosives, Nagpur.

CENTAL CIRCLE, AGRA

MEETINGS

1. Dr.A.P.Singh, Dy.Chief Controller of Explosives, Shri Nishant Mridul, Dy.Controller of Explosives, Smt. Shrawani Ganguly, Junior Hindi Translator, Shri Pramod Kumar Sharma, U.D.C. and Shri Madan Mohan Gupta, U.D.C.attended Half Yearly Meeting of TOLIC, Agra.
2. Shri M.K.Jhala, Jt.Chief Controller of Explosives (HoD) and Dr.A.P. Singh, Dy.Chief Controller of Explosives, Agra attended a co-ordination meeting with Oil Companies at Allahabad on 11.04.2019. Dr.T.L.Thanulingam, Dy.Chief Controller of Explosives and ShriR.K.Mandloi, Controller of Explosives also attended the meeting.
3. Administrative Meetings were organized in Agra office on 07.05.2019 and 28.05.2019
4. Dr.A.P.Singh, Dy.Chief Controller of Explosives, Agra attended the meeting of Circle Heads on 14.05.2019, organized at HQ, Nagpur.
5. A meeting headed by Dr.A.P.Singh, Dy.Chief Controller of Explosives (I/C), Agra was organized with the licensees of Explosive Magazines / Fireworks Store House at Agra office on 18.10.2019.

6. A Meeting with the Sub-Circle Heads of Central Circle was organized in Agra Office on 22.11.2019 wherein various issues were discussed.
7. A co-ordination meeting headed by Dr.A.P.Singh, Dy.Chief Controller of Explosives (I/C), Agra was organized on 16/12/2019. The officers of PESO Agra and all Oil Marketings Companies attended the said meeting.
8. A co-ordination meeting headed by Dr.A.P.Singh, Dy.Chief Controller of Explosives (I/C), Agra was organized with the Oil Companies at Agra office on 17.12.2019.
9. A meeting of stake Holders of PESO was organized in New Delhi on 18.12.2019. The said meeting was headed by Hon'ble State Minister (Commerce and Industry) a meeting headed by State Minister (Commerce and Industry). Dr. A.P. Singh Dy CCE Agra attended the said meeting.
10. A meeting was organized with the state heads and state Engg. Heads of IOCL and HPCL under the chairmanship of Dr. A. P. Singh on 04.03.2020. All the officers of PESO Agra participated in the meeting.
11. A meeting was organized with the State Heads and State Engg. Heads of BPCL under the chairmanship of Dr. A. P. Singh on 16.03.2020. All the officers of PESO Agra participated in the meeting.
12. Under the chairmanship of Dr. T.L. Thanulingam Dy.Chief Controller of Explosives Allahabad a meeting was organised for office matters on 26/04/2019. All the officers and staff members participated in the same.
13. Dr. T.L.Thanulingam, Dy. Chief Controller of Explosives, Allahabad conducted the meetings along with all officers and staff members on regular basis to review the status of the office work.
14. Dr. T.L.Thanulingam, Dy.CCE, Allahabad attended Half Yearly meeting at NRAKAS, Allahabad regarding official language.
15. In the presence of Dr.A.P. Singh, Dy. CCE, Agra, a co-ordination meeting was held with Oil Company Officials on 11/04/2019
16. Dr. T.L.Thanulingam, Dy. CCE, Allahabad attended quarterly meeting on 22/11/2019 at Office of Jt.CCE, Agra.
17. Shri Rajendra Rawat, CE, Bhopal attended meeting on 12.10.2019 organized by District Magistrate, Bhopal regarding Fireworks for public safety.
18. Shri Waji Ud Din, Dy.CCE, Bhopal attended quarterly meeting on 22.11.2019 organized by Jt.CCE, Agra.

SEMINAR/WORKSHOP/LECTURES/TRAINING:

1. Dr.A.P.Singh, Dy.Chief Controller of Explosives, Dr. R.K.S.Chauhan, Controller of Explosives, Agra and Shri Ashendra Singh, Controller of Explosives, Raipur attended a Workshop on Gas Cylinder Rules 2016 organized by AIIGMA in Lucknow on 16.05.2019.
2. Quarterly Hindi Workshop was organized in Agra office on 27.06.2019. Dr. (Smt) Shashi Tewari, Ex-HoD (Sanskrit), Agra College, Agra addressed the workshop as Chief Guest.
3. Shri K.P.Singh, Dy.Controller of Explosives gave a presentation on 26.06.2019 on CNG Station under the In-house Capacity Building Programme of Officers and Staff.
4. Shri Nishant Mridul, Controller of Explosives, Agra gave a presentation on 02.05.2019 on Inspection of Explosive Magazines. An administrative Meeting was organized in Agra office on 20.06.2019. All the officers and staff attended the meeting.
5. Shri Pravesh Kumar, Dy.Controller of Explosives gave a presentation on 26.06.2019 on Gas Pipeline under the In-house Capacity Building Programme of Officers and Staff.
6. ShriA.K.Mehta, Controller of Explosives and CPIO attended the hearing under RTI Act, thru Video Conferencing with CIC at NIC, Collectorate, Agra on 23.07.2019 and 24.07.2019.
7. ShriA.K.Mehta, Controller of Explosives and Shri Ashok Kumar, Dy.Controller of Explosives participated and gave presentation in the Workshop on Retail Outlets under Petroleum Rules organized by M/s HPCL, Agra on 18.12.2019.
8. The officers of Mathura refinery and GAIL and MECON gave technical presentation in Agra office on 01/01/2020.
9. Officers of Agra offices participated in the Video conferencing with Nagpur office on 01/01/2020 and 07/01/2020
10. The officers of Mathura Refinery gave technical presentation in Agra office on 01.01.2020.
11. The officers of M/s GAIL and MECON gave technical presentation in Agra office on 01.01.2020
12. Dr. A. P. Singh, Dy.CCE, Agra participated in a video conference with the Chief Controller of Explosives, Nagpur on 20/02/2020

13. Shri H.K.Tiwari, Assistant Director (Official Language) and Member Secretary, Nagar Rajbhasha Karyanvan Samiti, Allahabad delivered lectures on development & implementation of official language during the quarterly Workshops conducted by this office on 23/12/2019
14. Shri R.K.Mandloi ,Dy.Controller of Explosives attended Mock Drill organized by M/s BPCL at BPCL LPG Bottling Plant at Naini Allahabad on 23/12/2019
15. Shri M.K. Jhala, Jt.CCE, Nagpur (HOD) along with Dr. A.P.Singh, Dy. CCE, Agra visited this office in old premises for inspection of office and thorough inspected the work of Office of Dy.CCE, Allahabad.
16. Sri R.K.Mandloi, Dy CE and Sri K.K.Kesarwani, Assitant attended training programme organized for DDDO's on 13/11/2019.
17. Dr.R.R.Gupta, CE, & R.K. Mandloi Dy CE organized a works shop at Varanasi on 11/12/2019 regarding implementation of GCR 2016.
18. Dr. R.R. Gupta, CE visited China for joint inspection of cylinders manufacturing unit at China. w.e.f 09.09.2019 to 12.09.2019.
19. Allahabad office organized a works shop regarding Fireworks on 03/10/2019
20. Shri Rajendra Rawat, CE, Bhopal visited China tour on 09.09.2019 to 12.09.2019 of M/s Zhejiang Jindun Fire Fighting Equipments, Zhejuang Province, PR China along with Mrs. Ranjana Rani Gupta, CE, Allahabad and BIS officer and other technical team of manufacturing unit regarding Seamless Cylinders IS Code 7285 (Part I) 2018.
21. Shri Tejveer Singh, Dy.CE, Bhopal delivered a lecture on 23.10.2019 and imparted training to SDM's regarding Explosives Act and Explosives Rules 2008.
22. Shri. Ashendra Singh, CE has delivered a talk on "Latest Amendments in Gas Cylinder Rules, 2016" in a seminar organized by AIIGMA at Lucknow on 16.05.2019.
23. Shri. Ashendra Singh, CE has attended the workshop on "Indo-US workshop on improving supply chain security in the export and sale of commercial grade explosives (CGE)" at Nagpur on 19.08.2019.
24. Shri. Ashendra Singh, Controller of Explosives, has attended seminar on "Utilising Technology to Improve the Cylinder Safety" at Nagpur (M.S.) on dated 07.02.2020.

NORTH CIRCLE, FARIDABAD

MEETINGS:

1. Shri. R.N. Meena, Jt.CCE attended the meeting with respect to clarification on storage and distribution of HSD by Indian Railways in the MOPNG, Shastri Bhawan, New Delhi on 16/04/2019.
2. Shri. R.N. Meena, Jt.CCE attended the meeting with reference to official matters in the office of Chief Controller of Explosives, Nagpur on 14/05/2019.
3. Shri. R.N. Meena, Jt.CCE attended the second Indo Dutch Fast Track Mechanism meeting conducted at Vigyan Bhawan chaired by Secretary, DPIIT, New Delhi on 16/05/2019.
4. Shri. R.N. Meena, Jt.CCE attended a meeting in the MOPNG to review the progress the PILOT on Door to Door Delivery of Fuel on 19/06/2019 at Shastri Bhawan, New Delhi.
5. Shri R.N. Meena, Jt.CCE, NC, Faridabad attended a meeting at M. Chemical & Petrochemicals on 21/6/2019 regarding MSIHC Rules.
6. Shri. R.N. Meena, Jt.CCE attended the meeting in the Ministry of External Affairs, New Delhi to discuss about the proposed programme of Indo-US Workshop on CGE in Nagpur on 11/07/2019.
7. Shri. R.N. Meena, Jt.CCE attended a meeting of 36th Safety Council Meeting in the Ministry of Petroleum and Natural Gas, shastri Bhawan, New Delhi on 06/08/2019.
8. Shri. R.N. Meena, Jt.CCE attended the meeting with reference to official matters in the office of Chief Controller of Explosives, Nagpur on 19/08/2019.
9. Shri. R.N. Meena, Jt.CCE attended on presentation of Draft Chemical (Safety Rules) 20xx in the Ministry of Chemicals and Fertilizers, Shastri Bhawan, New Delhi on 26/08/2019.
10. Shri. R.N. Meena, Jt.CCE attended the meeting in the MOPNG, Shastri Bhawan, New Delhi on review of progress of door to door deliver of fuels on 30/08/2019.
11. Shri. R.N. Meena, Jt.CCE attended first meeting of Technical Committee on Introduction and Enforcement of Chemicals Regulations" on 16/09/2019.
12. Shri. R.N. Meena, Jt.CCE attended the meeting with reference to administrative matters in the office of Chief Controller of Explosives, Nagpur on 14/11/2019.

13. Shri. R.N. Meena, Jt.CCE attended the first Safety Award Committee meeting organised by OISD at OIBD Bhawan, Noida on 16/11/2019.
14. Shri. R.N. Meena, Jt.CCE attended the second meeting of the Technical Meeting on "Introduction and Enforcement of Chemicals Regulations" in the Ministry of Chemical and Fertilizers, Deptt. of Chemicals and Petrochemicals, New Delhi on 06/12/2019.
15. Shri. R.N. Meena, Jt.CCE attended a meeting organised under the chairmanship of Hon'ble MOS, C&I, Udyog Bhawan, New Delhi on 18/12/2019 to discuss implementation issues concerning various areas and stages of licensing/approvals amongst others with stakeholders of Petroleum and Safety Organisation. Shri R.N.Meena, Jt.CCE, Faridabad delivered the power-point presentation on the initiatives in respect of ease of doing business taken by PESO.
16. Shri. R.N. Meena, Jt.CCE attended a meeting on 24/12/2019 in the NDMA Bhawan, New Delhi.
17. Shri. R.N. Meena, Jt.CCE attended a meeting of the Co-ordination Committee to discuss the status of Operationalisation of the Auction Mines & Progress of Various Statutory Clearances on 16/01/2020 at Ministry of Mines, Shastri Bhawan, New Delhi.
18. Shri R.N.Meena, Jt.CCE, NC, Faridabad attended a meeting regarding Phasing out the Electric Detonator in the Chairmanship of Shri Anil Agarwal, Joint Secretary, DPIIT.
19. Shri. R.N. Meena, Jt.CCE attended a meeting in the Ministry of Labour and Employment, New Delhi to review of the Schedule to the Child and Adolescent Labour on 21/01/2020.
20. Shri. R.N. Meena, Jt.CCE attended the third meeting of the Technical Meeting on "Introduction and Enforcement of Chemicals Regulations" in the Ministry of Chemical and Fertilizers, Deptt. of Chemicals and Petrochemicals, New Delhi on 24/01/2020.
21. Shri D.K.Gupta, Dy.CCE, Faridabad chaired a meeting for adoption of new technologies and innovative products in the domain administered by PESO on 13/02/2020 at DPIIT, New Delhi. The meeting was attended by the members of team appointed by DPIIT. The institutional mechanism proposed to be adopted was forwarded to CCE, Nagpur for necessary action.
22. Shri. R.N. Meena, Jt.CCE attended the fourth meeting of the Technical Meeting on "Introduction and Enforcement of Chemicals Regulations" in the Ministry of Chemical and Fertilizers, Deptt. of Chemicals and Petrochemicals, New Delhi on 18/02/2020.
23. Shri D.K.Gupta, Dy.CCE, and Dr. S.K.Singh, CE, Faridabad attended meeting regarding "Transportation of Petroleum Class A and B IMDG approved ISO tankers

