

2018-2019



Petroleum & Explosives Safety Organisation



*O/o Chief Controller of Explosives,
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Seminary Hills, Nagpur-440 006.*

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

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INTRODUCTION

The Petroleum and Explosives Safety Organisation (PESO), formerly known as Department of Explosives, since its inception on 05/09/1898, 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 **109** 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
Jt. Chief Controller of Explosives (HOD)

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 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. necessitated 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.

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, **28** posts of Group 'A' and 74 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 organizations 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

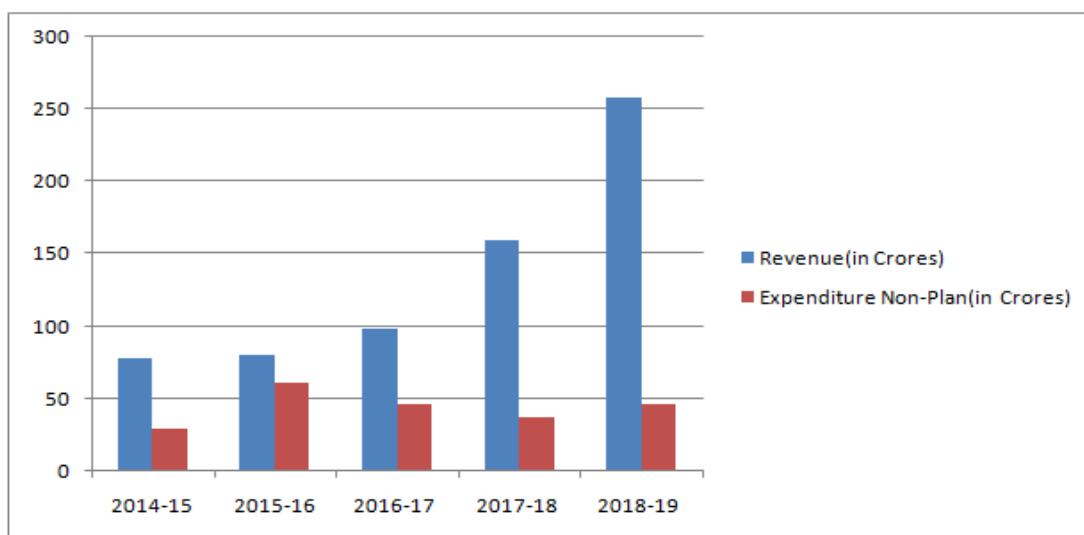
During the year 2018-19 (B.E.), budget granted for establishment was Rs. 47,17,00,000 and upgradation of organization was Rs. 29,99,00,000 During the year, the expenditure for establishment was Rs 46,78,56,481 and upgradation of organization was Rs.24,65,24,177.

4.3 REVENUE

During the year 2018-19, the organization earned revenue of Rs 258,28,25,305/- on account of fees for the services rendered under various acts and rules which includes Rs. 128,80,49,439/-under Explosives Act and Rs. 129,47,75,866/- 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 are as below:

Year	Revenue(in Crores)	Expenditure Non-Plan(in Crores)
2014-15	78.05	28.88
2015-16	80.58	60.92
2016-17	98.32	46.00
2017-18	159.14	37.518
2018-19	258.28	46.79



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

5.1 NAPES & DTS

(1) INTRODUCTION

National Academy for Petroleum & Explosives Safety and Testing Station of the Petroleum and Explosives Safety Organization has been set up for carrying out necessary statutory tests for administration of Explosives Act, 1884 and Petroleum act, 1934 and Rules framed there under. 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) Conducting training programmes for officers and staff members of the PESO & Stake Holders.

(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

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

1) **Testing of explosives:-**

i)	Explosives Class 1 (Gun Powder)	-	Nil
ii)	Explosives Class 2	-	145
iii)	Explosives Class 3 Div 2	-	10
iv)	Explosives Class 6 Div 1 (Safety Fuse)	-	02
v)	Explosives Class 6 Div 2 (Detonating Fuse)	-	41
v)	Explosives Class 6 Div 3 (Detonators)	-	254
vii)	Explosives Class 7 (Fire Works)	-	353
viii)	Explosives Class 7 (Fire Works)	-	03

2) **Testing of packages of explosives and fireworks-**

i)	Samples for new approval	-	24
ii)	Samples drawn by circle/sub circle offices	-	71

3)	Safety Fittings Containers / Barrel	-	44
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(d)	UN Classification Test	-	Nil
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(e)	Authorization of Explosives: -	-	16
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(f)	Shot Firer's		
	a. Certificate Granted	-	23 Nos.

(g)	Police Exhibit Cases:-		
	Received cases	-	03
	Attended cases	-	03

(h) **Inspections:-**

(a). Premises covered under licence

Under Explosives Act, 1884	No. of premises inspected during the period from April, 2018 to 31 March, 2019
(i) Explosives Rules,2008	
Category A	14
Category B	2
Category C	539
(ii) Ammonium Nitrate Rules, 2012	1

(iii) GCR-2004 Category-A	-
Category B	1
Category C	21
(iv) SMPV (U) Rules,1981 Category-A	08
Category B	-
Category C	-
TOTAL (1)	585
Under Petroleum Act, 1934	
(i) Under Pet. Rules 2002	
Category A	-
Category B	-
Category C	06
(ii) Calcium Carbide Rules	-
(iii) Cinematography Film Rules 1948	-
TOTAL (2)	06
Total (1) + (2)	591

(4) **ADMINISTRATION, BUDGET, REVENUE, EXPENDITURE & INFRASTRUCTURE:-**

Head	Budget Allocation (in Rupees)	Total Expenditure
Salary	1,73,00,000/-	1,72,46,649/-
O.E.	36,70,000/-	36,49,344/-
T.E.	3,00,000/-	2,71,234/-
RRT	Nil	Nil
FTE	2,00,000/-	1,69,188/-
Minor Works	1,39,00,000/-	1,27,75,865/-
Plan	33,00,000/-	32,68,170/-
Wages	Nil	Nil
Medical	3,50,000/-	4,27,732/-
OTA	Nil	Nil
Publication	16,000/-	15,267/-
Total	3,90,36,000/-	3,78,23,449/-

Total Revenue received - Rs. 98,80,600/-

Total Expenditure - Rs. 3,78,23,449/-

Total Receipts - 1009

Total Dispatch - 1922

(5) **HUMAN RESOURCES IN THE NAPES & TS:-**

- (a) The following officers and staff members were deputed to attend and got benefited by following training program.

Sl. No	Name of officer	Design.	Organized By	Topic	Duration of Course		Place	Type of Training /Seminar
1	J.N. Mishra	Dy.C E	NIFM	GeM, PFMS & GFR	24/09/2018	29/09/2018	Faridabad	Training
2.	J.N. Mishra	Dy.C E	NAPES &TS	Purchase through GeM Portal & GFR, 2017	27/09/2018	28/09/2018	Nagpur	Training
3.	A.D. Bawane	Acctt	NAPES &TS	Purchase through GeM Portal & GFR, 2017	27/09/2018	28/09/2018	Nagpur	Training
4.	A.M. Shende	Asstt.	NAPES &TS	Purchase through GeM Portal & GFR, 2017	27/09/2018	28/09/2018	Nagpur	Training
5	J.N. Mishra	Dy.C E	NAPES &TS	Capacity Building Programme for Dy. CE	08/10/2018	13/10/2018	Nagpur	Training
6.	H.P. Sangole	Dy.C E	NAPES &TS	Capacity Building Programme for Dy. CE	26/11/2018	01/11/2018	Nagpur	Training
7.	J.N. Mishra	Dy.C E	NAPES &TS	GPF & Pension Module through PFMS	22/02/2019	-	Nagpur	Training
8.	A.D. Bawane	Acctt	NAPES &TS	GPF & Pension Module through PFMS	22/02/2019	-	Nagpur	Training
9.	A.M. Shende	Asstt.	NAPES &TS	GPF & Pension Module through PFMS	22/02/2019	-	Nagpur	Training

(6) DEVELOPMENT OF NATIONAL ACADEMY

After creation of NAPES, following developmental works have been taken up during the financial year 2018-19.

1. Renovation of Administrative Building – First floor of the Admin Building comprising of Training Hall has been repaired and re-painted. Fall ceiling is provided to the ground and first floors.
2. Training Hall – New training hall of 50 seaters capacity has been created on the first floor. This hall is provided with 50 Nos. of new steel chairs and 6 Nos. of new Air Conditioners.
3. Electric Generator – 125 KVA DG set is installed so as to enable to conduct un-interrupted training programs for PESO officers and stakeholders.

4. Up-gradation of Electrical facilities – This work involves replacement of old electrical panels in the electric substation room, bus Trunking / cable from DG set to essential panels, installation of essential and non essential panels with MCCB, laying of XLPE aluminium underground cable etc. Old electrical un-concealed wirings were replaced by new concealed copper wirings in the administrative building.
 5. Fore court beautification – This work involves landscaping and gardening to both sides of approach road from main gate to main entrance gate of the premises and administrative building of NAPES. Part of this work is completed and actual work of tree plantation will be completed in ensuing rainy season of financial year 2019-20.
 6. Glow Sign Boards (LED) – 02 Nos. of glow sign boards were provided at suitable heighted locations for prominent display.
 7. Illumination - All existing HPSV lamps provided on the electric poles along the sides of internal road of NAPES premises were replaced by LED lamps which will result into considerable power saving in future.
 8. Compound Wall – Part of existing damaged or collapsed compound wall to the tune of 250 mtr in length was completely reconstructed to ensure security of the premises.
 9. Optical fibre line connection – OFL connection was obtained through BSNL which will enable NAPES to work online and to provide land line phone connections including Wi-Fi facility in the administrative building of National Academy
- Apart from the above, during the financial year 2018-19, this office has processed the proposals for the purchase of Compactor for storage of office files, Projector, Motorised Screen and Sound System for newly created first floor training hall, purchase of new office staff car, installation of CCTV cameras at strategic locations within the premises, VOD meter and Delay time measuring facility etc. However, above said proposals could not be materialized due to withdrawal of sanctioned budget at the end of financial year. These pending proposals will be proceeded in the financial year 2019-2020 in addition to proposed rain water harvesting project to mitigate water scarcity and solar panel installation projects to produce power to reduce electricity bill or sale excess power to state electricity board.

(7) **Highlights -**

- National Academy for Petroleum & Explosives Safety & Testing Station has started conducting training programme for PESO officials and stake holders since January, 2018 and released the Training calendar for calendar year 2018-2019 at the hands of Chief Controller of Explosives(HOD), Nagpur.
- A revenue of **Rs. 98,80,600/-** have been collected towards testing fees.
- 585 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 2018-2019 [Category A – 14 Nos., Category B- 02, Category C- 539 and Ammonium Nitrate 01 Nos.].

- **Training Programmes Conducted :-**

- 1) One Day training programme on “Safety during Handling of Explosives, Explosives Rules, 2008 and Testing of Explosives” for trainee officers of National Civil Defence College, Nagpur on 19/06/2018.

- 2) Two Day's Workshop on "Purchase through GeM Portal and GFR, 2017" for DDO's, Accountants and supporting staff of PESO from 27/09/2018 to 28/09/2018.
- 3) Workshop on "Safety during Storage Sale and Transportation of Fireworks in Festival Season "on 22/10/2018 for Fireworks shop licensees of Nagpur/ Amravati/ Wardha/ Bhandara/ Gondia/Gadchiroli/Buldhana/Akola and Chandrapur Districts.
- 4) Workshop on "Safety during Storage, Sale and Transportation of Fireworks in Festival Season "on 23/10/2018 for District Collector / Police Authorities and Revenue Authorities Officials of Nagpur/Amravati/Wardha/Bhandara/Gondia/Gadchiroli/ Buldhana/Akola and Chandrapur Districts.
- 5) One Day Workshop for "Fireworks Manufacturers" on 28/11/2018.
- 6) Six Day's Capacity Building programme for Dy. Controller of Explosives on 26/11/2018 to 01/12/2018.
- 7) One Day Workshop on "Safety in Manufacturing and Handling of PETN" on 06/12/2018.
- 8) One Day Training programme for LPG Tank Lorry of Drivers on "Safe Handling & Transportation of Flammable Compressed Gases in Road Tankers" connected to LPG Bottling Plants of M/s. IOCL, M/s. HPCL and M/s. BPCL of Maharashtra on 20/12/2018.
- 9) One Day Training programme for LPG Tank Lorry of Drivers on "Safe Handling & Transportation of Flammable Compressed Gases in Road Tankers" connected to LPG Bottling Plants of M/s. IOCL, M/s. HPCL and M/s. BPCL of Maharashtra on 21/12/2018.
- 10) Training programme for Petroleum Tank Lorry of Drivers on "Safe Handling & Transportation of Hazardous Petroleum products" connected to Depots of M/s. IOCL, M/s. HPCL and M/s. BPCL of Maharashtra on 26/12/2018.
- 11) Training programme for Petroleum Tank Lorry of Drivers on "Safe Handling & Transportation of Hazardous Petroleum products" connected to Depots of M/s. IOCL, M/s. HPCL and M/s. BPCL of Maharashtra on 27/12/2018.
- 12) One Day Workshop on "GPF & Pension PFMS Module" through PFMS for PESO Officers and Concerned Staff on 22/02/2019.
- 13) One Day Workshop on "Safety in Manufacturing and Handling of Detonating Fuse" on 12/03/2019.
- 14) One day training on "Explosives Rules, 2008 and Testing of Explosives" for Senior Military Officers, Naval Armament Depot Mumbai on 08/10/2018.
- 15) Six Day's Capacity Building programme for Dy. Controller of Explosives from 08/10/2018 to 13/10/2018.

78 PESO officers, 56 PESO Staff and 358 nos. of Stakeholders were given training on different subjects during 2018-19

(8) INITIATIVES AND INTERVENTIONS OF OFFICE :-

Due to the concerted efforts of officers of this office, this office could collect revenue of **Rs. 98,80,600/-** towards testing fees in the Financial Year 2018-2019. This office was in regular touch with Head Office and other circle and sub-circle offices to ensure timely collection of samples and realization of test fees.