- convened by the Secretary (C&PC) on 05/03/2020 at Ministry of Chemicals and Fertilizers, New Delhi.
24. A video conference regarding discussion on various administrative matters was held on 05/04/2019 with Chief Controller of Explosives, Nagpur. All the officers of office of Jt.CCE, NC, Faridabad attended the video conference.
 25. Shri. R.N. Meena, Jt.CCE attended a meeting through Video Conference with CCE on 01/01/2020 regarding (i) Paperless functioning regarding grant, amendment and renewal of licence of Form XI, (ii). Auto renewal of Licence z Form XI, XIV, XVI, Form XIX and proposed Form XV up to 1000 KL., (iii). Auto renewal of Lic. Form LS-18(Auto LPG Dispensing), (iv). Auto renewal of Lic. Form E&F, F&G (v). E-payment of fees through PESO's online application portal and Non Tax receipt Portal (Bharat Kosh).
 26. Shri. R.N. Meena, Jt.CCE attended a meeting through Video Conference with CCE on 07/01/2020 regarding (i) paperless approval and grant of Form XI Licences issued under the PR 2002. (ii) Passing the inward directly to the officer ids instead of dealing assistant ids.
 27. A Video Conference of Circle Heads with CCE on 20/2/2020 was held in which the discussion on paperless functioning of approval/grant of licence, under Petroleum Rules alongwith provisions of digital signature and online renewals by stakeholders. The issues related with leased line were also discussed.
 28. Shri Manmeet Singh Manhas, Dy. Controller of Explosives, Chandigarh attended the office of Sr. Superintendent of Police, Jagraon (Ludhiana) Rural on 16.04.2019 in reference to the Jt. Chief Controller of Explosives, North Circle, Faridabad's memo No. P47927 dated 12.04.2019.
 29. Shri Manmeet Singh Manhas, Dy. Controller of Explosives, Chandigarh met with the Assistant Solicitor General of India, Jammu & Kashmir High Court, Jammu Wing, Jammu on 15.05.2019 regarding status of some court cases pending in the High Court of Jammu & Kashmir at Jammu.
 30. Shri G. Kumaraswamy, Dy. Chief Controller of Explosives, Shri Manmeet Singh Manhas, Dy. Controller of Explosives and Shri Deepak, LDC of this office attended a Half Yearly Hindi meeting held by TOLIC, Chandigarh at Confederation of Indian Industry, Sector 31A, Chandigarh on 25.06.2019.
 31. Shri Mridul Kumar Pandey, Controller of Explosives and Shri Saumitra Raychaudhuri, Dy. Controller of Explosives, Chandigarh attended a meeting with the Director of

- Industries, Punjab Government at the Udyog Bhawan, Punjab Govt. Sector 17, Chandigarh regarding fireworks on 10.09.2019.
32. Shri Mridul Kumar Pandey, Controller of Explosives, Chandigarh attended a magisterial enquiry in the office of Dy. Commissioner, Gurdaspur, Punjab for enquiry into the accident occurred at Unauthorised Fireworks Manufacturing Factory, Batala on 30.09.2019.
 33. Shri Saumitra Raychaudhuri, Dy. Controller of Explosives, Chandigarh attended a meeting in the office of Director of Industries, Punjab at Udyog Bhawan, Sector 17, Chandigarh on 12.03.2020.
 34. Shri G. Kumaraswamy, Dy. Chief Controller of Explosives, Chandigarh attended a meeting with Addl. DGP, Internal Security, SAS Nagar, Punjab at his office on 19.03.2020.
 35. An administrative meeting was conducted by Shri Ajai Singh, Dy.CCE, Jaipur in the O/o Dy.CCE, Jaipur on 13.06.2019.
 36. An administrative meeting was conducted by Shri Ajai Singh, Dy.CCE, Jaipur in the O/o Dy.CCE, Jaipur on 26.08.2019.
 37. Shri Ajai Singh, DyCCE, Shri Bhupendra Singh, DyCE and Shri Deepnarayan Gupta, UDC attended and participated in 77th Town Official Language Implementation Committee (TOLIC), Hindi meeting held at office of The Income Tax Commissioner, Jaipur on 29.08.2019.
 38. Shri Nitin Goyal, Dy.CE, Jaipur and Shri D.N.P. Gupta, UDC in the O/o Dy.CCE, Jaipur attended annual meeting in the O/o Central Government Employees Welfare Committee, Chief Income Tax Office, Jaipur on 29.08.2019. Employees from other central government offices also present in this meeting.
 39. An administrative meeting was conducted by Shri Ajai Singh, Dy.CCE, Jaipur in the O/o Dy.CCE, Jaipur on 6/9/2019.
 40. A meeting was attended by Shri Rabindra Jain Biruly, Dy.CE and Shri G.S. Raigar, Steno Gr.II in the O/o Karmchari Kalyan Samanvaya Samiti, Income Tax Hall, Income Tax Bhawan, Jaipur on 26.09.2019.
 41. An administrative meeting was conducted by Shri Ajai Singh, Dy.CCE, Jaipur in the O/o Dy.CCE, Jaipur on 20/01/2020
 42. Shri Bhupendra Singh, DyCE and Shri Deepnarayan Gupta, UDC attended and participated in 78th Town Official Language Implementation Committee (TOLIC), hindi meeting held at office of Accountant General, Jaipur on 28.01.2020.

SEMINAR/WORKSHOP/LECTURES/TRAINING:

1. Shri. R.N. Meena, Jt.CCE attended a second Indo-US workshop on Improving Supply chain Security in Export and Sale of Commercial Grade Explosives at Nagpur on 19/08/2019.
2. Dr. S.K. Singh, CE, Faridabad attended Two days workshop on 10-10-2019 & 11-10-2019 for “Sensitizing the nodal officers dealing with disaster management in all Departments/Ministries of the Central Government” at Vigyan Bhawan, New Delhi.
3. Shri G. Kumaraswamy, Dy. Chief Controller of Explosives, Chandigarh and Shri Ashish Dahiya, LDC of this office attended one day workshop regarding clearance of various departmental issues of all CDDO’s/DDO’s in the office of PAO, Nagpur on 13.11.2019.
4. Dr. R. R. Gupta, CE, Jaipur attended a work shop on ‘ Advance Training Programme on Electric Installation’ at the O/o CCE, Nagpur from 8/7/2019 to 10/7/2019.
5. A workshop of ‘Fireworks safe handling, manufacture, storage and transportation’ was organized in the O/o the Dy.CCE, Jaipur on 25/9/2019. Most of the Fireworks manufacturers and dealers of Rajasthan attended the workshop. Shri Ajai Singh, Dy.CCE, Jaipur gave the inaugural speech of the event and the lectures on safety in construction, handling, manufacture, storage and transportation of fireworks were delivered by Dr. G.K. Pandey, CE, Shri S. Kandasamy, Dy.CE and Shri Bhupendra Singh, Dy.CE.
6. Shri S. Kandasamy, Dy.CE, Jaipur delivered lecture on Gas Cylinder Rules 2016 in respect to CNG and CBG stations at Agricultural Research Institute, Jaipur on 22/11/2019.
7. Shri S. Kandasamy, Dy.CE, Jaipur delivered speech in conference on ‘Leadership Commitment and Role of Regulators in enhancing safety conducted by Sustainable Development Foundation, Jaipur on 20/12/2019.
8. Shri S. Kandasamy, Dy.CE, Jaipur and Shri D.N.P Gupta, UDC attended one day training programe on NTRP conducted by PAO at Nagpur on 13.11.19.
9. Dr. Vivek Kumar, Controller of Explosives, Chandigarh attended a “Advance Training Programme on Electric Installation” at NAPES &TS, Gondkhairy, Nagpur w.e.f. 08.07.2019 to 10.07.2019

10. Shri Sumiran Kumar, Dy. Controller of Explosives, Faridabad and Shri Kaushik Barman, UDC attended one day training programme on PFMS on 13/11/2019 at office of Chief Controller of Explosives, Nagpur.
11. Shri Mridul Kumar Pandey, Controller of Explosives, Chandigarh has attended a training programme on “Emerging Technologies for Governance” from 19.12.2019 to 20.12.2019 at ISTM, New Delhi.
12. Shri S. Kandasamy, Dy. CE, Jaipur attended one week training program on “Cathodic Protection & Pipeline Corrosion” at Central Electrochemical Research Institute, CSIR, Karaikudi, Tamilnadu from 19/8/2019 to 23/8/2019.
13. Shri S. Kandasamy, Dy. CE, Jaipur and Shri D.N.P Gupta, UDC attended one day training programme on NTRP conducted by PAO at Nagpur on 13.11.19.
14. Shri Ajai Singh, Dy. CCE, Jaipur visited China to witness the facilities at M/s CIMC ENRIC, China for BF3 Cylinder manufacturing from 14.10.2019 to 17.10.2019.
15. Shri Mridul Kumar Pandey, Controller of Explosives, Jaipur visited USA at M/s Kidde Fenwal Inc. 400 Main Street, Ashland, MA01721 for evaluation of the valve manufacturing and quality control facilities, accompanying with Shri R.N. Meena, Jt. Chief Controller of Explosives, North Circle, Faridabad from 25.02.2020 to 28.02.2020.
16. Shri R.N. Meena, Jt. CCE, visited to M/s Kidde Fenwal Inc. 400 Main Street, Ashland, MA 01721, United States of America from **25/02/2020 to 28/02/2020** on deputation to witness and assess the capability for manufacturing and testing of cylinders under Gas Cylinders Rules 2016.

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'	16	09	31
2	Group 'B'	10	03	05
3	Group 'C'	54	28	59

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 2019-20 circulated by Department of Official Language to all the offices of Central Government. With the aim of achieve 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 – one word/quotation in Hindi with its English translation 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

activities, 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 7 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.

Jt. Chief Controller of Explosives and Hindi officer, Nagpur attended the 9th& 10th half yearly meeting of Town Official Language Implementation Committee held on 20/05/2019 and 23.10.2019 respectively. In order to promote hindi, Inter-office competition –*Extempore Hindi speech competition* was organized on 02.08.2019 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 19^h 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 etc. 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, Handwriting competition, Shabdgyan, Logo -Punch line competition and Antakshari. 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.

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 2019-2020

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

Received 2nd prize for its Hindi Magazine "Visphotak Darpan" Issue-18

• O/o Jt. Chief Controller of Explosives, Central Circle, Agra 2019-20

Under Town Official Language Implementation Committee, Agra

The office of Joint Chief Controller of Explosives, Agra was awarded Second Prize, for the Year 2019-2020, for their excellent performance in implementation of Official Language by the TOLIC, Agra.

•O/o. Controller of Explosives, Dehradun received 1st prize from the regional implementation office for the Year 2018-2019 for their excellent performance in implementation of Official Language.

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, **10912** premises (out of total **125043** units licensed) were inspected. This amounts to inspection of **08.72** % of the total premises. The inspected premises mentioned above include **3117** licensed premises under Explosives Rules, 2008; **64705** licensed premises under Gas Cylinder Rules, **3043** licensed premises under SMPV (U) Rules and **47** licences premises under Ammonium Nitrate Rules, 2012.

UNDER PETROLEUM ACT, 1934

During the year, **3886** premises licensed were inspected, which amounts to about 1.85% of the total **209220** licensed premises. The above inspections include **3877** premises licensed under Petroleum Rules, 2002 and **09** premises licenced under Calcium Carbide Rules, 1987.

In all out of **334263** premises covered under various licenses granted by this Organization under various Acts & Rules, **14798** premises (**4.42%**) were inspected during the year 2019-20. 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.

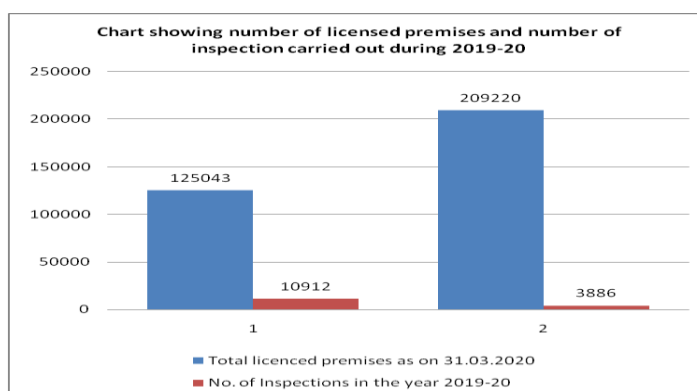


TABLE – I**DETAILS OF INSPECTION CARRIED OUT DURING THE YEAR 2019-2020**

Rules	As on 31.03.2018	As on 31.03.2019	As on 31.03.2020	No. of Inspections in the year 2019-20
Ammonium Nitrate Rule, 2012	1384	1332	1326	47
Explosives Rules, 2008	47593	48374	47035	3117
Gas Cylinder Rules, 2016	27794	31994	33878	4705
SMPV(U) Rules, 2016	40080	42240	42804	3043
Petroleum Rules, 2002	194485	210925	209146	3877
Calcium Carbide Rules, 1987	103	146	74	09
Total	311866	335411	334263	14798

TABLE - II**DETAILS OF CANCELLATION, SURRENDER, SUSPENSIONS AND REVOKATION CARRIED OUT DURING THE YEAR 2019-2020**

Sr · No	RULES	Cancellati on of licence	Surrende r of licence	Interim suspension of licence	Suspensio n	Revokati on	Show cause notice
1	Ammonium Nitrate Rule, 2012	03	10	00	00	00	08
2	Explosives Rules, 2008	372	635	25	11		725
3	Gas Cylinder Rules, 2016	25	128	6	14	98	124
4	SMPV(U) Rules, 2016	164	867	03	15	53	63
5	Petroleum Rules, 2002	125	969	19	15	216	223
6	Calcium Carbide Rules, 1987	-	-	-	-	-	-
	Total						

ACCIDENT INVESTIGATION DURING THE PERIOD 2019-2020

SOUTH CIRCLE, CHENNAI

A. EXPLOSIVES ACT, 1884

A.1 Explosives Rules, 2008

1. Date: 03.04.2019 Place: Kottur Village, Virudhunagar District

Killed: 1 Injured: 1

A fire and explosion accident occurred in the fireworks premises of M/s. Sainath Fireworks Industries at Kottur Village, Virudhunagar District on 03.04.2019 at around 06.00P.M in the white powder mixing shed No.4 resulted damages to nearby sheds and injuries to two persons.

Probable Cause of accident:- The white powder mixing shed no.4 was not cleaned properly at the end of day's process and not free from chemical composition/ semi finished fireworks. The unsafe act committed by the worker that kicking or dropping a stone while closing the doors of the building No.4 might have developed impact/ friction on the chemical spillages which generates spark resulted in to fire and the fire further spread to the chemical composition stored inside the shed resulted into explosion. Then the fire/ explosion propagated to other nearby sheds namely white powder filling building 7, gun powder mixing shed No.3 and damaged these sheds also.

1. Date: 30/05/2019 Place: Thulukkankuruchi Vill Virudhunagar District, TN

Killed: 2 Injured: 0

An accident had occurred in the fireworks manufacturing unit of M/s. Naya Carnation Fireworks situated at Thulukkankuruchi Village, Vembkottai Taluk, Virudhunagar District, Tamil Nadu covered under license No. E/HQ/TN/20/914 (E32257) on 30/05/2019 at around 8.30 Hrs in the white powder filling shed no. 69 while mixing of ingredients.

Probable Cause of accident:- All due precautions were not observed for the prevention of accidents by fire or explosion and proper training to workers was not imparted. Moreover, filling shed No. 69 was found being misused for mixing and sieving of ingredients.

2. Date: 29/06/2019 Place: V Chockalingapuram village, Sivakasi

Killed: 0 Injured: 0

A fire/ explosion accident occurred in the fireworks premises of M/s Silver Cap Works (Pvt) Ltd., V. Chockalingapuram village, Sivakasi on 29th June 2019 at 06.50P.M resulted damages to various manufacturing facilities

Probable Cause of accident:- All due precautions was not observed for the prevention of accidents by fire or explosion and the manufacturing and finishing shed No.9 was found misused for fuse manufacturing.

3. Date: 13/08/2019 Place: Karicheri, Virudhunagar,T.N.

Killed: 1 Injured: 0

A fire accident had occurred in the fireworks premises of M/s Lara Fireworks, situated at Survey No. 289/2B2A,312,321/1,315,316/1 & 319/1A, , Karicheri, Virudhunagar, T.N. on 13th Aug, 2019 at about 6:40 a.m. A fire accident happened first in the Transit shed (Fuse) shed no. 44 and subsequently causing accident to Fuse dipping shed no. 43,T- shed for fuse curing/cutting shed no. 43A and Transit shed (Fireworks) shed no. 45.

Probable Cause of accident:- From the circumstantial evidence & statement of the witnesses, the transit shed (Fuse) shed no. 44 was misused for drying and storage of huge quantity (25kgs) of pellets. Due to open drying sand particles might have mixed with pellets. On the day of accident while Shri Mayalagan S/o Ramar, Age 52 was trying to take pellets kept on jute bag, from the shed no. 44 some of the pellets have fallen down and due to friction with sand it resulted in fire/explosion. As a result Shri Mayalagan S/o Ramar, Age 52 died on the spot.

4. Date: 30.09.2019 Place: Nangilikondan Village, Villuppuram District,T.N.

Killed:03 Injured:18

A Fire/explosion occurred on 30th September 2019 at 8.00 a.m. in the fireworks premises located at Nangilikondan Village, Villuppuram District, Tamilnadu. No licence/permission from the government authorizes was obtained. During the accident three persons were killed and 18 persons injured. The probable cause of the accident might be that the fireworks stored in ill fated van might have contained some chemicals which are sensitive to hear impact or friction resulted in explosion.

5. Date: 11/10/2019 Place: V Chockalingapuram village, Sivakasi.

Killed: 1 Injured: 0

An accident has occurred in the fireworks premises of M/s. The Ravindra Fireworks situated at Survey No. 266/1A,268/1,2,3,4,5,6,7, 269/1,2,3,4 and 138/5,6,7 , 140/1,2,3,4, , Zamin Salvarpatti and V. Chokkalingapuram, VIRUDHUNAGAR, Tamil Nadu on 11th Oct,2019 at about 9:10 a.m. Consequent upon the accident, one person Mr. Muthu Pandi was died on the spot and the shed no. 87 i.e. white powder filling shed was severely damaged. Mr. Muthu Pandi was carrying white powder mixed composition and entered into the white powder filling shed no 87.

Probable Cause of accident:- All due precautions was not observed for the prevention of accidents by fire or explosion and Unapproved fireworks found being manufactured in the licence premises very unsafely.

6. Date: 11.10.2019 Place: Iyyarnar Koil Road, KaraiyambuthurLake,Puducherry

Killed: 05

A Fire/explosion occurred on 11/10/2019 at 1430 hrs in the fireworks manufacturing unit situated at Iyyarnar Koil Road, Karaiyambuthur Lake, Puducherry covered under DM licence No.1/DM/D1(EXP)/2015. Five persons were killed in the accident. The probable cause of the accident according to Preliminary Report was that raw material of fireworks and semi finished products might have caught fire due to generation of heat while ingredients were mixing

7. Date: 22/10/2019 Place: Vill Nathikudi Distt Virudhunagar

Killed: 0 Injured: 3

An accident occurred in the premises of M/s Ayyan Fireworks Factory (P) Ltd, Vill Nathikudi Distt Virudhunagar on 22/10/2019 at about 12:00 PM. Consequent upon the accident, three persons were injured and the burnt tubes were found scattered in and around the manufacturing shed no. 65, the rubber sheet on the floor was found burnt and damaged and the black soot were deposited on the internal walls of this shed.and injuries to two persons.

Probable Cause of accident:- All due precautions were not observed for the prevention of accidents by fire or explosion and unapproved fireworks found being manufactured in the licence premises very unsafely.

8. Date: 21/11/2019 Place: Amathur Village, Virudhunagar

Killed: 0 Injured: 1

An accident occurred in the FW's premises of M/s. SURYA PYROTECHNICS situated at Amathur Village, Virudhunagar District, Tamil Nadu covered under license No. E/HQ/TN/20/1291 (E61202) on 21/11/2019 at around 10.50 Hrs in the white powder filling shed no. 42 when Mr. K Alagumalai was cleaning the floor of shed no. 42 after filling the chakkar tubes and suddenly, it caught fire.

Probable Cause of accident:- All due precautions were not observed for the prevention of accidents by fire or explosion and unapproved fireworks found being manufactured in the licence premises very unsafely. Also, Filling shed No.42 was being misused for mixing and sieving of ingredients.

9. Date: 28/12/2019 Place: Sevalpatti Village Distt. Virudhunagar

Killed: 0 Injured: 2

A fire accident occurred in fireworks manufacturing premises of M/s. Killi Fireworks situated at Sevalpatti Village Distt. Virudhunagar on 28/12/2019 at about 10.30 AM.. In this accident two workers Mr. S Ramasamy and Sri C Ganesan were sustained with burn injuries After the accident, burnt fireworks remnants, aluminium vessels, wooden tools, chorsa rings were found lying outside of the sheds. Burnt remnants of quick match fuse were found lying outside of the shed no, 14. The roof and wall of the shed No.6 and 12 were found with soot sign and remnants of fireworks, wooden tools and weighing balance were found in the shed No 6 and 12.

Probable Cause of accident:- All due precautions was not observed for the prevention of accidents by fire or explosion and Fuse dipping shed No.14 was found misused for other than the purpose specified in the license.

10. Date: 30/01/2020 Place: M/s Snehaa Fireworks Factory

Killed: 0 Injured: 0

A fire accident had occurred in the FWs manufacturing premises of M/s Snehaa Fireworks Factory on 30.01.2020 at about 9:35 a.m. The fire occurred first in the White Powder Filling

Shed no. 43 and subsequently causing damaged to Pellet Shell loading/assembling Shed no. 82, White Powder Filling Shed no. 42, Pellet tube loading Shed no. 81, Pellet Drying Platform Shed no. 46 and Pellet Making Shed no.45.

Probable Cause of accident:- All due precautions was not observed for the prevention of accidents by fire or explosion and Foreman was not present in the premises at the time of inspection and fireworks manufacturing activities were found under taken in the absence of foreman.

11. Date: 30/01/2020 Place: Maraneri & Duraisampuram, Virudhunagar,T.N.

Killed: 1 Injured: 1

A fire accident had occurred in the FWs manufacturing premises of Fireworks premises of M/s K.R.S Fireworks situated at Survey No(s): ,838/1, 1257/5A, 1257/5B, 1258/3, 1259/3, 1260/2, 1260/3, 1260/4, 1260/5,, 1261, 1262/1, 1262/2, 1263/1, 1263/2 & 1263/3, Maraneri & Duraisampuram, VIRUDHUNAGAR, Tamil Nadu Consequent upon the accident on 04.03.2020 at around 1:45 p.m in which one person was killed and one person was injured, the white powder filling shed no. 9 was completely razed to the ground. The mound wall of surrounding shed no.1,2 and 8 were also damaged. Black sooth were found deposited on the floor and walls of the Fuse over pasting room shed no. 58. The doors of the shed no. 58, 59,12 8, 2, 12 were found damaged.

Probable Cause of accident:- All due precautions were not observed for the prevention of accidents by fire or explosion and Foreman was not present in the premises at the time of inspection and fireworks manufacturing activities were found under taken in the absence of foreman. Unapproved fireworks were also found being manufactured very unsafely.

12. Place: V. Chockalingapuram village, Sivakasi

Killed: 1 Injured: 0

Fireworks premises of Sri S. S. A. Bhaskaran Survey No. 266/1A,268/1,2,3,4,5,6,7, 269/1,2,3,4 and 138/5,6,7 , 140/1,2,3,4, , Zamin Salvarpatti and V. Chokkalingapuram, VIRUDHUNAGAR, Tamil Nadu. Consequent upon the accident, one person Mr. Muthu Pandi was died on the spot and the shed no. 87 i.e. white powder filling shed was severely damaged. Mr. Muthu Pandi was carrying white powder mixed composition and entered into the white powder filling shed no 87.

Probable Cause of accident:- All due precautions was not observed for the prevention of accidents by fire or explosion and Unapproved fireworks found being manufactured in the licence premises very unsafely.