(9) **FIELD WORKS AND CO-ORDINATION INCLUDING VISITS, MEETINGS, LECTURERS, COURT ATTENDANCE AND COMMITTEES ETC :-**

Lectures Delivered :-

- 1) Shri V.B. Borgaonkar, Dy. CCE has delivered lecture on “Safety During Handling of Explosives, Explosives Rules, 2008 and Testing of Explosives” at NAPES&TS to Senior Military Officers on 19/06/2018.
- 2) Shri H.P. Sangole, Dy. CE has delivered 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 22/10/2018.
- 3) Shri J.N. Mishra, Dy. CE has delivered lecture on “Safety During Storage Sale and Transportation of Fireworks in Festival Season” at NAPES&TS to Officials of District Collector / Police Authorities and Revenue Authorities of Nagpur / Amravati / Wardha / Bhandara / Gondia / Chandrapur / Gadchilori/ Bulthan and Akola Districts on 23/10/2018.
- 4) Shri H.P. Sangole, Dy. CE has delivered lecture on “Safe Handling and Transportation of Flammable Compressed Gases in Road Tanker” at NAPES&TS to LPG Road Tanker Drivers connected to LPG Bottling Plants of M/s. HPCL, M/s. BPCL and M/s. IOCL of Maharashtra State on 20/12/2018.
- 5) Shri J.N. Mishra, Dy. CE has delivered lecture on “Safe Handling and Transportation of Flammable Compressed Gases in Road Tanker” at NAPES&TS to LPG Road Tanker Drivers connected to LPG Bottling Plants of M/s. HPCL, M/s. BPCL and M/s. IOCL of Maharashtra State on 21/12/2018.
- 6) Shri H.P. Sangole, Dy. CE has delivered lecture on “Safe Handling and Transportation of Hazardous Petroleum Products” at NAPES&TS to Petroleum Tank Lorry Drivers connected to Depot of M/s. HPCL, M/s. BPCL and M/s. IOCL of Maharashtra State on 26/12/2018.
- 7) Shri J.N. Mishra, Dy. CE has delivered lecture on “Safe Handling and Transportation of Hazardous Petroleum Products” at NAPES&TS to Petroleum Tank Lorry Drivers connected to Depot of M/s. HPCL, M/s. BPCL and M/s. IOCL of Maharashtra State on 27/12/2018.
- 8) Shri J.N. Mishra, Dy. CE has delivered lecture on “Safety of Explosives” at National Civil Defence College, Nagpur 14/06/2018.
- 9) Shri J.N. Mishra, Dy. CE has delivered lecture on “Safety of Explosives” at National Civil Defence College, Nagpur 28/08/2018.

Meetings :-

- (1) Shri H.P. Sangole, Dy. Controller of Explosives along with Shri J.N. Mishra, Dy. Controller of Explosives has attended the meeting on 05/11/2018 with Central Pollution Control Board at District Magistrate, Nagpur's Office regarding Fireworks noise level.

(10) Accident Investigation :-

- Shri J.N. Mishra, Dy. CE has investigated explosion accident which occurred in Explosives manufacturing factory of M/s. Solar Industries India Limited, Gondkhairy on 19/06/2018 which and resulted into killing of one helper of maintenance department. Explosion occurred due to use of the sparking tools for cleaning of process pipeline containing residual unfinished explosives materials.

(11) VIGILANCE ACTIVITIES:-

Vigilance Awareness Week observed and pledge in (Hindi & English) was taken by all officers and staff members of DTS.

12) STAFF POSITION :-

Staff position given number of posts sanctioned and those lying vacant as on 31/03/2019 is given below:-

Category of post with scale of pay	Sanctioned	No. of Posts		Remark
		Filled	Vacant	
1	2	3	4	5
Dy. Chief Controller of Explosives (15600-39100+7600)	1	1	-	
Controller of Explosives (15600-39100+6600)	2	-	-	
Dy. Controller of Explosives (15600-39100+5400)	3	2	1	
Senior Technical Assistant (9300-34800+4200)	4	4	-	
ASSISTANT (9300-34800+4200)	2	1	1	
STENO II (9300-34800+4200)	1	1	--	--
Junior Technical Assistant (5200-20200-2800)	6	3	3	-
Accountant	-	1	-	Shri A.D. Bawane,

(5200-20200-2800)				Accountant transferred along with post from the O/o.Jt. CCE, Agra.
STENO III (5200-20200-2800)	-	-	-	
Upper Division Clerk (5200-20200-2400)	2	2	-	
Lower Division Clerk (5200-20200-2000)	4	1	3	
DRIVER (5200-20200-1900)	1	1	-	
GROUP D (4440-7440+1800)	6	2	4	
TOTAL	32	19	12	

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

SAMPLE REMNANTS AT NAPES & TS.

Name	Class	Division	Total Quantity
Class-2 Explosives	2	-	601.065 Kgs.
Gun Powder	1	-	-
Cast Booster	3	2	280.00 Kgs
Safety Fuse	6	1	-
Detonating Fuse	6	2	1007 Meter
OD,ED,DD, Nonel, SD	6	3	109 Nos.
Fireworks	7	3	239.094 Kgs.

(B) **DESTRUCTION OF EXPLOSIVES:-**

Destruction of Unserviceable Explosives lying at licensees magazines

Name	Class	Division	Total Quantity
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Class-2 Explosives	Class-2	-	1020 Kgs.
Safety fuse	Class-6	1	42,000 meter
Detonating Fuse	Class-6	2	-
Detonator	Class-6	3	8400 Nos.
Fireworks	Class-7	2	283.064 Kgs.

(14) **PRODUCTION FIGURE OF EXPLOSIVES:-**

Sr. No.	Class of Explosives	Quantity	Unit
1	Class-1	217.79	MT
2	Class-2	247833.38	MT
3	Class-3(Styphnic Acid)	550	Kgs.
4.	Class-3/2 (Excluding PETN)	28085115	MT
5	Class-6/1	21750029	Meter
6	Class-6/2	178.2025	Million Meter
7	Class-6/3	233.386484	Million Nos.
8	Class-7	32812	Kgs.
9	PETN	3581.227	Kgs.
10	Defence Product		
A	Propellant (Non NG)	47367.321	Kgs.
B	Munitions	60.00	Nos.
C	Bicat Strip	390498	Nos.
D	MMHG Fuse	1500	Nos.
E	MMHG Base Pellet	1500	Nos.
F	Igniter	10619	Nos.
G	Detonator	250860	Nos.
H	Electronic Fuse	101514	Nos.

FIREWORKS RESEARCH & DEVELOPMENT CENTER (FRDC) AT 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.

II. HISTORY:

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.

III. FUNCTIONS OF FRDC :

The FRDC is entrusted with the following activities:

1. Development and Standardization of fireworks products.
2. Authorization of fireworks items.
3. Testing of Raw material used in fireworks industry.
4. Mechanization of hazardous process in fireworks industry.
5. Imparting training to supervisors and workers of fireworks factories.
6. Testing of general performance and sound level of fireworks.
7. Improvement of quality control and quality assurance.
8. Investigation of Accidents.

IV. Staff Strength at FRDC:

- (1) Permanent Staff on Rolls of FRDC

Table No. 1: Details of permanent staff on rolls of FRDC

Group	Name of Post	Sanctioned Strength	Men in position	Vacancy position
A	Deputy Chief Controller of Explosives	1	0	1
	Controller of Explosives	2	0*	2
	Deputy Controller of Explosives	2	2	0
B	Senior Technical Assistant	2	1	1
	Junior Technical Assistant	1	1	0
C	Stenographer gr. III	1	1	0
	Upper Division Clerk	1	1	0
	Lower Division Clerk	1	0	1
	Driver	1	0	1
D	MTS	4	0	4
Total		16	6	10

* ShriJanardan Kumar, CE was transferred in the month of June,2018 to O/o CE, Wardha.

- (2) Contractual Technical Staff at FRDC

As per CCE letter no.D-18018/05/06-12/Plan implementation/SVK/Exp dated 27-06-2018, the following technical contract staff was joined at FRDC in the month of July 2018. Presently FRDC has the following contractual technical manpower (Six Staff) under CE, FRDC Sivakasi.

Table No. 2 :- Details of the Sanctioned technical contract staff post at FRDC.

Sr. No.	Name of the post	Sanctioned Strength	Men in position	Vacancy position
1	Consultant	01	Nil	01
2	Research Associate	02	01	01
3	Chemist	03	02	01
4	Lab Attendant	04	03	01
	Total	10	06	05

Table No. 3:- Details of the technical contract staff at FRDC.

Sr. No.	Name	Name of the post	Date of joining
1	K. Shriram	Research Associate	19-07-2018
2	P. Devi Chithra	Chemist	09-07-2018
3	K. Karuppasamy	Chemist	16-07-2018
4	D. Thanga Saravanan	Lab. Attendant	04-07-2018
5	K. Janakiammal	Lab. Attendant	05-07-2018
6	G. Sudha	Lab. Attendant	09-07-2018

The details of activities carried out by the above mentioned available technical man power under the guidance of Dy.CCE Sivakasi and CE, FRDC for financial year of April - 2018 to March - 2019 is given below.

- V. **Vigilance Activities:**
Vigilance Awareness week was observed from 29/10/18 to 3/11/18.
- VI. **Activities for Implementation of Official Language Act**
Rajbhasha week observed form 14/9/18 to 20/9/18.
- VII. **Research And Development Activities:**
- (1) **Aluminum Content Reduction In The Chemical Composition (Clinical Composition) Of Fireworks**
As per Hon'ble Supreme Court's Judgment order dated 23/10/2018 in I.A. No. 6 & 8 of 2016, I.A. Nos. 10, 11, 80176, 96202, 109668, 109720 and 122778 of 2017, I.A. Nos. 68888 and 68897 of 2018 in Writ Petition (Civil) No. 728 of 2015. Study was conducted and report was submitted on Aluminium content reduction in the Chemical Composition (Clinical Composition) of Fireworks specified in CCE Nagpur Memo Number D-18018/05/2007-08/Plan/SVK/PESO dated 07/03/2008. In the reference memo compositions of Atom Bomb, Chinese Cracker, Maroon and Garland Crackers are specified.

(2) **Other Activities :**

- (a) Fourteen numbers of accident/inspection samples received from Dy.CCE., Sivakasi were analyzed and report was submitted to them during the financial year of April 2018 to March 2019.
- (b) To comply with the Hon'ble Supreme Court's Judgment order dated 31/07/2017 in writ petition (Civil) No. 728 of 2015 (Banned chemicals like Lead, Antimony, Mercury, Lithium and Arsenic) and CCE Nagpur Memo Number R.4(2)83/CC 220/2015 dated 10/08/2017. Development of Chemical spot testing method for Lead, Antimony, Mercury Lithium and Arsenic was carried out and test SOP was also prepared.
- (c) Qualitative test (Spot Test) for the chemicals used in fireworks manufacturing were revised and new standard operating procedure (SOP) was also prepared.
- (d) Spot test method developed for Silver Fulminate and Mercury Fulminate at FRDC laboratory.
- (e) As per Hon'ble Supreme Court's Judgment, the barium salt was banned. Study on Barium estimation and spot test is carried out at FRDC laboratory and some of the samples also tested.

VIII. Sound level Test:

- (1) The Noise level testing has been carried out for 148 numbers samples of firework items during FY 2018-19.
- (2) Routine Calibration of Sound level meter is done once in every 15 days.

IX. TESTING OF SAMPLES & REVENUE GENERATION

TESTING OF SAMPLES for year 2018-19:

No of fireworks samples drawn: 148

No of factories from where samples are drawn: 33

No of samples passed: 92

No of samples failed: 56

Revenue Received: 37,000

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	2014-2015	2121	5, 77,800.00
2	2016-2017	1477	4, 00,050.00
3	2016-2017	185	47,750.00
4	2017-2018	101	19,750
5	2018-2019	148	37,000

X. VISITS/MEETINGS/SEMINARS/LECTURES:

(1) ShriAmit Goyal, Deputy Controller of Explosives attended "Capacity building programme for Dy. CEs from 26th November 2018 to 1st December 2018 at NAPES & DTS, Nagpur.

ShriVijay kumar, Deputy Controller of Explosives attended " Workshop on GEM portal on 27-28 September 2018 at HQ, Nagpur

Chapter-6

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 are 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.

Initiatives taken by PESO for Ease of Doing Business

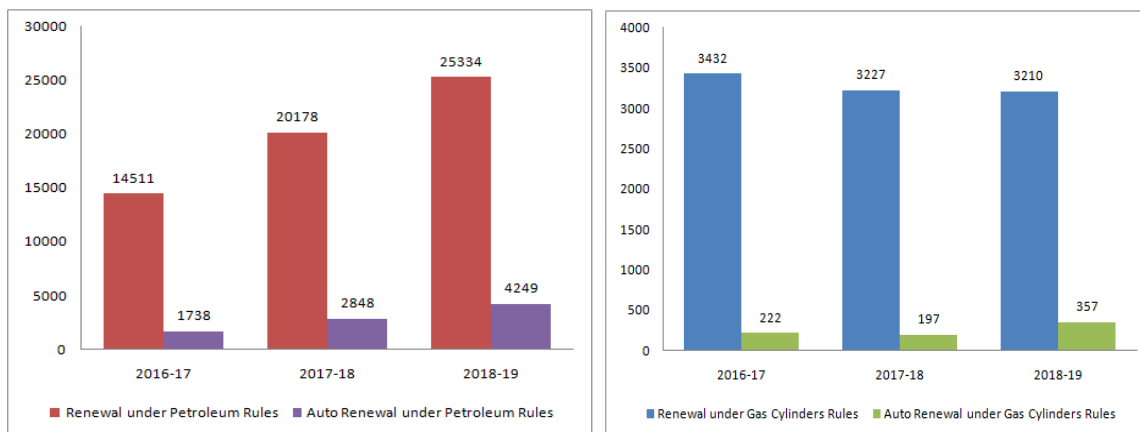
(a) Introduction of e-filing and online fee payment facilities under Petroleum Rules, 2002, Gas Cylinders Rules, 2016, Static and Mobile Pressure(U) Rules,2016, Explosives Rules, 2008 and Ammonium Nitrate Rules, 2012 to the stakeholders.