13. Date: 22/10/2019 Place: Vill Nathikudi Distt Virudhunagar

Killed: 0 Injured: 2

An accident occurred in the premises of M/s Ayyan Fireworks Factory (P) Ltd, Vill Nathikudi Distt. Virudhunagar on 22/10/2019 at about 12:00 PM. Consequent upon the accident, three persons were injured and the burnt tubes were found scattered in and around the manufacturing shed no. 65, the rubber sheet on the floor was found burnt and damaged and the black sooth were deposited on the internal walls of this shed.and injuries to two persons.

Probable Cause of accident:- All due precautions was not observed for the prevention of accidents by fire or explosion and Unapproved fireworks found being manufactured in the licence premises very unsafely.

14. Date: 03/06/2019 Place: Vill Bommalaramaram, Nalgonda, Telangana

Killed: 1 Injured: 0

An accident occurred in Building No.D-24(NHN Dry Store Building) of M/s.Regensis Industries Private Limited on 3/6/2019 at 10.30 a.m. bearing licence No.E/HQ/TG/20/90 (E82167).

15. Date: 27/09/2019 Place: Peddakandukur, Yadadri-Bhongir, NALGONDA, Telangana

Killed: 1 Injured: 1

Fire accident occurred in process building L-12 at Explosives manufacturing premise of M/s Premier Explosives Ltd. covered under license no. E/HQ/TG/20/60(E48747), situated at Survey no. 39, Peddakandukur, Yadadri-Bhongir, NALGONDA, Telangana on 27.09.2019 at 09.00 AM.

16. Date: 13/1/2020 Place: Vill. Peddakandukur, NALGONDA, Telangana

Killed: Nil Injured: Nil

An accident occurred in Propellant manufacturing unit of M/s. Premier Explosives Limited at 4.50 p.m. on 13.01.2020.

17. **Date:** 28/1/2020 **Place:** Kukatpally, Hyderabad, Telangana

Killed: Nil **Injured:** 1

An accident occurred in the Detonator filling and Pressing Building No.46B of M/s. GOCL Corporation Limited covered under licence No.E/HQ/TG/20/76 (E13741) at 1.25 p.m. on 28/1/2010.

18. **Date:** 26/02/2020 **Place:** Kukatpally, Hyderabad, Telangana

Killed: 1 **Injured:** 2

An accident occurred during ASA Pressing operation in the Detonator Filling and Pressing Building No.46-C of M/s.GOCL Corporation Limited covered under licence No.E/HQ/TG/20/76 (E13741) at 11.50 a.m. on 26/02/2020.

19. **Date:** 12/08/2019 **Place:** G. Medapadu Vill, Samarlakota Mandal, E. Godavari Dist

Killed-05 Injured-03.

Explosion in a kachha shed located within paddy fields at G. Medapadu Village, Samarlakota Mandal, East Godavari District, Andhra Pradesh on 30.09.2019 at about 08.00 AM while manufacturing fireworks illegally.

20. **Date:** 19/09/2019 **Place:** Bobbili Town, Vizianagaram Dist A.P.

Injured- one.

Explosion in a residential building at Bobbili Town, Vizianagaram District, Andhra Pradesh on 19.09.2019 at about 04.20 AM while manufacturing fireworks illegally.

21. **Date:** 01/10/2019 **Place:** Chilakaluripeta, Guntur Dist. A.P.

Killed-03 Injured-01.

Explosion in a residential building at Chilakaluripeta, Guntur District, Andhra Pradesh on 01.10.2019 at about 03.30 PM while manufacturing works illegally.

22. **Date:** 30/04/2019 **Place:** Vellore

Killed : 01 Injured : 01

Fire /explosion occurred on 30.04.2019 at about 09.30 hours in the storage shed of Shri P. Sasikumar, Firework Manufacturing unit covered under Vellore Dist DM licence No. 01/2015/WLJ. As a result one worker died on spot and one sustained severe injury.

23. **Date:** 22/06/2019 **Place:** Krishnagiri Dist

Killed : 03 Injured : 0

Fire /Explosion occurred on 22.06.2019 at about 16.30 hours in the Fireworks Factory of M/s Raziq Fireworks Factory covered under Krishnagiri Dist DM licence No.02/2017. As a result three workers died on spot.

24. Date: 29/1/2020 Place: Udayamperoor, Kanayannur Taluk, Ernakulam

Injured- 15

An accident occurred at the fireworks display premises of Nadakkavu Bhagavathi Temple situated at Udayamperoor, Kanayannur Taluk, Ernakulam Taluk on 29/1/2020 at 8.50 pm in which 15 persons were injured. The accident occurred during fireworks display where in the burying of large number of shells in close proximity to each other in similar rows progressively leading to 6-7 rows, with each shell touching the other one, must have led to the firing in quick succession of the shells. The shells which got ignited from the different rows, it appears, have collected in the sky resulting in the straying of one of the shells towards the spectators, standing very close proximity to the site and thus injuring the victims. The accident is under investigation.

PETROLEUM ACT 1934

Petroleum Rules, 2002

1. Date: 12/05/2019 Place: Meenambakkam, Chennai, Kanchipuram T.N.

Killed: Nil Injured: 1

A Fire/explosion occurred on 12th May 2019 at 7.35 a.m. in M/s. Bharat Petroleum Corporation limited premises located at ASM Meenambakkam, Chennai, Kanchipuram, Tamilnadu covered under licence No.P/SC/TN/14/2058 (P36065). One person was killed and one person injured in the above accident. The probable cause of the accident according to Preliminary report was that the fire broke out at the ATM room due to short circuit in the electrical junction box. Subsequently the fire was spread over the convenient store with presence of flammable false ceiling and flammable material used in partition.

2. Date: 22.02.2020 Place: Mevalooruppam Vill., Pazhanjur, Dist: Chennai T.N.

Killed: Nil Injured: 1

An accident-involving fire occurred on 22.02.2020 at about 6.55 A.M in the Petroleum retail outlet of M/s. Hindustan Petroleum Corporation Limited located Plot No. S.No.345/1 of, Mevalooruppam Village, Pazhanjur, District: Chennai, Tamil Nadu covered under licence No.P/SC/TN/14/1052(P32596).The container bearing vehicle No. NL 01 AB 2260

reached the subject retail outlet at about 6.50 am for refueling of diesel (HSD). The vehicle parked at the dispensing unit number 16 of the retail outlet. It has been seen from the CCTV footage obtained from Oil Company that the pump boy has handed over the dispensing nozzle to the driver of the vehicle for dispensing the product in to the fuel tank. A fire ball gushed out of the Fuel tank nozzle during dispensing operation and the driver got burn injuries. Probable causes include the dispensing of the fuel by the inexperienced person and exact cause is under investigation.

3. Date: 23/08/2019 Place: Nacharam, Hyderabad

Killed: 1 Injured: Nil

Fire accident occurred at Petroleum retail outlet of M/s.Shell India Markets Pvt. Ltd. bearing licence No.P/SC/TG/14/4760 (P181914) at Nacharam, Hyderabad on 23/08/2019 at 11.30 a.m.

4. Date: 12/08/2019 Place: Visakhapatnam port

Killed: 4 Injured: Nil

Explosion followed by major fire at an off-shore support vessel "Coastal Jaguar" near Single Point Mooring facility, M/s HPCL Visakha Refinery Visakhapatnam port on 12.08.2019 at 11.30 AM.

5. Date: 11/03/2020 Place: Malkapuram area, Visakhapatnam,

Killed-Nil Injured-02

On 11/03/2020, there was a fire accident at the 24" MS line from BPCL Kochi Refinery to the Irimpanam Terminal (Lic. No.P/HQ/KL/15/43 (P12456)). The fire was observed by the inspecting team due to the product leakage from the flame joint of 24" MS line from BPCL Kochi Refinery to the Irimpanam Terminal. It is presumed that gasket had got ruptured and MS leaked out. The accident is under investigation.

6. Date: 29/1/2020 Place: Madivala village, Hosur Road, Bangalore, Karnataka

Injured : Nil Killed : Nil

Fire accident occurred in the Petroleum Retail Outlet of M/s. Bharat Petroleum Corporation Ltd., located at Madivala Village, Hosur Road, Bangalore covered under Licence No.P/SC/KA/14/895(P34057) while refuelling passenger bus in the Retail Outlet.

After refuelling, while starting the bus, the driver observed flickering of bust light followed by white smoke from the engine area below the driver's cabin. The driver tried to move the bus out of the RO, but the bus did not start. Meanwhile the smoke turned up in to a full flashed fire and blaze was coming out from bottom area of the bus below the driver cabin and later blaze spread the fire to the canopy which was situated just above the bus. By this time all attendants and driver tried to extinguish the fire but could not succeed. Immediately the fire tender was called and the blaze could only be brought under control after half an hour by the fire brigade. Only canopy was found damaged in south direction due to exposure to heat. No visible damage was seen on Pump pedestal, delivery hose etc. Exact cause of the accident is under investigation.

7. **Date:** 20/12/2019 **Place:** Malkapuram area, Visakhapatnam,
Killed-Nil Injured-02.

Incident of fire occurred on 20.12.2019 at 09.30 A.M. at CDU-III Unit in M/s HPCL-Vizag Refinery Unit in Malkapuram area, Visakhapatnam, Visakhapatnam District, Andhra Pradesh.

WEST CIRCLE, NAVI MUMBAI

A. EXPLOSIVE ACT, 1884

A.1 Explosives Rules, 2008

1. **Date:** 28/12/2019 **Place:** AMA Industries Ltd, Village Dhaga District Nagpur

Killed : 1 Injured : Nil

Accident occurred in Explosives manufacturing factory of M/s. AMA Industries Ltd, Village Dhaga District Nagpur on 28/12/2019 injuring a person who later succumbed to this injuries on 05/01/2020 in the hospital. The accident occurred while destruction of rejected filled shells.

2. **Date:** 27.04.2019 **Place:** Village: Mathani, **Tah:** Khamgaon

Killed : 1 Injured : 1

An accident occurred on 27.04.2019 at 09.30PM in the Explosives magazine situated at Sy. No. 15, Village: Mathani, Tah: Khamgaon, Dist.: Buldhana, Maharashtra- 444 303 covered under License Number E/HQ/MH/22/892 (E81387) in LE-3 of Explosives

Rules 2008. In the accident one person was killed and another was seriously injured but recovered after long treatment. The accident had been investigated by Shri Janardan Kumar, Controller of Explosives, Wardha. The preliminary report was forwarded on the very next day and final investigation report is at the advance stage of finalization for forwarding to competent authority.

GAS CYLINDER RULES 2016

1. Date: 29/10/2019 Place: MIDC Ambernath, Thane, Maharashtra.

Killed : Nil Injured : Nil

An accident/explosion of the CNG cylinder fitted to an Auto Rickshaw occurred at CNG dispensing facility of M/s. Mahanagar Gas Ltd. at Plot No.TAK-A, City Gate Station, MIDC, Ambernath, Thane, Maharashtra covered under Licence No.G/HO/MH/07/214 (G28998).

The CNG Cylinder fitted in the Auto Rickshaw blasted into pieces. The Auto Rickshaw completely damaged. A canopy of the CNG filling area got partially damaged. Cause of accident is under investigation.

2. Date: 12/08/2019 Place: Khergam, Dist. Navsari, Gujarat.

Killed : 1 Injured : Nil

An explosion took place at the CNG dispensing station while dispensing CNG which resulted into severe damage to Maruti Alto Car, canopy of the CNG dispensing station and injury to one person. The explosion took place because of fitment of spurious Cylinder (welded) in the Alto Car.

3. Date: 11/01/2020 Place: Padra, Dist. Vadodara

Killed : 6 Injured : 4

A devastating explosion took place while checking of compressed Hydrogen gas pressure filled in the cylinders illegally from Hydrogen cylinder cascades in to the cylinders which are meant for Oxygen service. During investigation, it is revealed that the Oxygen service Cylinders were painted with red colour without obtaining gas service change permission from PESO. The premises in which accident took place was licensed for storage of Hydrogen cylinders only. The Oxygen cylinders were not properly purged before filling Hydrogen gas resulting in to formation of explosive mixture. The probable cause of accident was leakage of Hydrogen while checking the

pressure of compressed Hydrogen gas which ignited due to accumulation of static charges.

PETROLEUM ACT 1934

Petroleum Rules, 2002

1. **Date: 30/12/2019 Place: Kandla, Dist. Kutch, Gujarat.**

Killed : 4 Injured : Nil

An explosion followed by fire took place in the methanol storage tank of the Petroleum Storage installation of M/s. IMC Ltd., Kandla resulting in death of 4 persons. The accident took place while adding bitrex and methyl red powder from the top manhole cover in the 1910 MT methanol stored in the storage tank. The fire lasted for 4 days and whole 1910 MT. methanol stored in the tank was completely burnt. The firefighting efforts taken by the company saved the surrounding storage tanks in the installation. The accident is believed to have occurred while removing the manhole cover. The explosive methanol vapour air mixture present near the manhole cover ignited due to spark generated by accumulation of static charges.

CENTRAL CIRCLE, AGRA

A. EXPLOSIVES ACT, 1884

A.1 Explosives Rules, 2008

1. **Date: 21.09.2019 Place: Gaddah mohalla, Mirahchi Kasba, Dist. Etah (U.P.)**

Killed- 07 Injured - 05

An explosion incident occurred at **mohalla, Mirahchi Kasba, Dist. Etah (U.P.)**, during manufacturing of fireworks. The probable cause of accident is under investigation.

2. **Killed-2, Injured-2.**

A fire accident took place while carrying out pounding operation of the gunpowder, probable cause of the accident was in-incorporation of any foreign material / grit in the mixture of Charcoal & Potassium Nitrate, which has resulted in fire & explosion while pounding operation.

A.2 GAS CYLINDER RULES 2016

1. **Date: 15.05.2019 Place: Parsakhera, UPSIDC, Dist. Bareilly (U.P.)**

Killed- 01 Injured - Nil

An explosion incident occurred at M/s V.N. Industries, Parsakhera, UPSIDC, Dist. Bareilly (U.P.) in oxygen manifold of oxygen filling plant, A Probable cause of explosion of cylinder may be the presence of traces of oil in the cylinder. The details of hydrostatic stretch test date were not found punched on the cylinder and records of test were not made available. It is possible that the cylinder was not fit for filling of gas.

2. **Date:24.09.2019 Place: Sidcul District- Haridwar**

Killed- 01 Injured - 03

On 24.09.2019 at about 1554hrs, An oxygen cylinder exploded at M/s Sues Driplex Water Engineer Pvt. Ltd, Sidcul District- Haridwar During unloading of the cylinders at about 1554hrs, an oxygen cylinders burst into pieces killing two persons, driver & cleaner of the vehicle on the spot and injuring three persons, One of the injured died in the hospital.

3. **Date: 15.05.2019 Place: Dist. Muzaffarnagar (U.P.)**

Killed- 03 Injured - 06

A fire incident occurred at M/s Mittal Vessles, Dist. Muzaffarnagar (U.P.) during degassing of LPG cylinders, most probable source of ignition for this accident is spark generated during removal of V.P. ring and foot ring in the area.

4. **Date: 12.09.2019 Place: Dist. Unnao (U.P.)**

Killed- 00 Injured - 05

A fire/ Explosion incident occurred at M/s HPCL bottling plant , Dist. Unnao (U.P.), A Sudden leakage started from the vessel from excess flow valve due to detachment of unloading arm assemble. The probable cause of accident is under investigation.

PETROLEUM ACT, 1934

Under Petroleum Rules, 2002

1. **Date: 07.01.2020** **Place: M/s IOCL Mathura refinery, Dist. Mathura (U.P.)**
Killed- 01 **Injured - 05**

An explosion incident occurred at M/s **IOCL Mathura refinery, Dist. Mathura (U.P.)** in **ETP sump**, during hot work adjacent to sump, while replacing new line spool of spent caustic pipeline. The Probable cause of accident is under investigation.

2. **Date: 08/10/2019** **Place: Village - Padrauna District: Kushinagar**
Killed -Nil **Injured: 0**

An accident occurred in retail out of M/s HPCL situated at Pudrauna Distt Kushinagar on 08/10/2019 in a dispensing unit. During the visit it was gathered that one of the dispensing unit (MS) was not functioning. In order to resume petrol dispensing operation the faulty dispensing unit was replaced with new dispensing unit. After installation of new dispensing unit and as soon as it is energize, a fire broke out inside the D.U. compartment and flames arise for few minutes. The pump crew immediately used fire extinguisher and put off the fire.

3. **Date: 16/01/2020** **Place: Village- Balrampur**
Killed: 0 **Injured: 0**

An accident occurred in Co2 tanker having registration no. UP-47-T- 3325 owned by M/s. Kohli Carbonics stationed in the premises of M/s Balrampur Chini Mills Balrampur. It was informed by the eye witness that a lightening strike took place in the night of 16.01.2020 at 11:55 pm on tanker and a sudden leak was developed through the manhole flange resulting into manhole cover was blown off from the tanker . Due to sudden release of pressure the tanker moved around 34 mts. to the front side, hitting and damaging the near by pump pipe line and other structure. However the cause of accident is under investigation.

4. **Date: 08/10/2019** **Place: Padrauna District: Kushinagar**

Killed: 0 **Injured: 0**

An accident occurred in retail out of M/s HPCL situated at Padrauna Distt Kushinagar on 08/10/2019 in a dispensing unit. During the visit it was gathered that one of the dispensing unit (MS) was not functioning. In order to resume petrol dispensing operation the faulty dispensing unit was replaced with new dispensing unit. After installation of new dispensing unit and as soon as it is energized, a fire broke out inside the D.U. compartment and flames arise for few minutes. The pump crew immediately used fire extinguisher and put off the fire.

5. **Date: 16/01/2020** **Place: Village- Balrampur**

Killed: 0 **Injured: 0**

An accident occurred in Co2 tanker having registration no. UP-47-T- 3325 owned by M/s. Kohli Carbonics stationed in the premises of M/s Balrampur Chini Mills Balrampur. It was informed by the eye witness that a lightning strike took place in the night of 16.01.2020 at 11:55 pm on tanker and a sudden leak was developed through the manhole flange resulting into manhole cover was blown off from the tanker. Due to sudden release of pressure the tanker moved around 34 mts. to the front side, hitting and damaging the near by pump pipe line and other structure. However the cause of accident is under investigation.

6. **Date: 24/09/2019** **Place: Sidcul District- Haridwar**

Killed: 03 **Injured: 02**

On 24.09.2019 at about 1554hrs, An oxygen cylinder exploded at M/s Sues Driplex Water Engineer Pvt. Ltd, Sidcul District- Haridwar During unloading of the cylinders at about 1554hrs, an oxygen cylinders burst into pieces killing two persons, driver & cleaner of the vehicle on the spot and injuring three persons, One of the injured died in the hospital. Preliminary accident investigation report was sent to CCE, Nagpur & Jt. CCE, Agra and final investigation report was sent to Joint Chief Controller of Explosives, Agra.

NORTH CIRCLE, FARIDABAD

A. EXPLOSIVES ACT, 1884

A.1 Explosives Rules, 2008

- 1. Dated: 15/02/2020 Place: M.I.Road, Jaipur,
Killed: Nil Injured: NIL**

A Fire accident was occurred on 15/02/2020 at 1.44 PM at fireworks premises at Shop No. 23, Indira Market, M.I.Road, Jaipur covered under Licence No. Nyay/ Group-1/10/Expl/Uttar/142 in form 24 under Explosives Rules 2008.

The exact cause of accident is under investigation. But it was gathered that the shop owner was used to display the working of unauthorized fireworks (generally called cold fireworks comprised of fuse head and of the type ignited by remote) in the close vicinity of the shop floor to proof its quality to his customers. The final report is under process.

GAS CYLINDER RULES 2016

- 1. Date: 24.07.2019 Place: M/s IGL premises located at Paschim Vihar, N. Delhi.
Killed: NIL Injured: One**

An accident took place in the CNG station of M/s IGL covered under Licence No. G/HO/DL/07/43(G19398), located at Paschim Vihar, New Delhi on 24.07.2019, wherein one person was injured during accident. A team of officers visited the site of accident and investigated the accident. On perusal of CCTV footage of site of accident, investigation of site and interaction with persons present at the accident site, it appeared that three no. of refrigerant gas cylinders fitted on back side of driver cabin unauthorisedly and meant for storage of CNG connected through a pipeline with onboard CNG cylinders mounted on the vehicle, got exploded during filling of CNG into it, as the working pressure of the refrigerant gas cylinder was much less (26.71kg/sqcm²) as compared to working pressure of CNG cylinder.

2. **Dated: 09/06/2019 Place: Sumerpur- Pali Highway, Near Vill Kainpura, Dist Pali**
Killed: Nil Injured: NIL

A Fire accident occurred in a LPG Cylinder loading truck bearing Regn.No. RJ-19/GA-5990 on 09/06/2019 at Sumerpur- Pali Highway, Near Vill Kainpura, Dist Pali (Raj.)

The cause of accident is that the excessive heat produced due to the jamming of the break liners caused fire in the tyres, fire spread to the cabin and some leaky cylinders caught fire stacked near the cabin. Due to heat generated the cylinders started exploding, resulting to the accident.

PETROLEUM ACT, 1934

Petroleum Rules, 2002:

1. **Date: 24/02/2020 Place: Petroleum installation of M/s IOCL, Delhi.**

Killed: Nil Injured: NIL

On 24-2-2020, large number of people gathered on the nearby road during violence in Delhi. The crowd for unknown reasons started burning nearby shops vehicles etc. As per the eyewitness some un-identified members of the crowd had thrown some burning objects towards the petroleum service station which initiated fire in the premises and eventually the fire engulfed most part of the service station like sales building, canopy etc. The area of the petroleum service station was found cordoned off at the time of visit. Sales building canopy and some of the dispenser were completely burnt. The layout of the premises was not found tallying with the approved plan attached with the license. The above both licenses have been suspended.

2. **Date: 3/4/2019 Place: M/S HPCL Retail Outlet, Dungarpur District**
Killed: 01 Injured: 12

The cause of the accident is that the dip pipe cover of MS tank was opened for easy decantation of the petroleum products from tank truck. Vapours emanated from the

opened dip pipe accumulated in the chamber provided above the tank and travelled through an unsealed duct containing electric cables of submersible turbine pump to the electrical panel room. Vapours got accumulated inside the electric panel room and formed explosive mixture. This explosive mixture took spark from the loose and underrated electric cables in the electric panel leading to the explosion and fire.

3. Date: 31/08/2019 Place: Aklera-Jhalawar Highway Distt. Jhalawar

Killed: Nil Injured: NIL

A Fire accident occurred in a loading truck Regn.No. RJ-29/GA-6788 on 31/08/2019 at NH-52, Aklera-Jhalawar Highway Distt. Jhalawar carrying safety fuses along with cloth material.

The cause of the accident is that a bike rider accidentally hit the herd of cows due to poor visibility in the night. The bike lying on the road came under the wheels of the truck carrying safety fuse and skidded. Due to friction and the impact, the spark produced ignited the spilled petrol from the bike which in turn became a huge fire and completely engulfed the truck loaded with safety fuse and cloth material.

4. Date: 01/02/2020 Place: Vill. Asoda to Bhimsar Road, Saredi Badi, Distt. Banswara,

Killed: Nil Injured: NIL

A Fire accident occurred on 01/02/2020 at 8.15 PM at M/S IOCL retails outlet located at Village Asoda to Bhimsar Road, Saredi Badi, Teh.Gadi, Distt. Banswara.

The cause of the accident is that without assessing the intake volume, the excess amount of MS (Petrol) decanted in the underground MS tank which lead to spillage of MS around the tank and near the tanker. In order to remove tanker to a safer place the spark generated from the engine might have started the fire which engulfed the tanker and surrounding areas and caused accident.

SMPV Rules, 2016

1. Date: 16/09/2019 Place: National Highway no. 62, Near Gundoj, District Pali

Killed: Nil Injured: NIL

A LPG Tanker Regn.No. NL-01/AA-6894, Licence No. S/WC/GJ/04/4954 (S62104) was met with an accident on 16.09.2019 at National Highway no. 62, Near Gundoj District Pali. The vessel toppled and skidded on road. Small leakage from rotogage started but no fire occurred.

The Cause of the accident was detachment of the prime mover from the trailer chassis (breaking of contact pin) due to jerk generated by sudden brake applied to avoid collision with the cattle crossing the road. After dethatching the LPG vessel first hit the road then metal being cross barrier and the parapet wall on the side of the road and then toppled to the right side.

EAST CIRCLE, KOLKATA

A. EXPLOSIVE ACT, 1884

A.1 Explosives Rules, 2008

- Date: 29/11/2019 Place: M/s. Jagananath Sparklers, Distt. Jharsuguda, Odisha
Killed: 1 Injured: Nil**

Fire and explosion occurred in the chemical mixing shed no. 1 of M/s. Jagannath Sparklers situated at village Chualberna, PS Brajrajnagar, Distt. Jharsuguda, Odisha as a result of the fire and explosion, one labour Shri Sushant Dhurua, S/o. Ram Chandra Dhurua was charred to death on the spot. The chemical mixing shed/dripping shed no. 1 and shed no. 2 were totally razed to the ground.