PESO has provided facilities to its stakeholders for online submission of various applications alongwith e-payment facilities under Petroleum Rules, 2002, Gas Cylinders Rules, 2004, Explosives Rules, 2008 and Ammonium Nitarate Rules, 2012. Replacement of manual submission of application by the online facility and e-payment facility is saving time, expenditure and personal interface of stakeholders.

PESO has also provided facility to stakeholders for online **auto renewal** of various licences under the Petroleum Rules and Gas Cylinder Rules. This facility is being used by stakeholders and is very much appreciated. Auto renewal facility is unique in nature, as the system enables the licensee to renew his licence on his own, immediately after submitting online application along with the requisite renewal fee through e-payment.

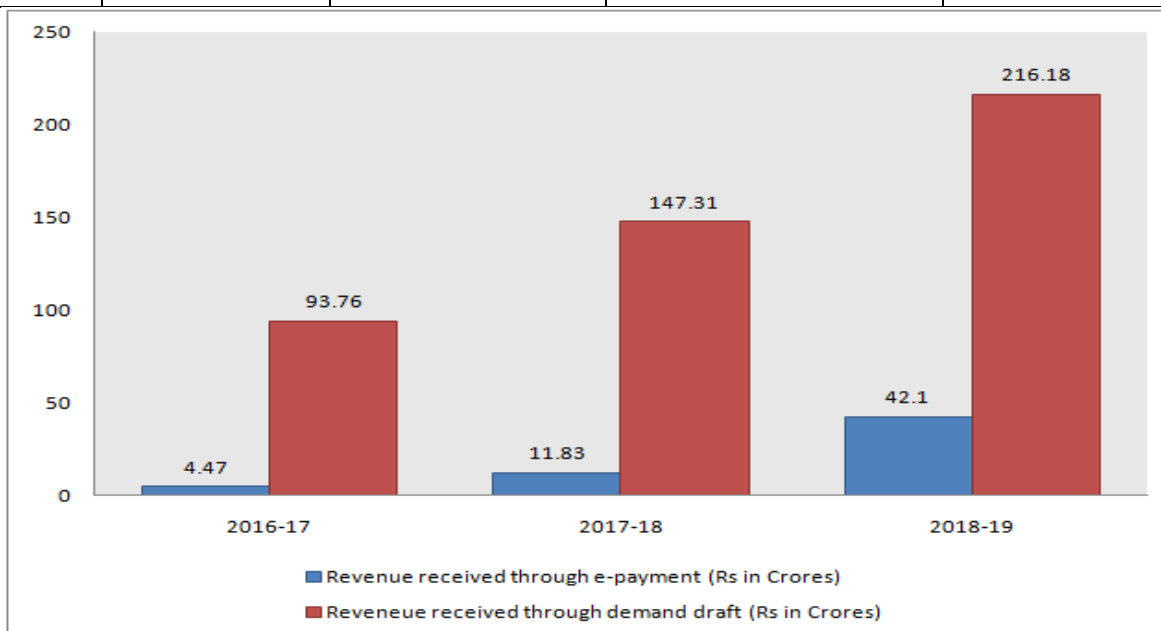
The details of auto renewed license are as follows:

Auto Renewal of licenses	2016-17	2017-18	2018-19
Licenses for storage of gas cylinders	190	177	315
Licenses for storage & filling of gas cylinders	32	19	22
Licenses for CNG dispensing station	0	1	20
Licenses for petroleum road tankers	1524	2346	3097
Licenses for retail outlets	214	502	1152



The details of e-payment received are as follows:

S. No	Year	Total Revenue generated (Rs in Crores)	Revenue received through e-payment (Rs in Crores)	Revenue received by demand draft (Rs in Crore)
1	2018-2019	258.28	42.1	216.18
2	2017-2018	159.14	11.83	147.31
3	2016-2017	98.23	4.47	93.76



Integration with e-Nivesh Portal of Prime Minister office:

The various online licensing modules of PESO have been integrated with the central e-Nivesh Portal for monitoring the disposal of applications within the time frame thereby benefitting the stakeholders.

Explosives Return System (ERS) and Ammonium Nitrate Return System (ANRS):

Online Explosives Returns System (ERS) was developed and implemented long back to monitor the transaction of explosives through out the supply chain. This system enables 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. Many additional facilities have been added to the system to make this system more user friendly. ERS system has following unique features;

- (a) in-built facilities of generating SMS alerts and messages to every consignor and consignee against every transaction.
- (b) during online transaction of explosives, the ERS system validate the storage capacity of the respective explosives magazines of the consignor and consignee and validity of their licences as well.
- (c) 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.
- (d) gives interface to all the DMs & SPs to monitor explosives transactions emerging, destining and crossing their respective districts.
- (e) on real time basis provides the data on date-wise, product-wise & factory-wise manufacturing of explosives.
- (f) on real time basis provides the data on stock of every explosives magazine in the country

A similar system namely Ammonium Nitrate Return System (ANRS) for transaction of Ammonium Nitrate through out the supply chain has been developed and is in place. The stakeholders are using this system for various on line transaction of Ammonium Nitrate.

Online generation and tracking of degassing certificate under SMPV (U) Rules, 2016

In order to avoid malpractices and to ensure safety of the public and property new facilities have been added under the SMPV (U) module for generation of degassing certificates by the competent persons. This facility also enables the PESO to monitor the degassing of pressure vessels before tests. This initiative has streamlined the generation of certificates by competent 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. This facility has totally eliminated scope of forgery in the certification process.

Development of online licensing modules for District Authority to issue various licences under Explosives Rules, 2008 and ammonium Nitrate Rules, 2012

District Authority is also empowered to issue certain licences under explosives Rules, 2008 and ammonium Nitrate Rules, 2012. As such no online system for issue licences by District Authority was in place and all the licences were being issued manually. There was no mechanism to monitor the transaction of explosives and Ammonium Nitrate. In order to rope in such licensees in the ERS/ANRS and to monitor transactions a online licensing module has been developed and launched for the District Authorities for issue of licences through this on line system. This system is appreciated by the District Authorities and overwhelming response is received.

e-Biz Portal

The existing explosives licensing module has been integrated with e-Biz portal of Department of Industrial Policy & Promotion (DIPP), Ministry of Industry & Commerce for submission of online application for various activities under Explosives Rules and e-payment through e-Biz portal.

The following proposals are in pipeline under e-governance programme and organisation is actively working to implement at the earliest possible;

Project on System on Explosives Tracking and Tracing (SETT)

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. The available literature survey on explosives regulatory and monitoring mechanisms reveals that no comprehensive system of tracking and tracing of explosives exists across the globe. PESO has already launched System on Explosives Tracking and Tracing (SETT) which has enabled every state and central regulating authorities to monitor, track and trace the last legal source of seized/unclaimed explosives on real time basis. The following goals are set in the process of developing the System on Explosives Tracking and Tracing (SETT).

1. To upgrade PESO's Data Center infrastructure to make PESO self sufficient in implementing its IT Goals.
2. 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.
3. To standardize 2D Barcode for unique identification of each explosive box & every individual unit with respect to every explosives product manufactured by all explosives manufacturers in the country.
4. To provide know how to all explosives manufacturers in the country to bring in reengineering in their plant and packaging process in order to suit the identification of each explosives unit.
5. To train all the stake holders in the explosives supply chain right from the manufactures to end users through the dealers in adopting the System on Explosives Tracking and Tracing (SETT).
6. To develop and implement SETT (System for Explosive Tracking and Tracing) phase wise, starting from box level to unit level.
7. To incorporate Digital Signature in ERS (Explosives Return System) & Ammonium Nitrate Return System (ANRS) .
8. To implement real time GPS Based Movement Tracking System for Explosives Carrying Vehicles.
9. To develop a similar System on Ammonium Nitrate Tracking and Tracing for close monitoring transactions of AN

Accomplished Activities

All the PESO offices have been brought under Exponet Network upgraded leased line speed up to 2 Mbps for five circle offices with fall back arrangement has been provided. Similarly for 18 Sub-Circle offices, the leased line speed has been enhanced to 512 Kbps. DTS, Gondkhairy, Nagpur and FRDC Sivakasi have also been provided with 512 Kbps leased line connectivity.

All explosives manufacturers are submitting their daily manufacturing details on day to day basis online. There is an achievement of 100% in respect of submission of RE-7 online by all manufacturers. Over 95% of licensees of LE-3 (possession for sale and use of explosives) have registered for submission of RE-7 (return of explosives) online and submitting their quarterly explosives return i.e. RE-7 using the PESO's online system. Online Ammonium Nitrate return system has been developed and launched for the stakeholders.

In order to further strengthen the process of monitoring the transactions of explosives, the PESO started online generation of RE-12 (for sale & transport of explosive) facility for all manufacturers and dealers. All manufacturers and most of dealers are generating RE-12 online. This has facilitated them in preparation of their RE-7 (quarterly returns) with respect to sale entries.

To facilitate better response to internal offices and also to accommodate RE-7 data being received in bulk through online facility, internal storage has been enhanced to 2 Tera byte. New RACK servers with SAN storage have been put into use for better functioning of the existing software.

Upgrading of existing Internet gateway from 4 Mbps shared to 10 Mbps dedicated throughout for effective implementation of online submission of Form RE-7 and Form RE-12 has been planned in immediate future.

PESO has upgraded the central server and server facilities have been shifted to a dedicated building equipped with all required facilities for uninterrupted high speed network and data storage.

Proof of Concept (PoC) under System on Explosives Tracking and Tracing has been completed successfully. The 2D barcode system for all type of explosives manufactured by various manufacturer in the country have been finalised in consultation with stakeholders. Development of the module and provision for interface for stakeholders is in progress.

Video Conferencing systems have been installed and put into use for five Circle offices and Head Office at Nagpur.

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.

Chapter-7

MEETINGS, SEMINARS, LECTURES, TRAINING PROGRAMMES OF THE CHIEF CONTROLLER OF EXPLOSIVES

MEETINGS:

1. Attended the meeting with Hon'ble CIM in Ministry of Commerce & Industry on 03.04.2018 with respect to LPG cylinder manufacturing unit in one premises.
2. Attend the 3rd licensing Committee Meeting (2018) series at DIPP on 04.04.2018
3. Attended the meeting with P.S to Hon'ble CIM with respect to LPG cylinder manufacturing Unit in one premises on 13.04.2018 in Ministry of Commerce & Industry.
4. Attended the 2nd Meeting of Task Force to consider door to door delivery of fuel on 20.04.2018 at DIPP, New Delhi.
5. Attended the 2nd meeting of Task force to consider door to door delivery of fuel on 27.04.2018 in Udyog Bhawan, New Delhi.
6. Attended the 5th LCM 2018 at DIPP on 11.06.2018.
7. Attended the third meeting of task force on door to door delivery of fuel on 05.07.2018 at DIPP, New Delhi.
8. Attended the third meeting of task force on door to door delivery of fuel on 09.07.2018 at DIPP, New Delhi.
9. Attended the meeting of 6th licensing committee on 16.07.2018 at DIPP, New Delhi.
10. Attended the meeting in connection with formulation of Regulation/Guidelines for transfer of Chlorine through pipeline at Shastri Bhavan, New Delhi.
11. Attended the meeting on "Ease of setting up Retail outlets" under the aegis of MOP&NG (JS-Mktg).
12. Attended the third meeting on 17.08.2018 of Expert Committee for preparation of guidelines for transfer of Chlorine through pipeline at Deptt of Chemicals & Petrochemicals, New Delhi.
13. Attended the 7th Licensing Committee Meeting on 20.08.2018 at Udyog Bhawn, New Delhi.
14. Attended the meeting on "steps taken by PESO' towards its modernization, technological up gradation and capacity building etc on 12.09.2018 in the Cabinet Secretariat, New Delhi.
15. Attended the 8th LCM (2018 series) on 19.09.2018 at DIPP, New Delhi.
16. Attended the Half yearly meeting of TOLIC(1), Nagpur on 18.05.2018 & 31.10.2018
17. Attended the Industrial License Meeting on 02.11.2018 at DIPP , New Delhi.
18. Attended the Industrial License Meeting on 13.11.2018 at DIPP , New Delhi.
19. Attended the Industrial License Meeting on 15.11.2018 at DIPP , New Delhi.
20. Attended meeting on 16.11.2018 with Inland Water Ways Authority of India along with other stakeholders for oil and gas transport through water ways between Haldia and Allahabad at Inland Authority of India, Noida.
21. Attended the 7th International Hydrogen & Fuel Cell Conference (IHFC-2018) on 09.12.2018 and 10.12.2018.
22. Attended the 10th Licensing Committee Meeting (2018 series) on 19.12.2018 at DIPP, New Delhi.
23. Attended the 4th meeting of Expert Committee in connection with Formulation of Regulation/Guidelines for transfer of chlorine through pipeline, inspection of refinery situated at Mathura on 09.01.2019.

24. Attended and chaired the meeting on 01.03.2019 in Deptt of Chemicals and Petrochemicals on transfer of chlorine through pipeline.
25. Attended the ME-16 Committee Meeting for amendment of BIS codes for cylinders at Jaipur on 06.03.2019
26. Attended a meeting related to Fireworks industries under the chairmanship of Addl. Secretary, DPIIT, New Delhi on 15.03.2019.
27. Delivered key note address in 'Safety Seminar on Industrial Gases' organized by All India Industrial Gases Manufacturer's Association (AIIGMA) on 05.08.2018.