A.2 PETROLEUM ACT, 1934

Petroleum Rules, 2002:

- Date: 20/09/2019 Place: Haldia, Dist. Purba Medinipur, W.B.
Killed: Nil Injured: 13**

A sudden flash fire occurred followed by pool fire due to sudden release of hydrocarbon vapours during repair of control valve (PCV-30002) fitted in first stage suction drum of Charge Gas Compressor, connected with flare header in the Naptha Cracking Unit of

Haldia Petrochemicals Ltd. A total 13 persons were injured during accident. Unsafe practices & inadequate safety measures appear to be sole reason for accident.

2. Date: 01/10/2019 Place: Patna, Bihar

Killed: Nil Injured: Nil

Petroleum leaked from tank/DU and mixed with water and got ignition, probably from a short circuit. Driver of the LPG tanker moved the tanker while loading arm was still connected at bay no. 08 of gantry 1 resulting in gas leakage. Liquid line valve with internal EFCV of the tanker completely uprooted. Internal Excess Flow Valve of the LPG tanker completely damaged.

3. Date: 06/10/2019 Place: Saguna, Patna, Bihar

Killed: Nil Injured: Nil

Fire was noticed at the fill point of the underground MS tank. Driver managed to bring the TT to the exit point of the RO where the TT completely engulfed into. Fire Accident occurred on 01.10.2019 at around 6-6.15 P.M. in the retail outlet at Rajendra Nagar, Patna, Bihar Lic. No. P/EC/BI/14/613(P44340) –

Brief Report: A fire accident occurred at the Retail outlet at around 6 – 6.15 PM on 01.10.2019. The area where the RO is situated was completely waterlogged and the RO was not in operation at the time of accident and was unattended. As per media reports, petroleum leaked from the RO and mixed with water. Suddenly a source of ignition probably sparks from a short circuit caused fire on the surface of water which engulfed two out of three dispensing units and an E-ricksaw parked nearby.

4. Date: 06/10/2019 Place: Saguna, Patna, Bihar

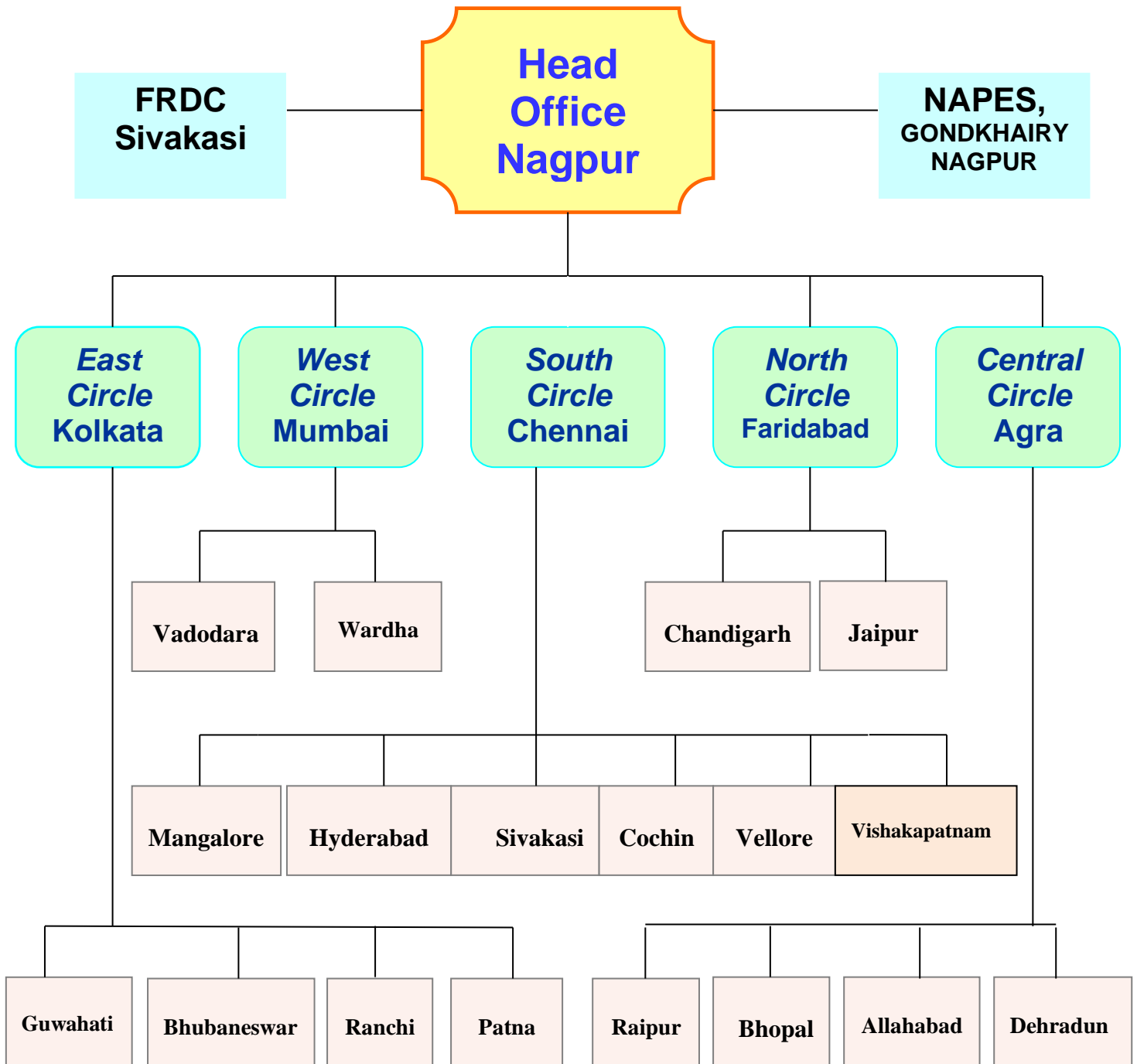
Killed: Nil Injured: Nil

An fire accident occurred at about 4.00 AM on 06.10.2019 at Retail Outlet bearing Lic. Nos. P/EC/BI/14/370(P42829) & P/EH/BI/11/4060(P161546)

A fire accident occurred at the retail outlet bearing licence no. P/EC/BI/14/370(P42829) valid up to 31.12.2020 during decanting of MS from a tank truck (Reg. No. BR02E7617) bearing licence no. P/EH/BI/11/4060(P161546) at around 4 AM on 06.10.2019 at the fill point of the underground MS tank. As soon as fire took place, the staff and helper shouted and told the driver to remove the truck tank from the

decanting location. The driver managed to do the same and brought the TT near the exit of the RO where the tank truck was completely engulfed into fire.

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. West Circle 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.)	Gujarat, Goa, Daman & Diu, Dadra and Nagar Haveli 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.	STD Code (022) 27564941(D) 27573881 EPABXNo- 27575946 Fax No.- 27575967
Sub-Circle Office				
02	Vadodara	Dy. Chief Controller of Explosives, 8 th Floor, Yash Kamal Building, Opposite M.S. University Sayajigunj, Vadodara – 390 020	Gujarat	STD Code (0265) 2361035, 2225159 Fax No.- 2225952
Factory Attached Office				
03	Wardha	Controller of Explosives, Plot NO 36 &37, Ward No 18, Rathi Layout, Rashtrabhasha Road,	Wardha, Yeotmal, Nanded, Bhandara, Gondia, Chandrapur, Gadchiroli of State	STD Code (07152) 245006 Fax No.- 230370

		Wardha 442001 (M.S.)	of Maharashtra	
C.	East Circle	E-mail : jtceekolkata@explosives.gov.in		
01	Kolkata	The Joint Chief Controller of Explosives, 8 Esplanade East, 1 st Floor, Kolkata 700069 (W.B.)	West Bengal, Bihar, Orissa, Assam, Manipur, Tripura, Arunachal Pradesh, Meghalaya, Mizoram, Sikkim, Nagaland, Andaman & Nicobar Islands	STD Code (033) 22480427, 22486600, 22489524, 22420686 Fax No.-22439322
Sub-Circle Office				
02.	Guwahati	Dy. Chief Controller of Explosives, House No. 216, 2 nd Floor, Above IDBI, Chandmari, Guwahati 781021 Dist. Kamrup (Metro) Assam	Assam, Manipur, Tripura, Nagaland, Arunachal Pradesh, Meghalaya and Mizoram (Covering all the North-Eastern States)	STD Code (0361) 2655144, 2652503 Fax No.-2652783 dycceguwahati@explosives.gov.in
Sub-Circle Office				
03.	Ranchi	Dy. Chief Controller of Explosives, 3 rd Floor, Sri Mohan Sita Compound, 5 Main Road, Behind Sushila Automobiles, Ranchi (Jharkhand,) Pin – 834001	Jharkhand state	STD Code (0651) 2332689, 2332690 Fax No.-2332688 dycceeranchi@explosives.gov.in
Sub-Circle Office				
04.	Bhubaneswar	Dy. Chief Controller of Explosives, F-35/A, BJB Nagar, Bhubaneswar-769 012 District Khurda, Odisha	Odisha	STD Code (0674) 2433370, 2433390 Fax No.- 2430656 dyccehub@explosives.gov.in
Sub-Circle Office				
05.	Patna	Controller of Explosives, 4 th Floor, 'F' Wing, Karpuri, Thakur Sadan, Ashiyana- Digha Road, Digha, Patna (Bihar) - Pin 800 025	Bihar	STD Code (0612) 2565914, 2565925 Fax No.-2565913 cepatna@explosives.gov.in
D.	South Circle	E-mail : jtcechennai@explosives.gov.in		
01.	Chennai	The Jt.Chief Controller of Explosives, A & D Wing, Block 1-8, Ind Floor, Shastri Bhavan, 26, Haddous Road, Nungambakkam , Chennai – 600 006 (TN)	Tamilnadu, Karnataka, Kerala, Andhra Pradesh, Pondicherry & the Lakshadweep islands	STD Code (044) Tel:, 28281041, Fax No.- 28514848
Sub-Circle Office				

02.	Ernakulam	The Dy.Chief Controller of Explosives, C 2, III rd Floor, CGO Complex, Opp. CSEZ, Kakkanad, Ernakulam, Kochi – 682 037	Kerala, Mahe in the Union Territory of Pondicherry and Lakshadweep.	STD Code (0484) Tel.: 2427286 Fax No.2427276
Sub-Circle Office				
03	Mangalore	The Dy.Chief Controller of Explosives, IInd Floor, City Centre Building, Opp. Hotel Roopa, Balmatta Road, Mangalore – 575001	Karnataka	STD Code (0824) 2420167, 2441588 Fax No.-2423937
Sub-Circle Office				
04.	Sivakasi	Dy. Chief Controller of Explosives, FRDC Complex, Near E.S.I. Hospital, Sivakasi West, Virudhunagar District, Tamil Nadu-626124	Districts of Ramanathapuram, Virudhunagar, Sivagangai, Madurai, Theni, Dindigul, Tirunelveli, Tuticorin, Thanjavur, Thiruvarur, Nagapattinam, Kanyakumari	STD Code (04562) 254353, 254253 Fax No.- 255233
Factory attached				
05.	Vellore	The Controller of Explosives, Pl. No. A2/118, Door No. 3,5 th East Cross Road, Gandhi Nagar Town Panchayut, Katpadi Taluk, Vellore District – 632 006 (TN)	T.E.L. Factory, Vellore Districts of Vellore, Thiruvannamalai, Dharmapuri Krishnagiri and Salem	STD (0416) 2241642 FaxNo.– 2242513
Sub-Circle Office				
06.	Hyderabad	Dy. Chief Controller of Explosives, Room No. 602, 6 th Floor, C.G.O. Towers, Kavadiguda, Secunderabad – 500 080, (A.P.)	Telangana State, Yenam in the Union Territory of Pondichery	STD (040) 27540359, 27547863 (D) Fax No. 27547803
07.	Visakhapatnam	Dy. Chief Controller of Explosives, Door No. 7-20-13, Kirlampudi Layout, (Near Andhra Uni. International Foreign Students Hostel, Visakhapatnam- 530 017 (A.P.)	Andhra Pradesh, Yenam in the Union Territory of Pondicherry	STD (0891) 2722258 Fax No. 2722259

E. Central Circle E-mail : jtceagra@explosives.gov.in

01.	Agra	Jt Chief Controller of Explosives, 63/4, A-Wing, 2 nd Floor, C.G.O. Complex, Sanjay Place, Agra 282 002 (U.P)	Uttar Pradesh and Madhya Pradesh, Uttaranchal and Chattisgarh	STD (0562) 2521322, 2850161, 2523244, 2523266 Fax No.- 2527436
Sub-Circle Office				
02.	Allahabad	Dy. Chief Controller of Explosives, Allahabad Kendriya Sadan(GPOA), 3 rd and 4 th floor, 34A, Mahatma Gandhi marg, Civil Lines, Prayagraj, UP- 211 001	Allahabad, Ambedkarnagar, Azamgarh, Balarampur, Ballia, Basti Bhadohi, Chandauli, Deoria, Faizabad, Ghazipur, Gonda, Gorakhpur, Jaunpur, Sant Kabirnagar, Kushambi, Kushinagar, Mirzapur, Mau, Mahrajganj, Pratapgarh, Shrawasti, SiddharthNagar, Sonbhadra, Sultanpur, Varanasi Districts of Uttar Pradesh	STD (0532) 2250329, 2441491 Fax No.- 2644964 Email: dycceallahabad @ explosives.gov.in
Sub-Circle Office				
03.	Bhopal	Dy. Chief Controller of Explosives, 'E-7/41, Ground Floor & 1 st Floor, Lala Lajpat Rai Society, Arera Colony, Bhopal – 462 016 (MP)	State of Madhya Pradesh	STD (0755) 2420775, 2445270 Fax No.- 2429997 email: dyccebhopal@explosives.gov.in
Sub-Circle Office				
04.	Dehradun	Controller of Explosives, 42 /1, Indira Nagar, Near Asian School, Dehradun (Uttarakhand) – 248006	State of Uttarakhand	STD (0135) 2769780 Fax No.-2769794 email: cedehradun@explosives.gov.in
05.	Raipur	Controller of Explosives, Avanti Vihar Colony, Main Road, Near Nala, Post Shankar Nagar, Raipur (Chhattisgarh) Pin – 492007	State of Chhattisgarh	STD (0771) 2442204 Fax No.- 2442204 email: ceraipur@explosives.gov.in

F. North Circle E-mail : jtcefaridabad@explosives.gov.in

01.	Faridabad	Jt Chief Controller of Explosives, Hall No 502 & 507, Level-5, Block-B, Old CGO Complex, NH-4, Faridabad – 121001 (Haryana)	Haryana, Delhi, Rajasthan, Chandigarh, Punjab, Himachal Pradesh and Jammu & Kashmir.	STD (0129) 2410730, 2410732, 2410731, 2421388 Fax No.- 2410733
Sub-Circle Office				
02.	Chandigarh	Dy. Chief Controller of Explosives, S.C.O. (shop cum office building) 802, Second Floor, NAC, Manimajra, , Chandigarh- 160101 S.C.O. (shop cum office building), 1134/1135, Sector 22/B, Chandigarh- 160 022	Chandigarh, Punjab, Himachal Pradesh and Jammu & Kashmir	STD (0172) 2731035, 2731036 Fax No.- 2731040 dccechandigarh@explosives.gov.in
Sub-Circle Office				
03..	Jaipur	Dy. Chief Controller of Explosives, Amrapali Road, Near Power House, Vaishali Nagar, Jaipur 302 021 (Raj.)	Rajasthan	STD (0141) 2356731, 2356781 Fax No.- 2350279 dccejpr@explosives.gov.in

G.

Departmental Testing Station

01.	Gondkhairy	Dy. Chief Controller of Explosives, Departmental Testing Station, 18 K.M. Stone, Amravati Road, Post Gondkhairy, Via Wadi, District:Nagpur- 440023(M.S)	Nagpur and Amravati (for inspection only)	STD (07104) 280374, 280305 Fax No.- 280565
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H. FRDC

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
I.	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

**SANCTIONED STRENGTH OF OFFICERS & STAFF
OF THE ORGANIZATION**

Sl. No.	Name of the post	HO	DTS	FRDC	CHEN	KOL	FBD	Agra	MUM	Sub Circle offices	TOTAL
1	Chief Controller of Explosives	1	0	0	0	0	0	0	0	0	1
2	Jt. Chief Controller of Explosives	2	0	0	1	1	1	1	1	0	7
3	Dy. Chief Controller of Explosives	4	0	1	1	1	1	1	1	13	23
4	Controller of Explosives	6	1	1	5	4	4	4	5	16	46
5	Dy. Controller of Explosives	2	1	2	7	6	3	4	6	29	60
6	Accounts Officer	1	0	0	0	0	0	0	0	0	1
7	Administrative Officer	1	0	0	0	0	0	0	0	0	1
8	Private Secretary	1	0	0	0	0	0	0	0	0	1
9	Hindi Officer	1	0	0	0	0	0	0	0	0	1
10	Senior Technical Assistant	0	3	2	0	0	0	0	0	0	5
11	Senior Hindi Translator	1	0	0	0	0	0	0	0	0	1
12	Steno – I	4	0	0	1	1	1	1	2	0	10
13	Superintendent	4	0	0	3	3	3	3	3	0	19
14	Assistant	9	1	0	2	2	3	2	2	13	34
15	Lib. Assistant	1	0	0	0	0	0	0	0	0	1
16	Accountant	1	0	0	1	1	1	1	1	0	6
17	Upper Division Clerk	12	2	1	9	8	4	5	9	21	71
18	Lower Division Clerk	18	1	1	5	3	3	4	4	19	58
19	Steno-II	2	1	0	1	1	1	1	1	13	21
20	Steno-III	1	0	1	2	1	1	1	1	13	21
21	Jr. Technical Assistant	0	4	2	0	0	0	0	0	0	6
22	Jr. Hindi Translator	0	0	0	1	1	1	1	1	0	5
23	Driver	2	1	1	1	1	1	1	1	13	22
24	MTS/ Group D	10	5	4	5	5	4	5	5	16	59
	TOTAL A+B & C	84	20	16	45	39	32	35	43	166	480

Production of different types of explosives during last 5 years

Description	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Class 1 Gun Powder (Metric Tonnes)	552.165	662.038	684.914	527.802	605.963
Class 2 Cartridges	378989.957	409488.873	475957.172	554594.116	519111.373
Site Mixed Explosives (Metric Tonnes)	762850.379	802238.108	844193.966	852780.114	896284.821
Class 3 Div 1 (Nitro Glycerin)	Nil	Nil	Nil	Nil	Nil
Class 3 Div-2 Booster and PETN* (Metric Tonnes)	7996.384	9079.647	9207.044	10640.802	10598.265
Class 6 Div 1 Safety Fuse (Million meters)	61	53.26	58.952	45.529	35.01
Class 6 Div 2 Detonating fuse (Million mtrs)	479.6	612.828	674.976	722.895	754.22
Class 6 Div 3 Detonators (million no.)	969	1120.731	983.962	1095.403	1177.20

*PETN- Penta Erythritol Tetra Nitrate

Production of Ammonium Nitrate during last 3 years

Description	2016-17	2017-18	2018-19	2019-2020
Ammonium Nitrate (Solid) (in MT)	336,587.38	384,686.75	452,939.15	380889.4
Ammonium Nitrate (Melt) (in MT)	286,800.29	334,570.73	359,075.44	351852.9

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 2019-2020 was **Rs. 685.63 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 2019-2020, **558** Nos. of licenses were granted in favour of Indian explosives manufactures for exportation of authorized explosives manufactured by them. **53** Nos. of licenses also granted for exportation of **52353 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 2019-2020, **141** Nos. of licenses were issued for importation of explosives. The value of explosives imported was Rs. **39.05** Cores. **145** Nos. of licenses also granted for Import of 530642 MT of Ammonium Nitrate.

Year	Value of Export of Explosives (Rs in Crores)	Value of Import of Explosives (Rs in Crores)
2015-16	573.31	55.13
2016-17	718.01	257.25
2017-18	510.95	49.45
2018-19	659.88	71.19
2019-20	685.63	39.05

Licenses issued for Import and Export of Explosives

Year	Licenses Granted for Export of Explosives	Licenses Granted for Import of Explosives
2015-16	377	110
2016-17	371	176
2017-18	510	149
2018-19	515	129
2019-20	558	141

ANNEXURE-VI

DESTRUCTION OF EXPLOSIVES DURING THE YEAR 2019-2020

Class-1	1.5 kgs
Class-2	97333.33 kgs
Class-3 Dvi.2	72 kgs
Class 6 Div.1(Meters)	114508.7
Class 6 Div.2	136846.14
Class 6 Div.3	378574
Class 7 Div.2	6754 kgs
Class 7 Div.3	6766
Ammonium Nitrate	5560 kgs

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

A Comparative statement of production of Cylinders, Valves & Regulators during 2017-18 & 2018-19 & 2019-2020 are given below.

Sr. No.	Items Manufactured	Nos. Manufactured During the Years		
		2017-18	2018-19	2019-20
01.	Welded load Carbon steel Gas Cylinders For	2,29,29,970	2,71,15,964	3,25,39,157
02.	Seamless Steel Cylinders for Permanent & high pressure Liquefiable Gas	11,01,672	14,12,136	13,33,559
03.	Valve for :			
	a. LPG Cylinders	3,06,68,491	3,87,51,836	4,65,02,203
	b. Other Gas Cylinders.	3,38,731	4,02,475	4,82,970
	Total (a + b)	3,10,07,222	3,91,54,311	4,69,85,173
04.	Low Pressure LPG Regulators.	1,50,70,014	2,68,24,064	3,21,88,877

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 2019-20, **1113 Licenses** were granted to cover importation of **46,051** cylinders filled with various gases/ gas mixtures, **1,05,979** numbers empty Cylinders for filling with compressed gases including empty CNG cylinders for automobiles use. Total **1106** cylinders filled with various gases/ gas mixtures were also imported by air.

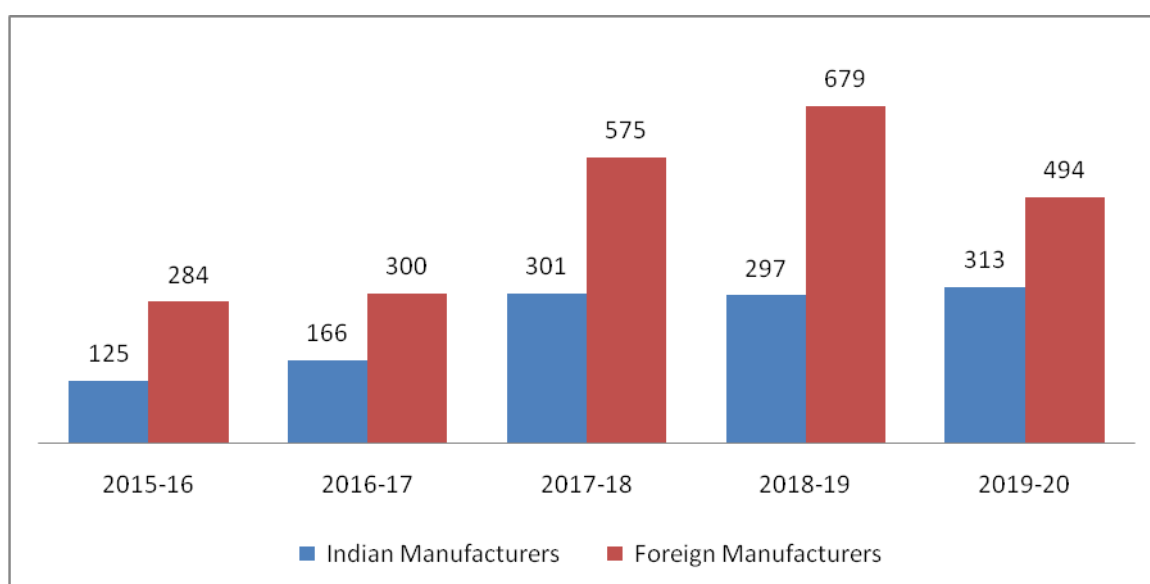
EXPORT OF COMPRESSED GAS FILLED IN CYLINDERS

During the year **62,347** empty cylinders/containers were imported & re- exported duly filled with gas.