VISIT

1. Visited to M/s. CMV SRL, Via A. Volta n. 15, 36010-ZANE (VI) Italy for physical evaluation of high pressure gas cylinder Manufacturing Unit and witness type testing facilities. (06.06.2018 to 11.06.2018)
2. Visited the manufacturing facility of M/s. Ceodeux Extinguisher Valves Technology, Luxembourg during 16.10.2018 to 20.10.2018.
3. Visited and inspected the O/o. Jt. Chief Controller of Explosives, Agra on 12.01.2019.
4. Visited and inspected the O/o. Jt. Chief Controller of Explosives, Mumbai on 31.12.2018.
5. Visited and inspected the manufacturing facility of M/s. Tyco Fire Protection Products at One Stanton Street, Marinete, WI 54143 USA from 25.03.2019 to 29.03.2019
6. Shri M.K.Jhala, Jt.CCE (Head of Organization), Nagpur visited Agra office on 11.01.2019

LECTURE

1. Dr. S. K. Dixit, CE, Nagpur attended Industrial Licence meeting at DPIIT on 07/05/2018.
2. Dr. S. K. Dixit, CE, Nagpur attended Industrial Licence meeting at DPIIT on 11/06/2018.
3. Dr. S. K. Dixit, CE, Nagpur visited Legislative Department, Shastri Bhavan on 06/07/2018 to discuss proposed amendment in Petroleum Rules.
4. Dr. S. K. Dixit, CE, Nagpur attended meeting called by Jt. Secretary (LWE) Ministry of Home Affairs on "Measures Taken to Avoid Pilferage and Leakage of Explosives and Back Tracking of Explosives" on 06/08/2018.
5. Dr. S. K. Dixit, CE, Nagpur attended the appeal at DPIIT on 23/10/2018 on import of Ammonium Nitrate.
6. Dr. S. K. Dixit, CE, Nagpur attended the meeting called by Secretary (Labour & Employment) at Shram Shakti Bhavan, New Delhi on 23/10/2018.
7. Dr. S. K. Dixit, CE, Nagpur delivered lecture at Institute of Petroleum Safety, Health and Environment Management(IPSHEM), Goa on 27/11/2018 to the trainees of ONGC.
8. Dr. S. K. Dixit, CE, Nagpur conducted meeting of Security Advisor (LWE), Dy. Inspector General (Operation), CRPF and representative of explosives manufacturing industry on pilferage and leakage of explosives.

9. Dr. S. K. Dixit, CE, Nagpur conducted meeting of stakeholders to discuss objections/suggestions on notified draft Explosives Rules, 2008 on 31/01/2019.
10. Dr. S. K. Dixit, CE, Nagpur attended Industrial Licence meeting at DPIIT on 06/02/2019.
11. Dr. S. K. Dixit, CE, Nagpur attended a meeting called by Special (Internal Security), Ministry of Home Affairs and given presentation on "System for Tracking and Tracing of Explosives".
12. Dr. S. K. Dixit, CE, Nagpur coordinated with NIC and Microsoft team for development of software for project on System for Explosives Tracking and Tracing (SETT) and launched I phase and II phase of the project.
13. K.S. Rao, Controller of Explosives, HQ Nagpur represented as a Principal Member of CHD 6 Industrial Gases Sectional Committee, attended the 19th Industrial Gases Sectional Committee meeting on 07/12/2018, at Manak Bhavan, BIS , New Delhi
14. K.S. Rao, Controller of Explosives, HQ Nagpur inspected manufacturing facility and type testing of M/s. FiWaRec Valves & Regulators GmbH &Co; Germany along with Shri M.I.Z Ansari , Dy CCE From 06/01/2019 to 11/01/2019.
15. S. D. Mishra, Controller of Explosives, HQ Nagpur inspected manufacturing facility and type testing of M/s Suzhou Daya Metal products co. ltd, China from 01/10/2018 to 05/10/2018 (excluding journey dates) for physical evaluation of the cylinder manufacturing unit.
16. Dr. (Smt) V.S. Chirde, Hindi Officer, HQ, Nagpur attended 2 workshops under the aegis of TOLIC (1), Nagpur- *Unicode training* at Kendriya Vidyalaya, Nagpur on 2.5.2018 and workshop on *Parliament Inspection Questionnaire* at Powergrid corpn. Ltd., Nagpur.
17. Dr. (Smt) V.S. Chirde, Hindi Officer, HQ, Nagpur attended all half yearly meetings of TOLIC (1), Nagpur on 18.05.2018 and 31.10.2019.
18. Dr. (Smt) V.S. Chirde, Hindi Officer, Hq, Nagpur attended All India Official Language Conference on 27.07.2018 organized by Powergrid Corpn, Ltd, Nagpur
19. Dr. (Smt) V.S. Chirde, Hindi Officer, Hq, Nagpur attended the meeting of Editing Committee of yearly magazine Rajbhasha Darpan, published by TOLIC(1) on 16.10.2019 & 30.01.2019.
20. Dr. (Smt) V.S. Chirde, Hindi Officer, Hq, attended the meeting of Prize Evaluation Committee of TOLIC, Nagpur on 18.12.2018 and evaluated the reports for the year 2017-2018, of all the Central Govt., PSU's, etc situated in Nagpur.
21. Dr. (Smt) V.S. Chirde, Hindi Officer, Hq was nominated as the head of the 1st sub committee (of 10 committees) formed by TOLIC (1), Nagpur for co-ordinating with 10 offices of Nagpur & their heads for implementation of Official Language in respective offices.

SOUTH CIRCLE, CHENNAI

LECTURES & MEETINGS:

1. Dr. D.C. Pandey, Controller of Explosives, Chennai delivered a lecture on "Inherent safety Features During Construction of Containers and Transportation of Hazardous

- Chemicals Covered Under Petroleum Rules, 2002” in regional conference on Safety Management in Industries & Ports, HWM, Safe Storage, Transportation and Warehousing of HAZECHEM & Hydrocarbons on 01/03/2019 organized by Federation of Indian Chambers of Commerce and Industry (FICCI).
2. Shri Bupendra Singh, Dy. CE attended the Hindi week function organised by Press Information Bureau as a Chief Guest on 05.09.2018 and delivered lecture on Basics of learning Hindi.
 3. Shri Sumiran Kumar, Dy. CE was deputed to Thrissur as a member of committee formed By CCE, Nagpur vide his letter No R-4(1)57/VI (Vol.VIII), Dt. 18.04.2018 for safe conduct of fireworks display at thrissur pooram festival which was held from 23.04.2018 to 26.04.2018.
 4. Shri Bhupendra Singh, Deputy Controller of Explosives and Shri M. K. Pandey, Controller of Explosives attended meeting with BIS at the secretariat, Govt. Of Tamilnadu on 10.05.2018 for constituting a state level committee.
 5. Dr. A. Sheikh Hussain, Dy. Controller of Explosives along with Shri Bhupendra Singh, Deputy Controller of Explosives attended a meeting in custom office Chennai regarding destruction of seized fireworks on 13.08.2018.
 6. Smt. Ramani Murali, UDC and Smt. S. Hemamalini, UDC, Smt. Manimala Maheswari, UDC, were awarded first prize in Slogan, Essay, Handwriting and other events. Hindi drafting noting awards is also proposed for the year 2018-19.
 7. The Vigilance Awareness Week-2018 was observed in this office 29th October to 02nd November, 2018 Dr.D. C. Pandey, Controller of Explosives advised all the officers and staff members to be vigilant in their respective areas of work and dispose of their work promptly without any scope for a complaint.
 8. Dr. A.Sheikh Hussain, Deputy Controller of Explosives attended Sivakasi Sub Court for the summons to the witness for the Crime No. 366/14 Dt: 08/2014 for the accident that occurred in M/s Standard Fireworks Pvt. Ltd. In Aug 2018.
 9. Dr. A.Sheikh Hussain, Deputy Controller of Explosives attended Madurai bench of Hon'ble Madras High Court in writ appeal No. 8448 of 2018 of M/s Vetrivel Explosives Pvt. Ltd in the month of Jan, Feb 2019.
 10. Shri Sumiran Kumar, Deputy Controller of Explosives attended court case at Madurai Bench of Hon'ble High Court of Madras on 06th December 2018.
 11. Dr. D.C. Pandey, Controller of Explosives, Chennai along with Shri Ahin Nandi, Deputy Controller of Explosives attended the meeting of district crisis group in Tiruvallur District on 17.07.2018.
 12. Sri Govindaram N, Dy.C.E, attended Hon'ble Court of Civil Judge, Hiriyyur, Chitradurga District to tender evidence in connection with E.C.A. No.185/2014 on 19.04.2018.
 13. An In House meeting was conducted by Dy.CCE Mangalore on 07.08.2018 to discuss matters regarding maintenance of Inspection Register, Procurement of office furniture through GEM Portal, Implementation of Official Language etc.
 14. Dr. S.M Mannan, Dy.CCE Mangalore accompanied by Sri A.S. Kshirsagar, Dy.CE & Sri Govindaram N. Dy.CE attended a Meeting conducted by Mangalore Refinery on

- 14.08.2018 regarding maintenance of their Cross Country Pipelines connecting MRPL, Mangalore Sea Port and nearby units.
15. Dr. S.M. Mannan, Dy.CCE conducted a Meeting on “Regulation of Private Establishments Manufacturing Military Explosives” on 11.10.2018 held at DIPP, Ministry of Commerce & Industry, New Delhi under the Chairmanship of Shri Shailendra Singh, Addl Secretary, Ministry of Commerce & Industry, DIPP along with Sri M.K. Jhala, Jt.CCE. HQ, Nagpur.
 16. Dr. S.M Mannan, Dy.CCE, Mangalore delivered lecture on “Systems for Explosive Tracking & Tracing (SETT) – Concept, Methodology, and Implementation” on 08.10.2018 in the Training Programme for Dy.CEs organized by CCE at Departmental Testing Station, Nagpur.
 17. Dr. S.M.Mannan, Dy.CCE delivered lecture “National & International classification of explosives with special reference to Export/Import” on 09.10.2018 in the Training Programme for Dy.CEs organized by CCE at Departmental Testing Station, Nagpur.
 18. Dr. S.M. Mannan, Dy.CCE delivered Key-note address in the inaugural session of National Seminar on “Safe & Sustainable Winning of Minor Minerals” held at Satish Dhawan Auditorium, IISC, Bangalore. Sri A.S. Kshirsagar, Dy.CE & Sri Govindaram N, Dy.CE attended the Seminar.
 19. Dr. S.M Mannan, Dy.CCE, Mangalore delivered following 2 lectures on 19th November, 2018 in the Training Programme conducted by Karnataka State Fire & Emergency Service Dept. for all their District Fire Officers (DFO) at Bangalore. Session 1. Explosives – An Overview, Session 2: Explosives Rules, 2018 with special reference to the role of Fire & Emergency Service Dept.
 20. Dr.S.M. Mannan, Dy.CCE Mangalore attended Quarterly Meeting held at O/o Jt.CCE South Circle, Chennai on 20.11.2018.
 21. Dr. S.M. Mannan, Dy.CCE delivered lecture on “Systems for Explosive Tracking & Tracing (SETT) – Concept, Methodology, and Implementation” on 26.11.2018 for the IG, DIG and DC of CRPF, Home Ministry, New Delhi & Dy.CEs under Training in the Training Programme organized by CCE at CCE Office, Nagpur.
 22. Dr. S.M.Mannan, Dy.CCE delivered lecture “National & International classification of explosives with special reference to Export/Import” on 27.11.2018 in the Training Programme for Dy.CEs organized by CCE at CCE Office, Nagpur.
 23. Dr. S.M. Mannan, DCCE conducted Second Defence Committee Meeting at the O/o CCE Nagpur as Nodal Officer on 28.01.2019.
 24. Dr. S.M. Mannan, Dy.CCE had inaugurated the programme and delivered key note address in the inaugural ceremony held on 25th February 2019, attended by 127 LPG tanker crew members on the first day of the safety programme. Asst. Commissioner of Police (Traffic), District Fire Officer and other dignitaries were sharing the dais in the inaugural session.
 25. Dr. S.M. Mannan, Dy.CCE along with Sri A. Kshirsagar, Dy.CE & Sri Govindaram N, Dy.CE attended Mock Drill as per Onsite emergency plan on 25.09.2018 at HPCL’s Mangalore POL Terminal.
 26. O/o Dy.CCE Mangalore has organized six days Training Programme on Safe transport of LPG – “Safety on Wheels” from 25th Feb 2019 to 29th feb 2019 in association with

- Mangalore LPG Import Facility (MLIF), M/s. HPCL Mangalore for the LPG tank Crew Members attached to MLIF (HPCL), IOCL, BPCL and Total Gaz, Mangalore.
27. O/o Dy.CCE Mangalore has conducted a “Educational cum Safety Workshop on Gas Cylinder Rules, 2016” on 6th March, 2019, in association with All India Industrial Gas Manufacturers Association (AIIGMA) at Hotel JW Marriot, Bangalore. The prime audiences were Industrial Gas Fillers, Traders & Users from the state of Karnataka. They were sensitized on the various provisions of Gas Cylinder Rules, 2016 related to safe filling of compressed gases in cylinders and storage/handling/dispatch/use of such cylinders. 169 Nos. of Delegates have attended the workshop and the discussions and deliberations were well received. The workshop ended up with an active interacting Questions & Answers session.
 28. Shri M.G. Titre, Controller of Explosives, Visakhapatnam attended co-ordination meeting, “the precaution measure to be taken while conducting blasting” which was organized by Assistant Director of Mines & Safety under the chairmanship of District Collector, Guntur, Andhra Pradesh on 13.08.2018 and guided the members of meeting in the matter.
 29. Shri Amol J. Sonbarse, Dy.Controller of Explosives, Visakhapatnam attended the joint meeting called by DGMS, Bellary, Department of Mines & Geology, Anantapur on 27.08.2018.
 30. Shri J. Sarkar, Dy.Chief Controller of Explosives, Visakhapatnam attended quarterly meeting on 20th November, 2018 in the O/o Joint Chief Controller of Explosives, Chennai.
 31. Shri Amol J. Sonbarse, Dy.Controller of Explosives, Visakhapatnam attended capacity building training programme at NAPES & Testing Station, Nagpur from 08.10.2018 to 13.10.2018.
 32. Shri Amol J. Sonbarse, Dy.Controller of Explosives & Hindi Officer, Visakhapatnam and Shri Manoj Srivastava, Assistant attended Town Official Language Implementation Committee (TOLIC) meeting held on 08.05.2018 & 25.10.2018.
 33. On 31.01.2019, Shri B. Ravi Kumar, Dy.Controller of Explosives, Visakhapatnam delivered lecture “Advances in Petroleum & Energy Technologies” at Gayatri Vidya Parishad College of Engineering, Jawaharlal Nehru Technological University, Kakinada, East Godavari District, Andhra Pradesh.
 34. Dr. G.K. Pandey, Controller of Explosives, & A.N.K.V.V. Prasad, Assistant attended a training programme on PFMS at PAO, Nagpur on 27.09.2018 to 28.09.2018.
 35. Sri M.W. Dudhe, Dy. Controller of Explosives, Hyderabad and Sri M.N. Nandanwar attended induction training programme at National Academy for Petroleum and Explosives and Testing Station, Nagpur from 08.10.2018 to 13.10.2018.
 36. Sri Kunal Bhushan, Stenographer Gr.III and Sri Jaipal, LDC of this office attended “Basic Training Programme for use of Hindi on Computer” from 28/01/2019 to 01/02/2019.
 37. Sri M.W. Dudhe, Dy. Controller of Explosives, Hyderabad and Sri A.N.K.V.V. Prasad, Assistant attended training on PFMS and GeM at the O/o.CCE, Nagpur on 22/02/2019.
 38. Shri K. Sundaresan, Dy. Chief Controller of Explosives attended quarterly meeting at the O/o Joint Chief Controller of Explosives, Chennai on 20/11/18.