ANNEXURE-VIII

Year Wise Approval to Ex-Electrical Apparatus Manufacturers

Sr. No.	Year	Indian Manufacturers	Foreign Manufacturers
2	2015-16	125	284
3	2016-17	166	300
4	2017-18	301	575
5	2018-19	297	679
6	2019-20	313	494



LIST OF MANUFACTURERS OF LPG VALVES FITTINGS

(Approved during 01.04.2019 to 31.03.2020)

Sl.No.	Name
1.	M/s. Arpit Industries, Plot No. 5, Arya Estate Haria College Road, Bh. Over Bridge, Jamnagar – 361 006.
2.	M/s. ASAP Engineering, 2 nd Floor, Flat No. 201, Sterling Point, Amber Cinema Road, Jamnagar -361002.
3.	M/s. Gasco Cylinders Pvt. Ltd., (Unit-II), J-4/5, Radha Krishna Apartment, Khirki Extension, Malviya Nagar, New Delhi – 110 017.
4.	M/s. UTX Enterprises, Plot No. 63, Sector 6, IMT Manesar, Gurugram – 122050 (Haryana).
5.	M/s. Kamnath Engineers, Vavdi Survey No. 31, Plot No.13, Near Satyanarayan Weigh Bridge, Poonam Dumpers Street, B/H Tata Motor, Gondal Road, Vavdi, Rajkot – 360 004
6.	M/s. Prabha Electronics Pvt. Ltd., 136-140/61, Phase-I, Industrial Area, Chandigarh
7.	M/s. Salico Trading Co. Pvt. Ltd., Plot No. 242, Phase-1, Indl. Area, Chandigarh
8.	M/s. Shree Marutinandan Engineers, Plot No. D, Block No. 60, Survey No. 37/1, Beside Paramount Looms, Nr. Sahyog Hotel, Karanj-Mandvi, Surat – 394 230 (Gujarat).

LIST OF MANUFACTURERS OF WELDED LPG CYLINDERS

(Approved during 01.04.2019 to 31.03.2020)

Sl.No.	Name
1.	M/s. Silica Infotech Pvt. Ltd., MUP-II, N.S. 12(P), Gidha Industrial Area, Ara, District Bhojpur, Bihar
2.	M/s. Sai Globe Packaging, Unit II, Khasra No. 122/48, Central Hope Town,

	Near Shri Balaji Industries, Selaqui, Dehradun – 248 011, Uttarkhand.
3.	M/s. RSR Cylinder LLP, Kila No. 151/22/1, 11-B, Village Ismala, Sampla, Distt. Rohtak – 124501 (Haryana)
4.	M/s. R.J. Cylinder Industries, R.K. Path, Itachali, Nagaon – 782 001 (ASSAM).
5.	M/s. Faboca Metals Pvt. Ltd., Khasra No. 59/9, Gharghoda Road, PO Gerwani, Dist. Raigarh – 496 001 (<u>Chattisgarh</u>)
6.	M/s. Bravo Erection Pvt. Ltd., Muneshwari Bhawan, Contractors Area, Bistupur, <u>Jamshedpur – 831 001.</u>
7.	M/s. Bisco Steel Udyog Pvt. Ltd., 1 st Floor, Santokh Mansion, R Road, Bistupur, Jamshedpur, Dist. East Singhbhum, Jharkhand – 831 001
8.	M/s. Bihariji Pressure Vessels Pvt. Ltd., Plot No. 63, (Shed No.1), Industrial Area, Sector –A, Zone D, Mancheswar Industrial Estate, Bhubaneswar – 751010 (Odisha).

LIST OF MANUFACTURERS OF LPG REGULATORS

(Approved during 01.04.2019 to 31.03.2020)

Sl.No.	Name
1.	M/s. Al Fais Products, Near PWD House, Bulandshahar Road, Hapur – 245 101 (UP).
2.	M/s. Baghel Home Appliances, J-3097, DSIIDC Indl. Area, Narela, <u>Delhi – 110 040.</u>
3.	M/s. Hari Engineering Works (Unit II), Plot No. 2328, MIE Part B, Bahadurgarh – 124 507, Dist. Jhajjar (Haryana).
4.	M/s. Hind Engineering,

	Plot No. 2309, MIE, Part-B, Urban Estate, Bahadurgarh, <u>Jhajjar – 124 507 (HARYANA)</u>
5.	M/s. SK LPG Appliances, Shade No.17, SFS Category-II, DSIDC Area, Main Rohtak Road, Nangloi, <u>Delhi – 110 041.</u>
6.	M/s. UTX Enterprises, Plot No. 63, Sector 6, IMT Manesar, <u>Gurugram – 122050 (Haryana).</u>
7	M/s. Eco Green, Shop No 10/11, Shree Yamuna Chs, Mahavir Nagar, Kandivali (West), Mumbai - 400067

ANNEXURE-X

LIST OF APPROVED PRESSURE VESSEL FABRICATOR

(Approved during 01.04.2019 to 31.03.2020)

Serial No.	Name of company (2019 - 2020)	Approval No. & date
1	M/s. PRAJ INDUSTRIES LIMITED (UNIT-II), Plot No. 282 to 286 and 294 to 298,, Sector-IV , Kandla Special Economic Zone (KASEZ), Gandhidham, District: KUTCH State: Gujarat PIN: 370230	A/S/HQ/GJ/PVM/31 (S95950) Dated 03/02/2020
2	M/s. INOX INDIA PVT. LTD., 9TH FLOOR, KP PLATINA,, RACE COURSE Vadodara, Vadodara, State: Gujarat PIN: 390007	A/S/HQ/GJ/PVM/32 (S96202) Dated 03/02/2020
3	M/s. VIJAY TANKS & VESSELS (P) LIMITED, National Highway No.8 Sankarda,, VADODARA SANKARDA, District: VADODARA State: Gujarat PIN: 391350	A/S/HQ/GJ/PVM/29 (S95622) Dated 28/08/2019
4	M/s. Globe Gas Equipments Industry Pvt. Ltd, F86, 3&4, Additional MIDC, Ambarnath East, Dist Th, Ambarnath, Taluka: Ambarnath, District: THANE State: Maharashtra PIN: 421501	A/S/HQ/MH/PVM/57 (S94313) Dated 15/05/2019
5	M/s. ATV PROJECTS INDIA LIMITED, NH-2, Delhi-Agra By Pass Road, Krishna Nagar, Mathura, District: MATHURA State: Uttar Pradesh PIN: 281004	A/S/HQ/UP/PVM/12 (S92410) Dated 17/06/2019

6	M/s. GASSOL Solutions Pvt. Ltd, 6-32C, Betkeri Road, Moodbidri - 574227, Dakshin, F-3, 1st Floor, Empire Mall, M. G. Road, Mangalor Moodbidri, Moodbidri, Taluka: Moodbidri, District: DAKSHIN KANNADA State: Karnataka PIN: 574227	A/S/HQ/KA/PVM/3 (S93181) Dated 06/08/2019
7	M/s. PHILS HEAVY ENGINEERING PVT. LTD, A-805, O2 CORPORATE BUSINESS PARK, OPP. ASHA NAGAR, Mumbai, Taluka: Mumbai, District: MUMBAI State: Maharashtra PIN: 400080	A/S/HQ/MH/PVM/64 (S93343) Dated 21/11/2019

ANNEXURE-XI

Explosives Manufacturing during 01.04.2019 to 31.03.2020 (Before 01/04/2019 = 157)

S. No.	Licence No. (Doc No)	Licensee Name	Site State
1	E/HQ/MH/20/104(E119998)	M/s. C DET Explosive Industries Pvt. Ltd.	Maharashtra
2	E/HQ/TG/20/95(E113594)	M/S. HBL POWER SYSTEMS LIMITED	Telangana
3	E/HQ/TG/20/96(E104032)	M/s. Salvo Explosives & Chemicals Pvt. Ltd.	Telangana
4	E/HQ/TG/20/98(E85923)	M/s. Nallabolu Industries Pvt. Ltd.	Telangana
5	E/HQ/TG/20/97(E102207)	M/s. Premier Explosives Limited	Telangana
6	E/HQ/UC/20/13(E103182)	M/s. Narendra Explosives Limited	Uttarakhand
7	E/HQ/UC/20/14(E125836)	M/s. Rajesh Explosives Pvt. Ltd.	Uttarakhand

Explosives SME Licences granted during 01.04.2019 to 31.03.2020

S. No.	Licence No. (Doc No)	Licensee Name	Site State
1	E/HQ/AP/SM/26(E113583)	The Andhra Pradesh Mineral Development Corporation limited	Andhra Pradesh
2	E/HQ/CG/SM/29(E114812)	M/s. UltraTech Cement Limited	Chhattisgarh
3	E/HQ/CG/SM/28(E113135)	M/s. Salvo Explosives & Chemicals Pvt. Ltd.	Chhattisgarh

4	E/HQ/KA/SM/5(E120053)	M/s. JK Cement Works	Karnataka
5	E/HQ/MG/SM/1(E88721)	M/s. Lafarge Umiam Mining Pvt. Ltd.	Meghalaya
6	E/HQ/MH/SM/16(E64668)	The Sub Area Manager, Durgapur Open Cast Project	Maharashtra
7	E/HQ/MP/SM/26(E116475)	M/s. Regenesis Industries Pvt. Ltd.	Madhya Pradesh
8	E/HQ/RJ/SM/21(E123733)	M/S. Associated Soapstone Sisributing co P L	Rajasthan
9	E/HQ/RJ/SM/20(E113162)	M/S. Indian Explosives Private Limited	Rajasthan
10	E/HQ/TG/SM/27(E88082)	M/s. Stranex Industries Pvt. Ltd.	Telangana

Explosives ANFO Licences granted during 01.04.2019 to 31.03.2020

Sr. No.	Licence No. (Doc No)	Licensee Name	Site State
1	E/EC/JH/38/75(E125511)	M/s Rahul Metals	Jharkhand
2	E/EC/JH/38/76(E125444)	M/s RAJAN STONE WORKS	Jharkhand
3	E/SC/KL/38/22(E91313)	Sh. Thomas Mathai	Kerala
4	E/CC/MP/38/44(E116774)	M/s RADHARANI TRADERS Partners Shri Uma Shankar Dwivedi, shri Kamlesh Sharma & S	Madhya Pradesh
5	E/EC/OR/38/54(E120159)	M/s Yougamaya Explosives	Odisha
6	E/EC/OR/38/53(E124511)	M/s Saibaba enterprises	Odisha
7	E/CC/UP/38/10(E112053)	M/s. Rishabh Stone Crushing Industries Prop. Sushil Parecha	Uttar Pradesh
8	E/CC/UP/38/11(E113704)	M/s.PITAMBRA GRIT UDYOG Partners Shri Amit Singh,Smt.Chandraprabha & Smt.Sonal Singh	Uttar Pradesh
9	E/CC/UP/38/9(E95905)	M/s. AJAY ENTERPRISES	Uttar Pradesh

ANNEXURE-XII

TESTING OF PETROLEUM VESSELS IN 2019-2020

The Officers of the Organization have issued total 6592 gas free certificates during the year 01.04.2019 to 31.03.2020 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 2019-20, officers of the Organization attended law courts on **83** 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 01/04/2019 TO 31/03/2020

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	0.664233	0.65	0.014705	0	0.014697	0	0	0
2	IOCL Panipat	15.038	15	0.7568	0	0.756	0	0	0
3	IOCL, Guwahati	0.892	1	0.04244	0	0.042574	0	0	0
4	IOCL Paradip	15.778	15	1.1654	0	1.1654	0	0.404676	1634
5	IOCL, Barauni	6.515	6	0.392	0	0.392	0	5.787782	24876.89
6	IOCL, Haldia	6.463	8	0.241	0	0.2418	0	2.15	657.68
7	IOCL, Vadodara	13.07474	13.7	0.4408	0	0	0	0	0
8	IOCL, Mathura	8.948	8	0.463	0	0.462	1	0	0
9	IOCL, Bongaigaon	2.0448	2.35	0.051557	0	0.0523	0	0.1245	69.98
10	HPCL, Mumbai	8.652	7.5	0.399	0	0.3989	0	0.419	1659.84
11	HPCL, Visakh	9.115	8.3	0.3842	0	0.3833	4	1.237	4425.69
12	Nayara Energy Limited	20.62	20	0.972284	0	0.971667	0	0	0
13	BPCL, Kochi Refinery	16.515	15.5	1.06795	0	1.06645	0	0	0
14	CPC Limited, Cauvery Basin Refinery	0	0.360285	0.002097	0	0.002295	0	0	0
15	CPCL, Manali	10.1606	10.5	0.360285	0	0.360911	5	1.0277	3653.8
16	Numaligarh Refinery Ltd., Assam	2.383	3	0.042653	0.005911	0.04646	0	0.0413	165.11
17	RIL, Jamnagar, SEZ Refinery Division	38.572	35.2	1.064	0	1.064	0	34222	133070.41
18	RIL, DTA	32.06	33	0.597	0	0.597	0	7597	28945.33

19	MRPL, Limited	13.953	15	0.8113	0	0.809556	0	3.631962	13897.28
20	HPCL Mittal Energy Ltd.	12.242	11.3	0.880885	0	0.881297	0	0.036633	139
21	Bharat Oman	7.912906	7.8	0.257321	0	0.258081	0	0	0
22	ONGC Limited, Hazira, Surat	0	0	0.54	0	0.5385	1	0	0
	Total	241.6033	237.16029	10.946677		10.505188	11	41833.86	213195.01