39. Shri K. Sundaresan, Dy. Chief Controller of Explosives delivered lecture to DY.CE's in capacity building programme at DTS and NAPES Nagpur on 27/11/2018.
40. Shri K. Sundaresan, Dy. Chief Controller of Explosives co-chaired the workshop on Green crackers at HQ, Nagpur with CCE and officers of PESO, Nagpur on 28/11/2018.
41. Shri K. Sundaresan, Dy. Chief Controller of Explosives attended meeting at the O/o the CCE Nagpur on 04/01/2019 and 15/01/2019 regarding green crackers.
42. Shri K. Sundaresan, Dy. Chief Controller of Explosives attended meeting at O/o the CCE, Nagpur on 31/01/2019 regarding Draft Explosives Rules 2008.
43. Shri K. Sundaresan, Dy. Chief Controller of Explosives attended a meeting at New Delhi on 15/03/2019 convened by Addl. Secretary DPIIT M/o Commerce and Industry Govt. Of India regarding Fireworks.
44. Shri K. Sundaresan, Dy. Chief Controller of Explosives visited Busan, South Korea for inspecting CNG cylinder manufacturing facility of M/s TK Fujikin-Busan(between 17/03/2019 to 23/03/2019 accompanied by Dr. Ruab Ali, DY. CCE, Bhuvaneswar).
45. Shri S.M. Kulkarni, Dy.CCE and Shri S. Kandasamy, DCE attended High Power meeting with Hon'ble Minister of Agriculture, Adv. V.S. Sunil Kumar, District Magistrate, District Police Chief, Police and D.M. officials at Thrissur on 21/04/2018 regarding review of Safety and security arrangement for Thrissur Pooram.
46. Shri S.M. Kulkarni, Dy.CCE and Shri S. Kandasamy, DCE attended meeting with district Magistrate, Thrissur and district Police chief, thrissur regarding sampling of fireworks, onsite/offsite emergency plan and survey at site on 25/04/2018. The meeting was also attended by Shri K.Sundaresan, Dy. CCE, Sivakasi.
47. PESO team monitored safety during public display of fireworks during Thrissur Pooram to assist district and Police Administration. The display was conducted safely without any casualty and injury.
48. A meeting was convened by Dr. R. Venugopal, DCCE on 19/07/2018 at Kendriya Bhavan among the Heads of LPG divisions of various Oil Companies to discuss matters related to Gas Cylinder Rules, 2016 and its amendment. 17 officers from various Oil Companies attended the meeting. A presentation on "Rescue operation of LPG tank trucks" was given by Shri Arun, Dy. Manager, M/s. HPCL, Kochi.
49. A meeting was convened by Dr. R. Venugopal, DCCE with IOC officials on 14/09/2018 in view of recent accidents at ROs. Shri S. Kandasamy, DCE was also present at the meeting.
50. DCCE Attended meeting with Chief Minister and Industry Secretary on 27/09/2018 at Secretariat, Thiruvananthapuram.
51. Shri A.K. Mehta,CE attended mock drill of onsite emergency plan (ERDMP) of Kochi Refinery Ernakulam of M/s. BPCL on 25/09/2018. After attending the drill, he gave valuable technical suggestions to M/s. BPCL Management for prevention and action during fire accident in the Refinery.
52. Dr. R. Venugopal, DCCE attended the meeting on 05/02/2019 regarding Thrissur Pooram Fireworks display 2018-19 at Conference Hall of Kerala Legislature Complex, Thiruvananthapuram convened by the Minister of Industries, Govt. of Kerala
53. Dr.R.Venugopal DCCE flagged off the 'Decathlon' Organised by GAIL on 14/12/2018 as part of Energy Conservation Week.

54. Other Meetings

Date	Description
05/04/2018	A safety meeting and Swachh Bharat programme held at M/s. GOCL Corporation Ltd., Kukatpally, Hyderabad. Sri Shailendra Singh, IAS (Additional Secretary), DIPP, Govt. of India, Shri G. Kumaraswamy, Controller of Explosives, Hyderabad & Dr. G.K. Pandey, Controller of Explosives, Hyderabad attended the Programme.
06/04/2018	Shri Shailendra Singh, IAS (Additional Secretary), DIPP, Govt. of India, Shri G. Kumaraswamy, Controller of Explosives, Hyderabad & Dr. G.K. Pandey, Controller of Explosives, Hyderabad visited M/s. IDEAL Explosives Pvt. Ltd., Chittyal, District Nalgonda for inauguration of new slurry plant and attended Safety Meeting and Swachh Bharat Programme.
25/09/2018	Sri S.M.Kulkarni, Dy.Chief Controller of Explosives, Hyderabad has attended a campaign on Swachh Bharat Mission at IOCL Depot and at M/s.Ideal Detonators (P) Ltd.
16/10/2018	Awareness Programme Meeting was conducted to all fireworks dealers in the State of Telangana at 9 th Floor, Auditorium, C.G.O.Towers, Kavadiguda, Secunderabad, Hyderabad. Around 60 Fireworks dealers attended the meeting and safety advisory was issued to all the dealers.
23/10/2018	Dr.G.K.Pandey, Controller of Explosives, Hyderabad attended a meeting conducted by the DCP, East Zone, Hyderabad regarding Explosives Rules, 2008 and Supreme Court Judgement, pertaining to fireworks with the Police Officers, Fire Department Officers and Dealers of Fireworks Shops at Maharana Pratap Function Hall, Amberpet, Hyderabad.
31/10/2018	Sri G.Kumaraswamy, Controller of Explosives, Hyderabad has attended a meeting at DCP, Central Zone, Hyderabad and delivered a lecture on "Safety Precautions to be observed for Temporary Fireworks Shops".
20/11/2018	Sri S.M.Kulkarni, Dy.Chief Controller of Explosives, Hyderabad attended quarterly meeting conducted by the Joint Chief Controller of Explosives, South Circle, Chennai.
5/11/2018	Sri M.W.Dudhe, Dy.Controller of Explosives, Hyderabad attended a meeting regarding Temporary Fireworks shops conducted by the DCP, South Zone.
01/11/2018	Sri M.N.Nandanwar, Dy.Controller of Explosives, Hyderabad attended a meeting regarding Fireworks Safety conducted by the DCP, Madhapur addressed to the gathering of about 150 people.

Workshops/Seminars:

DATE	DESCRIPTION
28/06/2018	Dr.R.Venugopal, Dy.CCE, Hyderabad delivered a lecture on "Safety Leadership in Turbulent Times" at Nuclear Fuel Complex, Hyderabad.
14/08/2018	Sri G.Kumaraswamy, Controller of Explosives, Hyderabad delivered a lecture on Safety Awareness Programme at M/s.Singareni Collieries Co. Ltd., Mandamarri, Karimnagar.
27/09/2019 & 28/09/2019	Dr.G.K.Pandey, Controller of Explosives, Hyderabad has attended two days workshop on "Purchase through GeM Portal & General Financial Rules, 2018" organized by 'NAPEST' Nagpur.
31/10/2018	Sri G.Kumaraswamy, Controller of Explosives, Hyderabad has attended a meeting at DCP, Central Zone, Hyderabad and delivered a lecture on "Safety Precautions to be observed for Temporary Fireworks Shops".

29/03/2019	Sri S.M.Kulkarni, Dy.Chief Controller of Explosives delivered a lecture on safety during manufacturing of explosives at M/s.Gulf Oil Corporation Limited.
29/03/2019	Dr. G.K. Pandey, Controller of Explosives delivered a lecture on safety during manufacturing of explosives at M/s. Gulf Oil Corporation Limited.

TRAININGS:

1. Dr. K. Pandey, CE attended training programme on GeM portal and GFR 2018 at the office of CCE, Nagpur on 27 & 28 th Sept 2018.
2. Shri S. Saravanan and Shri B.C. Sadhukhan, Dy. Controller of Explosives attended Capacity Building Programme at the office of CCE, Nagpur from 07/10/2018 to 13/10/2018.
3. Shri A. Sheikh Hussain, Deputy Controller of Explosives attended training on capacity building program for Deputy Controllers of Explosives' from 8th Oct 2018 to 13th Oct 2018 organised by National Academy for Petroleum & Explosives Safety & Testing Station, Gondkhery, Nagpur.
4. Shri Prashant Yadav, Deputy Controller of Explosives attended training on capacity building program for Deputy Controllers of Explosives' from 8th Oct 2018 to 13th Oct 2018 organised by National Academy for Petroleum & Explosives Safety & Testing Station, Gondkhery, Nagpur.
5. Shri Sumiran Kumar, Deputy Controller of Explosives attended training on capacity building program for Deputy Controllers of Explosives' from 26th Nov 2018 to 01st Dec 2018 organised by National Academy for Petroleum & Explosives Safety & Testing Station, Gondkhery, Nagpur.
6. Shri Bhupendra Singh, Deputy Controller of Explosives attended training on capacity building program for Deputy Controllers of Explosives' from 26th Nov 2018 to 01st Dec 2018 organised by National Academy for Petroleum & Explosives Safety & Testing Station, Gondkhery, Nagpur.
7. Shri Ahin Nandi, Deputy Controller of Explosives attended training on capacity building program for Deputy Controllers of Explosives' from 26th Nov 2018 to 01st Dec 2018 organised by National Academy for Petroleum & Explosives Safety & Testing Station, Gondkhery, Nagpur.
8. Shri A. Sheikh Hussain, Deputy Controller of Explosives attended one day workshop on GPF/Pension in PFMS Module on 22.02.2019 at HQ, Nagpur.
9. Shri A. Sheikh Hussain, Deputy Controller of Explosives attended Two days workshop on Purchase through GeM and General Financial Rules on 27th and 28th Sept 2018 at HQ, Nagpur.
10. Shri Ahin Nandi, Deputy Controller of Explosives attended one day work shop on safety in detonating fuse manufacturing held at HQ, Nagpur on 12.03.2019.
11. Shri B. Ravi Kumar, Dy.Controller of Explosives, Visakhapatnam attended capacity building training programme at NAPES & Testing Station, Nagpur from 24.11.2018 to 02.12.2018.
12. Dr. K. Pandey attended training program on GeM Portal and GFR 2018 at HQ, Nagpur on 27th and 28th Sept 2018.

13. Shri S. Saravanan and Shri B.C. Sadhukhan, Deputy Controller Of Explosives attended capacity building program at HQ, Nagpur from 7th to 13th Oct 2018.
14. Dr. G.K. Pandey, Controller of Explosives, & A.N.K.V.V. Prasad, Assistant attended a training programme on PFMS at PAO, Nagpur on 27.09.2018 to 28.09.2018.
15. Sri M.W. Dudhe, Dy. Controller of Explosives, Hyderabad and Sri M.N. Nandanwar attended induction training programme at National Academy for Petroleum and Explosives and Testing Station, Nagpur from 08.10.2018 to 13.10.2018.
16. Sri Kunal Bhushan, Stenographer Gr.III and Sri Jaipal, LDC of this office attended “Basic Training Programme for use of Hindi on Computer” from 28/01/2019 to 01/02/2019.
17. Sri M.W. Dudhe, Dy. Controller of Explosives, Hyderabad and Sri A.N.K.V.V. Prasad, Assistant attended training on PFMS and GeM at the O/o.CCE, Nagpur on 22/02/2019.
18. Shri S. Kandasamy, DCE & Shri Sugathan M.P., LDC attended training on purchase through Gem Portal & GFR 2018 at O/o CCE, Nagpur on 27th & 28th September, 2018.
19. Dr. R. Venugopal, Dy.CCE visited Tyco Fire Products LP a Johnson Control based at one Stanton Street, Marinette, WI 54143, USA from 26/03/2019 to 29/03/2019 along with Shri M.K. Jhala, Jt.CCE & HOD Nagpur for evaluation of valve fittings, manufacturing facility and testing facilities. The Valve Leakage Test, Hydrostatic Pressure Test, 500 Cycle Operation Test and Pressure Relief Tests were conducted as per UL 2127.
20. Shri C.J.Joseph, Assistant and Shri M.P.Sugathan, LDC attended one day workshop on GPF/Pension in PFMS on 22/02/2019 at Nagpur as per CCE Communication No. PAO/DE/NGP/ADMN/Training/1332 Dated 04/02/2019.
21. Dr. S.M. Mannan, DCCE conducted In-house training for staff members regarding scrutiny of applications pertaining to construction approvals and grant of licence for fireworks shops and storehouses, with specific reference to the recent delegation of powers to sub-circle office.
22. In house Meetings were conducted Dr. S.M. Mannan, DCCE from time to time to review pendency and to discuss the modalities for clearing pending licence references.
23. Dr. S.M. Mannan, DCCE Mangalore had taken Sri A.S. Kshirsagar, Dy.CE & Sri Govindaram, N, Dy.CE to the high explosives manufacturing unit of M/s. Keltech to get them acquainted with the manufacturing of Class 2 Cartridge explosives and inspection of high explosives manufacturing unit.
24. Dr. S.M. Mannan, DCCE Mangalore had taken Sri A.S. Kshirsagar, Dy.CE & Sri Govindaram, N, Dy.CE to ISPRL, Mangalore and ISPRL Padur (Udupi Dist to get them acquainted with the concept of Underground Caverns Petroleum Storage facilities and inspection of such facilities.
25. Sri Govindaram N, Dy.CE & Sri Krishan Kant Kumar, LDC attended Workshop on GEM Portal & GFR 2018 at PAO Office, Nagpur on 27.09.2018 & 28.09.2018.
26. Sri A.S. Kshirsagar, Dy.CE attended Capacity Building Training Programme for Dy.CEs at NAPES, Nagpur from
27. Sri Govindaram, N, Dy.CE attended Capacity Building Training Programme for Dy.CEs at NAPES, Nagpur from 26.11.2018 to 01.12.2018.

28. Sri Krishan Kant Kumar, LDC attended one day Hindi Workshop on 25.01.2019 conducted by TOLIC Mangalore at the Corporation Bank Headquarters, Mangalore.
29. “Workshop on GEM portal” attended by Dr. D.L. Kamble, CE on 27.08.2018 & 28.08.2018 at Nagpur.
30. “Quarterly meeting” attended by Dr. D.L. Kamble, CE on 20.11.2018 at JCCE office, Chennai.
31. “Refresher training programme for Deputy Controllers” attended by Shri R. Ganesh, DCE from 08.10.2018 to 13.10.2018 at Nagpur.
32. “PFMS training” attended by Shri Praful patel, LDC on 22.02.2019 at Nagpur.

WEST CIRCLE, MUMBAI

SEMINAR/WORKSHOP/LECTURES/TRAINING:

- 1) Dr. Yogesh Khare, Dy.C.C.E., Mumbai attended meeting with the Assistant Commissioner of Road & Transport at Bandra East, Mumbai with reference to CNG cylinder Hydro Testing on 17/04/2018.
- 2) Dr. Yogesh Khare, Dy.C.C.E., Mumbai attended meeting with the Assistant Commissioner of Road & Transport at Bandra East, Mumbai along with the associated of testing agencies and Auto & Taxi Association with reference to testing of CNG cylinder and fees for testing on 20/04/2018.
- 3) Dr. Yogesh Khare, Dy.C.C.E., Mumbai attended meeting with the Assistant Commissioner of Road & Transport at Bandra East, Mumbai with reference to CNG cylinder Hydro Testing on 20/04/2018.
- 4) Dr. Yogesh Khare, Dy.C.C.E., Mumbai attended meeting with the Assistant Commissioner of Road & Transport at Bandra East, Mumbai with reference to CNG cylinder Hydro Testing on 11/06/2018.
- 5) A Yoga Day was celebrated in this office on 21.06.2018.
- 6) Shri Vinod Kumar, Jt.C.C.E., Mumbai attended meeting with NARAKAS on 20/07/2018.
- 7) Shri Vinod Kumar, Jt.C.C.E., Mumbai attended a meeting with the Chief Controller of Explosives, Nagpur on 31/07/2018.
- 8) Dr. Yogesh Khare, Dy.C.C.E., Mumbai attended meeting on Industry Best Practices to secure & strategic chemical supply on 23/08/2018.
- 9) ShriR. Piplani, Dy. Chief Controller of Explosives, Vadodara attended Hindi Meeting in Vadodara on 25/07/2018.
- 10) ShriR. Piplani, Dy. Chief Controller of Explosives, Vadodara attended workshop on preparing Cabinet Notes at I.S.T.M., New Delhi on 01/02/2019.
- 11) ShriR. Piplani, Dy. Chief Controller of Explosives, Vadodara and ShriSanjay Kumar, Controller of Explosives, Vadodara attended Safety Meet for CNG Dispensing in Ahmedabad on 02/03/2019. This safety Meet was organized by M/s. Sabarmati Gas Ltd.,

- Ahmedabad. ShriSanjay Kumar, Controller of Explosives of this office gave a power point presentation on safety in handling of CNG Dispensing.
- 12) ShriR.Piplani, Dy. Chief Controller of Explosives, Vadodara attended a workshop on Tracking and Capacity Building needs in the area of Chemical Industrial Disaster Management and Business Continuity Management at Gujarat Institute of Disaster Management, Gandhinagar on 07/03/2019.
 - 13) ShriR.Piplani, Dy. Chief Controller of Explosives, Vadodara attended Orientation Training Programme for retiring government officials at I.S.T.M., New Delhi on 11/03/2019.
 - 14) ShriR.Piplani, Dy. Chief Controller of Explosives presided as Chief Guest at the concluding function of the National Safety Week celebration on 12/03/2019 at ONGC Petro Additions Ltd., Dahej, Bharuch.
 - 15) ShriR. Piplani, Dy.Chief Controller of Explosives, Vadodara and Shri Daljit Sandhu attended training on CGHS at NACIN, Vadodara on 25/03/2019.
 - 16) Dr. P.K. Rana, Controller of Explosives attended Court Case on 07.05.2018 in Tirupur, Tamil Nadu.
 - 17) Dr. P.K. Rana, Controller of Explosives attended Court Case on 21.05.2018 in Amreli.
 - 18) ShriSanjay Kumar, Controller of Explosives of this office gave a power point presentation on safety in handling of CNG Dispensing on 28/12/2018 at Palanpur during a Safety Meet organized by M/s. IRM Energy Pvt.Ltd., Ahmedabad.
 - 19) ShriSanjay Kumar, Controller of Explosives attended Meeting in Gandhinagar on 05/01/2019 regarding GIDC Land issue.
 - 20) ShriSanjay Kumar, Controller of Explosives attended Meeting with Dindayal Port Trust at Kandla, Kutch on 07/01/2019 regarding revamping of Jetties and pipelines.
 - 21) ShriSanjay Kumar, Controller of Explosives attended Meeting with KPT and Western Railway at Gandhdham on 08/01/2019 regarding a complaint case.
 - 22) Shri Sandeep Kumar, Dy. Controller of Explosives visited O/o Controller General of Accounts, Delhi on 13.04.2018.
 - 23) ShriSandeep Kumar, Dy. Controller of Explosives attended Hindi Meeting in Vadodara on 25/07/2018.
 - 24) Shri Sandeep Kumar, Dy. Controller of Explosives attended training on GeM at Office of Chief Controller of Explosives, Nagpur from 27.09.2018 to 28.09.2018
 - 25) Shri Sandeep Kumar, Dy. Controller of Explosives attended Capacity Building Programme at NAPES, Gondkhairy, Nagpur from 08.10.2018 to 13.10.2018
 - 26) Shri Sandeep Kumar, Dy. Controller of Explosives attended Court Case on 14.12.2018 in Bhavnagar
 - 27) Shri Sandeep Kumar, Dy. Controller of Explosives attended Court Case on 05.01.2019 in Bhavnagar
 - 28) Shri Sandeep Kumar, Dy. Controller of Explosives attended training programme on GPF/Pension at NAPES, Gondkhairy, Nagpur on 22.02.2019
 - 29) Shri Mohanlal Jana, Dy. Controller of Explosives attended Capacity Building Programme at NAPES, Gondkhairy, Nagpur from 08.10.2018 to 13.10.2018
 - 30) Shri Mohanlal Jana, Dy. Controller of Explosives delivered lecture on 21.04.2018 at National Safety Council, Bharuch

- 31) Shri Rajesh Kumar Bharti, Assistant attended training programme on GPF/Pension at NAPES, Gondkhairy, Nagpur on 22.02.2019
- 32) Shri Daljit Sandhu, Upper Division Clerk attended training on GeM at Office of Chief Controller of Explosives, Nagpur from 27.09.2018 to 28.09.2018.

EAST CIRCLE, Kolkata

Meeting:

1. Shri M.K. Jhala, Jt.CCE attended meeting on 4.5.2018 in the O/o. CCE, Nagpur regarding discussion of official matters.
2. A workshop on "Safe Handling of CNG and its Safety Challenges" on 16.03.2019 at IOCL Durgapur which was chaired by Dr. R.K. Rathore, Head of Office East Circle, Kolkata and attended by more than 30 participants. The program was conducted by ShriAshok Kumar, Dy.CE and welcome address was delivered by J. Ahmed, Dy.CE. ShriA. Muttalib CE, delivered a power point presentation on Statutory provisions for periodic testing of cylinders and facilities required at cylinder testing station. ShriS. Ray, CE delivered power point presentation on Safety in CNG handling and accidents. Workshop was concluded with vote of thanks from ShriN.S. Shete, Dy.CE. The participants included representatives from district administration, RTO Durgapur and Asansol, CNG Operating companies such as M/s GEECL, M/s IOCL, M/s HPCL, M/s BPCL and their CNG Dealers, representatives from Auto unions of Asansol & Durgapur and CNG Cylinder testing center etc.
3. Shri M.K.Jhala, Jt.CCE, EC, Kolkata and Shri Nitin Shivaji Shete, Dy.CE attended meeting regarding Statutory Regulation of Petroleum Act, 1934 and PR,2002 at HPCL West Bengal State Office on 12.06.2018. Nitin Shivaji Shete, Dy. Controller of Explosives, East Circle, Kolkata delivered a presentation on "Overview on Statutory Regulations of Petroleum Act 1934 & Petroleum Rule-2002 with focus of license under Form XIV" on 12.6.2018. The workshop was chaired by ShriM.K. Jhala, Jt.C aCE, EC Kolkata and around 30 participants were present.
4. Shri Jarifuddin Ahmed, Dy. Controller of Explosives and Nitin Shivaji Shete, Dy. Controller of Explosives, East Circle, Kolkata attended a meeting at District Magistrate Office, North 24 Paraganas on 10.07.2018 for setting up of temporary Bazi Bazar.
5. ShriSubasis Ray Controller of Explosives and Nitin Shivaji Shete, Dy. Controller of Explosives, East Circle, Kolkata attended a meeting at Police Training School, Kolkata on 26.10.2018 for setting up of temporary Bazi Bazar. A power point presentation was delivered on Safety aspects of Temporary Fireworks Shops, followed by accident videos for sensitisation of police and organisers.

6. ShriAshok Kumar Dy. Controller of Explosives and Nitin Shivaji Shete, Dy. Controller of Explosives, East Circle, Kolkata attended sample fireworks testing performed by Pollution Control Board at Tala Park Ground under Tala P.S. on 29.10.2018.
7. ShriAshok Kumar Dy.CE delivered a power point presentation and shared his experience gained at a workshop on "Provisions of RTI Act. 2005" on 14.12.2018 at O/O Jt.CCE Kolkata.
8. A quarterly meeting of the East Circle on 18.01.2019 at O/o Jt.CCE, Kolkata which was attended by incharge of respective sub circle offices. Nitin Shivaji Shete, Dy. Controller of Explosives, East Circle, Kolkata delivered a presentation on the achievements of the East Circle in the third quarter of FY 18-19. Also organised a presentation on " Integrity Management of Pipelines" which was delivered by M/s IOCL Eastern Region Pipelines Division.
9. Video Conference held on 30.8.2018 with Head Office and all Circle Offices regarding approval/permission for operating refueller for door to door delivery in form XIV, inspection of MAH premises, Court Cases, Accident report, RTI, GEM and implementation of amendment of Petroleum Amendment Rules, 2018.
10. ShriK. Thiagarajan, Dy.CCE Ranchi, Dr. M.I.Z Ansari, Dy. CCE, Guwahati, Dr. Ruab Ali, Dy.CCE Bhubaneswar and ShriB. Basak, CE Patna attended Quarterly meeting at O/o Jt. Chief Controller of Explosives. Kolkata on 18/01/2019.
11. Shri S.K Bhole, Dy. CE, appeared for hearing as ex-CPIO, Raipur at NIC Guwahati by Hon'ble Chief information commission Shri Radha Krishna Mathur on 03/07/2018.
12. Dr. M.I.Z Ansari, Dy. CCE, attended video conference meeting at Tripura on 10th GCD bidding round of TNGCL live from Vigyan Bhavan, New Delhi on 22/11/2018.
13. Shri Gagan Agarwal, Dy. CE, tendered attendance as witness in CBI Special Judge Court, at Chandigarh on 15/01/2019.
14. Shri Gagan Aggarwal, Dy. CE attended Offsite Emergency Mock Drill at M/s IOCL Bedkutchi POL Terminal, Guwahati on 27/02/2019.
15. Dr. M.I.Z Ansari, Dy. CCE delivered lecture on SETT and Explosives Rules-2019 on occasion of "Mineral Day" in IBM office, Guwahati on 01/03/2019.
16. Dr. M.I.Z Ansari, Dy. CCE attended preparation meeting for off-site Emergency Mock Drill at M/s IOCL Guwahati Refinery, Guwahati with District Administration on 12/03/2019.
17. Dr. M.I.Z Ansari, Dy. CCE and Shri Gagan Aggarwal, Dy. CE attended post off- site Emergency Mock Drill meeting with District Administration at IOCL Guwahati Refinery, Guwahati on 18/03/2019.
18. Dr. R. Ali, Dy.CCE, Bhubaneswar and Shri J. Rout, Dy.CE Bhubaneswar attended meeting with IG and SP Vigilance regarding maintenance of law & order in State of Odisha.

19. Shri J.Rout, Dy. CE, Bhubaneswar delivered lecture on Petroleum Rule on 16.4.2018 in IGIT, Sarang, Odisha.
20. Shri J. Rout Dy.CE, Bhubaneswar & Shri P.K.Kar, Asstt. attended training on Purchase through Gem Portal & GFR at Head Office, Nagpur from 27.9.2018 to 28.9.2018
21. Dy.CCE,Bhubaneswar organised a meeting with fireworks manufacturer and dealers on the topic of fireworks safety on 23.10.2018
22. Dr.R.Ali, Dy.CCE attended as a Chief Guest on the Occasion of Safety Week organized by NALCO damonjodi, Distt.Korapur and Utkal Alluminia, Distt. Rayagada.
23. Dr.R.Ali, Dy.CCE and Shri P.K.kar, Asstt attended training on GPF/Pension in PFMS module at Head office on 22.2.2019.
24. Shri G.Agarwal, Dy.CE, Guwahati attended Offsite Emergency Mock Drill at M/s. IOCL Bedkutchi POL Terminal, Guwahati on 27.2.2019.
25. Safety & Security Program attended by Shri K. Thiagarajan, Dy.CCE,Ranchi on March,2019 at M/s. ORICA Gomia, Bokaro.

Lectures:-

1. Shri M. K. Jhala, Jt.CCE attended capacity building programme of Dy.CE on 27.4.17 at DTS, Nagpur. Shri Jhala delivered lecture in the above programme.
2. Shri Abdul Muttalib, CE deliver lecture on Gas cylinder Rules 2016 on 07/11 /2017 organized by M/s HPCL Kolkata.

Seminars, Workshops, Trainings:

1. Shri A.Muttalib, CE, Shri P.K.Roy,UDC & Shri K.Biswas, LDC attended training program on GeM Portal of GFR,2017 on 27-28/9/2018 in the O/o. CCE,Nagpur.
2. Shri Jarifuddin Ahmed, Dy.CE, Kolkata, Shri Ashok Kumar, Dy.CE, Kolkata, Shri Amit Kumar, Dy.CE, Patna & Shri Gagan Agarwal, Dy.CE, Guwahati attended capacity building program from 08.10.18 to 13.10.18 at NAPES & TS, Gondkhairi, Nagpur.
3. Shri N.S.Shete, Dy.CE,EC,Kolkata, attended capacity building program at NAPES & TS, Gondkhairi from 26.11.18 to 01.12.2018
4. One day work shop on GPF/Pension in PFMS module attended by Shri J.Ahmed,Dy.CE, Kolkata, Shri R.Bhattacharjee, Asstt. Kolkata on 22.2.2019 at Nagpur office.
5. Deputation of Shri S.Ray,CE along with Shri N.T.Sahu, CCE,Nagpur to cylinder manufacturing facility of M/s. CMV SRL at Via A. Voltan Italy from 06.06.2018 to 09.06.2018.
6. Deputation of Dr. R. Ali, Dy.CCE, Bhubaneswar along with Shri K. Sundersan, Dy. CCE, Sivakasi for inspection of manufacturing cylinder unit of m/s. TK Fujikin Corporation, Busan, South Korea from 18.3.2019 to 22.3.2019.
7. Shri S.K Bhole, Dy. CE attended workshop on purchase through GeM Portal and GFR 2017 from 27/09/2018 to 28/09/2018 at NAPES, Nagpur.

8. Dr. M.I.Z Ansari, Dy. CCE delivered lecture on “Safety management in industries” seminar organized by FICCI, New Delhi at Lily hotel Guwahati on 08/10/2018.
9. Dr. M.I.Z Ansari, Dy. CCE attended one day training programme on RTI Act 2005 at ISTM, New Delhi on 16/11/2018.
10. Shri S.K Bhole, Dy. CE, Guwahati, Shri. Nitin Shivaji Shete, Dy.CE, Kolkata, Shri Dinesh Singh, Dy. CE, Guwahati and Shri Absar Ahmed, Dy.CE, Ranchi attended “Capacity building programme” at NAPES, Nagpur from 26/11/2018 to 01/12/2018.
11. Dr. M.I.Z Ansari, Dy. CCE attended video conference meeting at Tripura on 10th GCD bidding round of TNGCL live from Vigyan Bhavan New Delhi on 22/11/2018.
12. Shri K. Thiagarajan, Dy.CCE Ranchi, Dr. M.I.Z Ansari, Dy. CCE, Guwahati, Dr. Ruab Ali, Dy.CCE Bhubaneswar and Shri B. Basak, CE Patna attended presentation on “Pipeline Integrity Management System” delivered by IOCL, pipeline division, Kolkata during Quarterly meeting at the O/o Jt. CCE, Kolkata on 18/01/2019.
13. Shri S.K Bhole, Dy. CE Bhubaneswar attended one day workshop on GPF/Pension on PFMS module on 22/02/2019 at NAPES, Nagpur.
14. Shri Amit kumar, Dy.CE, Patna attended workshop of DDO & Accountants/concerned staff of PESO on purchase through Gem portal & GFR 2017 at CGO complex Nagpur and NAPES & TS Gondkhairi.
15. Shri G.Kumar, LDC attended workshop for DDO & Accountants /concern staff of PESO on Purchase through Gem Portal & GFR 2017 at CGO complex nagpur and Shri A.Kumar, Dy. CE, Patna attended 2 days workshop for DDO & Accountants/concern staff on Purchase through Gem Portal & GFR 2017 and 1 day workshop on GPF/Pension in PFMS at H.Q.
16. Shri G.Kumar, LDC, Patna attended 1 day workshop on GPF/Pension in PFMS Module at H.Q.
17. Dr. M.I.Z Ansari, Dy.CCE, Guwahati inspected M/s. Fi Wa Rec, Germany along with CE, Nagpur and TPIA from M/s. BRE Global, UK w.e.f 6.1.19 to 11.1.19.
18. Shri S.Ray, CE attended one day training program on 12.03.2019 at NAPES & TS, Gondkahiriy on Safety in Manufacturing and Handling of Detonating Fuse. Deputation of Shri S.Ray, CE along with Shri N.T.Sahu, CCE, Nagpur to the cylinder manufacturing facility of M/s. CMV SRL at Via A. Voltan Italy from 5.6.2018 to 9.6.2018.
19. Deputation of Dr. R. Ali, Dy.CCE, Bhubaneswar along with Shri k. Sudersan, Dy. CCE, Sivakasi for inspection of manufacturing cylinder unit of m/s. TK Fujikin Corporation, Busan, South Korea from 18.3.2019 to 22.3.2019.
20. Dr. M.I.Z Ansari, Dy. Chief Controller of Explosives, Guwahati inspected M/s Fi Wa Rec, Germany along with CE, Nagpur and TPIA from M/s BRE Global, U.K, wef 06/01/2019 to 11/01/2019.
21. Workshops on implementation of Explosives Rules-2008/Ammonium Nitrate Rules, 2012 were organized by the O/o Jt. CCE Kolkata in various Districts of WB to create awareness amongst the District Authorities, Police Authorities and Stake Holders in their respective jurisdiction.
22. Safety Awareness Programme was conducted by the O/o Jt. CCE Kolkata in collaboration with oil companies and other major industries on various safety issues under various Rules e.g. Petroleum Rules 2002. GCR 2016, SMPV (U) Rules 2016.

23. Safety Awareness Programme was conducted by the O/oJt.CCE Kolkata in collaboration with oil companies to create awareness for safety issues with respect to petroleum installations and retail outlets, LPG installations including LPG bottling plants

24. To create awareness amongst the licensee and readers of technical articles, following articles on statutory norms and safety aspects written by Shri S. Ray, CE, Kolkata were published in Gas News, AIIGMA:

- Challenges in Pressure Vessel Design, Fabrication and Testing-- June 2018
- A Lethal Gas Chlorine--- September 2018
- Carbon Dioxide – A Silent Killer-----December 2018
- Safety Challenges in Cryogenic Liquefied Gases Storage-----March 2019

CENTRAL CIRCLE, AGRA

MEETING / SEMINAR/WORKSHOP

1. Smt. Shrawani Ganguly, Junior Hindi Translator attended the meeting of Editing Committee of yearly magazine Braj Bharti, published by TOLIC, Agra on 20.04.2018.
2. Shri Nishanta Mridul, Dy. Controller of Explosives, Smt. Shrawani Ganguly, Junior Hindi Translator and Shri Pramod Kumar Sharma, Upper Division Clerk attended the meeting of Prize Evaluation Committee of TOLIC on 23.04.2018 and Shri Nishanta Mridul, Dy. Controller of Explosives, Smt. Shrawani Ganguly, Junior Hindi Translator evaluated the reports for the year 2017-2018, of all the corporations situated in the town and assisted in finalizing the prize.
3. Shri Purushendra Kumar, Jt.CCE, Dr. R.K.S. Chauhan, CE, Shri Nishanta Mridul, Dy. CE, Smt. Shrawani Ganguly, JHT, Shri Pramod Kumar Sharma, UDC and Shri Madan Mohan Gupta, UDC attended the 73rd Meeting of TOLIC, Agra on 25.04.2018.
4. An administrative Meeting, headed by the Head of Office was organized on 26.06.2018 in the interest of Govt. of India and for smooth functioning of the office work. All the officers and staff participated in the meeting.
5. Shri Purushendra Kumar, Jt.CCE delivered a lecture in Mathura Refinery on 05.06.2018 on the occasion of World Environment Day.
6. Shri Purushendra Kumar, Jt.CCE attended the meeting organized in the Office of Chief Controller of Explosives, Nagpur on 31.07.2018.
7. All the officers and staff of Agra office took an Oath on 29.10.2018 on the occasion of Vigilance Awareness Week.
8. Shri Purushendra Kumar, Jt.CCE attended the meeting organized in the Office of Chief Controller of Explosives, Nagpur on 31.10.2018.
9. A meeting was organized in Agra office on 13.02.2019 on the occasion of Swachhta Pakhwada being celebrated from 01.02.2019 to 15.02.2019.
10. Dr. A. P. Singh, Dy.CCE (Head of Office) chaired a meeting of expert committee in Delhi on 01.03.2019 organized in Chemicals and Petrochemicals Department of Chemicals and Fertilizers Ministry and handed over the report to the Secretary for enforcement of the same in industry.

11. A meeting organized in this office under chairmanship of Dr. T.L. Thanulingam Dy.Chief Controller of Explosives Allahabad for the office matters on 14/05/2018, 04.7.2018, 09.01.2019 & 28.03.2019. All the officers and staff members participated in the same.
12. 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.
13. Sri R.K.Mandloi ,Dy.Controller of Explosives attended ERD organized by M/s IOCL at IOCL Depot Subedarganj on 14.12.2018.
14. Dr.T.L.Thanulingam, Dy.CCE,Allahabad had attended meeting organized by Commissioner Mirzapur regarding Law & Order on 15.09.2018.
15. Dr. T.L.Thanulingam, Dy.CCE,Allahabad attended Half Yearly meeting at NRAKAS, Allahabad regarding official language.
16. Dr. A.K.Dalela, CE, participate regarding inauguration of Newly constructed Kendriya Sadan at Allahabad on 26.06.2018.
17. This office has organized National Yoga divas on 21.06.2018.
18. Shri Rajendra Rawat, CE, Bhopal attended meeting on 13.04.2018 organised by DIG CID CB, Bhopal regarding Explosives Rules, 2008.
19. Shri Rajendra Rawat, CE, Bhopal attended meeting with AE, CPWD on 18.04.2018 regarding Office Building.
20. Shri Rajendra Rawat, CE, Bhopal attended meeting on 20.07.2018 organized by Assistant Secretary, M.P. Government, Bhopal regarding Explosives Rules 2008.
21. Shri Waji Ud Din, Dy.CCE, Bhopal and Shri Rajendra Rawat, CE, Bhopal attended meeting on 23.07.2018 organized by Joint Secretary, M.P. Government, Bhopal regarding Explosives Rules 2008.
22. Shri Waji Ud Din, Dy.CCE, Bhopal attended meeting on 24.08.2018 organized by Joint Secretary, M.P. Government, Bhopal regarding Explosives Rules 2008.
23. Shri Waji Ud Din, Dy.CCE, Bhopal attended meeting on 19.09.2018 organized by Deputy Secretary, M.P. Government, Food & Supply Dept., Bhopal regarding Petroleum Rules 2002.
24. Shri Rajendra Rawat, CE & Shri Tejveer Singh, Dy.CE, Bhopal attended meeting on 30.10.2018 organized by District Magistrate, Bhopal regarding sale, purchase and use of Fireworks on Diwali festival.
25. Shri Deepak Kumar, Dy Controller of Explosives & Sh Kulwant Singh, UDC attended NARAKAS half yearly hindi meeting on 11.06.2018 organized at Survey of India, Dehradun.
26. Shri Prakash Shukla, Joint Director, Rajbhasa Vibhag inspected this office on 18.10.2018.
27. Special Drive was conducted to ensure safety in the fireworks magazines, storehouses and shops. The guidelines were communicated during inspection for safe handling of fireworks while store, handling & use.
28. Shri Ashendra Singh, Controller of Explosives, Raipur has attended the Court Case as a witness in Thane, Maharashtra Court on 10.07.2018.
29. Shri Ashendra Singh, Controller of Explosives, Raipur has chaired in the meeting of ME-16, Subcommittee of BIS at Pune on 07.08.2018 and 08.08.2018 to draft the Indian Standards for Cryogenic Pressure Vessels & Valves.

30. Shri R.H. Borkar, Dy. Controller of Explosives, Raipur has attended the Court Case at Raigarh on 07.08.2018 in connection with Case No. 11A/18, Mr. Narendra Juneja Vs Others.
31. The office building was illuminated during the Independence Day Celebration from 14th to 16th August 2018 as per the directions of the Chief Controller of Explosives, Nagpur.
32. Shri Ashendra Singh, Controller of Explosives, Raipur has delivered a talk on Gas Cylinder's Rules, 2016 in the Safety Awareness Campaign organized by AIIGMA at Delhi on 01.09.2018.
33. Shri. R.H. Borkar, Dy. CE and Shri. G. S. Ghodeswar, LDC of this office has attended Workshop on "Purchase through GeM portal & GFR-2017" on 27.09.2018 and 28.09.2018 in the O/o Chief Controller of Explosives, Nagpur.
34. Shri. Ashendra Singh, Controller of Explosives, Raipur has attended the meeting organized by Principal Secretary, Environment, (Govt. of Chhattisgarh) on 26.10.2018 to discuss various issues related to Green Fireworks in light of Honorable Supreme Court Judgment dated 23.10.2018.
35. Shri. R. H. Borkar, Dy. Controller of Explosives, Raipur has attended Capacity Building Training Program in the office of the Chief Controller of Explosives, Nagpur from 26.11.2018 to 01.12.2018.
36. Shri. R. H. Borkar, Dy. CE and Shri. G. S. Ghodeswar, LDC attended One Day workshop on "GPF/Pension in PFMS module" in the office of Pay and Accounts Office, Nagpur on dated 22.02.2019.
37. Shri R.H. Borkar, Dy. Controller of Explosives, Raipur has attended the First Additional Session Judge, Durg on 25.03.2019 in connection with summons for crime No. 154/10, session case No. 1140/10.
38. Priority wise MAH premises (Licensed and Approved premises) coming under the purview of the Petroleum Act 1934 and Explosives Act 1884 under the jurisdiction of this office were inspected.
39. Technical guidance has been provided to the District Authorities and Visitors as and when required. Continuously interacted with the officers of Oil Companies.

VISITS / SAFETY AUDITS

1. Priority wise MAH premises (Licensed and Approved premises) coming under the purview of the Petroleum Act 1934 and Explosives Act 1884 under the jurisdiction of this office were inspected.
2. Technical guidance has been provided to the District Authorities and Visitors as and when required. Continuously interacted with the officers of Oil Companies.

COURT ATTENDANCE

1. Dr. R.K.S.Chauhan, CE appeared in the Hon'ble Court of JFCM-1, Ernakulam, Kerala on 30.10.2018 in respect of Case No.606/2008.

2. Shri Waji Ud Din, Dy.CCE, Bhopal attended court case on 26.07.2018 at Hon'ble Session Judge Court, Raisen (M.P.)
3. Shri Rajendra Rawat, CE, Bhopal attended Court of Class I Session Judge, Sawar Lake District Jaipur (Raj.) on 18.02.2019 for evidence.
4. Court Attendance- Shri D.Kumar, DCE submitted reply of Writ Petition (Civil) No. 1431 of 2018 to Central Government Standing Counsel on 15.06.2018 at High Court of Uttarakhand, Nainital.
5. Shri Tejveer Singh, Dy.CE, Bhopal attended Hon'ble Court of Session Judge, Pipariya District Hoshangabad on 28.03.2019 for evidence.
6. Shri Ashendra Singh, Controller of Explosives, Raipur has attended the Court Case at Uttar Bastar Kanker on 17.05.2018.
7. Shri R.H. Borkar, Dy. Controller of Explosives, Raipur has attended the Court Case at Raigarh on 07.08.2018 in connection with Case No. 11A/18, Mr. Narendra Juneja Vs Others
8. Shri R.H. Borkar, Dy. Controller of Explosives, Raipur has attended the First Additional Session Judge, Durg on 25.03.2019 in connection with summons for crime No. 154/10, session case No. 1140/10.
9. Shri R.H. Borkar, Dy. Controller of Explosives, Raipur has filed reply in the Honorable High Court of Chhattisgarh, Bilaspur on 23.10.2018 in connection with Case No. WPC 2223 of 2018 Mr. Mukesh Sahu Vs Others.
10. Dr. T.L. Thanulingam, Dy.CCE, had witness in the Hon'ble Principal Asstt. Session Judge Ernakulam on 13.02.2019.
11. Court Case handled by this office for O.A.NO.330/343/2018 Sri D.C. Pandey Dehradun V/s Union of India and others and counter affidavit has been filed by Dr. A.K Dalela , Controller of Explosives, Allahabad on 03/10/2018 through Government standing counsel of India.
12. Court Case handled by this office for O.A. NO.676/2018 Shri D.C.Pandey Dehradun , V/s Union of India and others and counter affidavit has been send by Dr. A.K Dalela , Controller of Explosives, Allahabad through Government standing counsel of India .
13. Notice No. 2177/18 Nand Lal Chauhan Mirzapur V/s Union of India and others regarding PIL. Reply handed over to Government Counsel by Dr. A.K. Dalela for preparation of final reply.
14. Court Case handled by this office for writ petition NO.39528/2018 M/s Satbhore Automobiles Kishni Mainpur V/s Union of India and others and parawise comments handed over to Government Counsel for preparation of final reply by Sri R.K. Mandloi.Dy.Controller of Explosives, Allahabad.

NORTH CIRCLE, FARIDABAD

1. Shri R.N.Meena, Jt.CCE, NC, Faridabad inspected the Office of Dy.Chief Controller of Explosives, Chandigarh on dated **04/05/2018**.
2. The Under Secretary and Director of Ministry of Commerce and Industry, DPIIT, New Delhi visited the O/o of Jt.CCE NC, Faridabad on **24/5/2018**.

3. ShriR.N.Meena, Jt.CCE, NC, Faridabad inspected the Office of Dy. Chief Controller of Explosives, Chandigarh on dated **03/07/2018**.

MEETINGS:

1. ShriR.N.Meena, Jt.CCE, NC, Faridabad attended a meeting in the office of Chief Controller of Explosives, Nagpur on **31/07/2018** to discuss the various administrative issues.
2. One video conference was conducted by the Chief Controller of Explosives, in the conference hall of O/o Jt.CCE, NC, Faridabad on **30/08/2018** with CCE at 3.00pm wherein discourse were made on official issues. The officers of Jt.CCE, NC, Faridabad also attended the video conference.
3. ShriR.N.Meena, Jt.CCE, NC, Faridabad attended Safety Awareness Campaign organized by AIIGMA at Hotel Pullman Aerocity, Delhi on **01/09/2018** as a Chief Guest. He chaired the programme and delivered a presentation on the safety issues related with industrial gases under provision of Gas Cylinders Rules 2016.
4. ShriR.N. Meena, Jt. CCE along with Dr. S.K.Singh, CE attended Sectorial Chairmanship meeting for developing standards under National Standardization Policy at Manak Bhawan, Bahadur Shah Jafar Marg, Delhi on **11/09/2018**.
5. ShriR.N.Meena, Jt.CCE, NC, Faridabad attended 35th Safety Council Meeting at MoPNG Conference, Delhi on **13/09/2018**.
6. ShriK.P. Sharma, CE and ShriR. K. Mandloi Dy.CE, attended a meeting cum training session on **20/9/2018** regarding Government E-Marketing at Udyog Bhavan, New Delhi.
7. ShriRN Meena, Jt.CCE attended a Hindi meeting along with ShriR. K. Mandloi, Dy.CE and ShriAjay Kumar, LDC at NARAKAS, Faridabad on **26/10/2018**.
8. ShriR.N.Meena, Jt.CCE, NC, Faridabad attended the meeting in the office of Chief Controller of Explosives, Nagpur on **31/10/2018** to discuss the official matters.
9. ShriR.N.Meena, Jt.CCE, NC, Faridabad attended the meeting, convened by MoPNG at Shastri Bhawan, New Delhi on **14/11/2018** in respect of installation of VRS at retail outlets in NCT of Delhi and NCR, and door to door delivery of fuel.
10. ShriR.N.Meena, Jt.CCE, NC, Faridabad attended a meeting on **14/12/2018**, convened by MoPNG, Shastri Bhawan, New Delhi and discussed the matters related to installation of Stage-I and Stage-II vapour Recovery System in Petroleum Refuelling Station in compliance of Hon'ble NGT Order.
11. ShriR.N.Meena, Jt.CCE, NC, Faridabad attended a meeting on **19/12/2018** alongwith Chief Controller of Explosives, Nagpur at DPIIT in respect of issues related with industrial licence.
12. ShriR.N.Meena, Jt.CCE, NC, Faridabad attended a meeting on **19/12/2018** convened by at MoPNG, Shastri Bhawan, New Delhi and discussed the matters related to issues regarding installation of Stage-I and Stage-II vapour Recovery System in Petroleum Refueling Station in compliance of Hon'ble NGT Order.
13. ShriR.N.Meena, Jt.CCE, NC, Faridabad attended a Storage Panel Meeting of STEC on **24/12/2018** in the Ministry of Defence, Centre for Fire, Explosives & Environment Safety(CFEES), Brig. S.K.Mazumdar Marg, Timarpur, Delhi.
14. ShriK.P.Sharma, CE with Dr.A.P. Singh,Dy.CE attended Conference with Additional Solicitor General on **25/10/2018, 26/10/2018, 29/10/2018, 28/01/2019, 29/01/2019** and with Central Govt. Standing Counsel at CAT on **20/03/2019**.

15. Shri D.K. Gupta, Dy.CCE attended a Hindi meeting along with Dr. S.K. Singh, CE at NARAKAS, Faridabad on **16/01/2019**.
16. Shri R.N.Meena, Jt.CCE, NC, Faridabad attended a meeting on **31/01/2019** under the Chairmanship of Secretary (C&PC) in New Delhi and discussed the issues raised by Lanxess India Private Limited i.e. transportation of Toluene (Petroleum Class A product) by road in IMDG approved ISO tankers.
17. Shri K.P. Sharma, CE attended a meeting on **01/02/2019** convened by Secretary, Environment & Forest & Climate Change on progress on formulation of green fireworks at Paryavaran Bhawan, Jorbagh, New Delhi & CPCB, New Delhi.
18. Shri R.N.Meena, Jt.CCE, NC, Faridabad attended the Safety Awareness Campaign on **01/03/2019** organized by M/s IOCL, Aviation Division at IIP, New Delhi and delivered a power point presentation on the statutory requirements of Petroleum Rules 2002 in the petroleum installations including Aviation Depots and distributed the prize certificates to the various IOCL officers who attended the programme.
19. Shri R.N.Meena, Jt.CCE, NC, Faridabad attended Quantity Distance Panel Meeting of STEC on **05/03/2019** at Centre for Fire, Explosives & Environment Safety (CFEES), Brig. S.K.Mazumdar Marg, Timarpur, Delhi.
20. Dr. Sanjna Sharma, Dy. Chief Controller of Explosives, Chandigarh conducted a meeting on Swachhta Action Plan (SAP) on **02.05.2018**.
21. Shri M.K. Pandey, Controller of Explosives along with Dr. Vivek Kumar, Controller of Explosives, Chandigarh attended a meeting with the Director, Department of Industries and Commerce, Govt. of Punjab and PESO officials at Udyog Bhawan, Chandigarh regarding fireworks on **22.10.2018**.
22. Shri M.K. Pandey, Controller of Explosives along with Shri Manmeet Singh Manhas, Dy. Controller of Explosives, Chandigarh attended a meeting with the the Director, Department of Industries and Commerce, Govt. of Punjab at Udyog Bhawan, Chandigarh on **25.10.2018**.
23. Shri Gagan Aggarwal, Dy. Controller of Explosives, Chandigarh attended a meeting with DSP, Amloh, District Mandi Gobindgarh, Punjab on **27.04.2018** in respect of a complaint dated 26.02.2018 regarding unlicensed premises of Oxygen/Carbon Dioxide in Mandi Gobindgarh. A administrative meeting was convened by Dr.A.P.Singh, Dy.CCE,Jaipur in the O/o Dy.CCE,Jaipur on 17.04.2018.
24. An administrative meeting was convened by Dr.A.P.Singh, Dy.CCE, Jaipur in the O/o Dy.CCE, Jaipur on 24.07.2018.
25. Shri Nitin Goyal, Dy.CE, Jaipur and Shri D. N. P. Gupta, UDC attended Annual meeting in the O/o Central Government Employees Welfare Committee, Chief Income Tax Office, Jaipur on 28.08.2018.
26. An administrative meeting was convened by Dr.(Mrs.)R.R. Gupta, CE, in the O/o Dy.CCE, Jaipur on 10.10.2018.
27. An administrative meeting was convened by Dr.(MRs.)RR Gupta,CE,in the O/o Dy.CCE, Jaipur on 25.10.2018.

Work Shops/ Training/Seminar/Fire Drills-

1. Shri D.V. Singh, Dy.CE, Jaipur and ShriRohit Chogtu, Steno Gr.III,O/o Dy.CCE, Jaipur attended the workshop for DDO & Accounts concern staff of PESO on “ purchase through Gem Portal & GFR 2017” on 27th and 28th Sept. 2018 at C Block, Ist Floor, CGO Complex, Seminary Hills, Nagpur as per CCE, Nagpur memo No. A-42016/1/Training/2018-19/Expl/NAPES&TS dated 14/09/2018.
2. A workshop was organized by Rajasthan Fireworks Dealers and Manufacturer Association with technical support from PESO, Jaipur on 03.10.2018. Dr.(Mrs.) R.R. Gupta, CE, Jaipur, ShriD.V. Singh, Dy.CE, Jaipur and Shri Nitin Goyal, DyCE, Jaipur also gave power point presentation .
3. Shri Nitin Goyal, Dy.Controller of Explosives, Jaipur attended the capacity building programme for Dy. Controller of Explosives from 08.10.2018 to 13.10.2018 at NAPES & TS, Gondhkhairy, Nagpur.
4. A workshop was conducted by Dr.(Mrs.)R.R. Gupta, CE, Jaipur for “ LPG Cylinder Valve Manufacturing Units under Gas Cylinders Rules 2016” on 19/11/2018. All the PESO officers and technical representative of M/S Bhiwadi Cylinders Limited, Bhiwadi Distt. Alwar were present in the workshop.
5. Emergency Response Drill was conducted by M/s. Indian Oil Corporation Ltd, LPG Bottling Plant, Sitapura Industrial Area, Jaipur on 16/11/2018 which was attended by Shri D.V. Singh, DyCE, Jaipur.
6. Shri D.V.Singh, Dy.Controller of Explosives, Jaipur attended the capacity building programme for Dy.Controller of Explosives from 26.11.2018 to 01.12.2018 at NAPES & TS, Gondhkhairy,Nagpur.
7. ShriNitin Goyal, Dy.CE, Jaipur chaired the demonstration of DCMP Mock Drill (2018-19) conducted by M/s. Bharat Petroleum Corporation Ltd, Territory Office & Bharat Gas Plant, VKI Area, Jaipur on 30/11/2018 in presence of District Authorities and officials from Local Police. Spot prizes were also distributed for doing the excellent work during the mock drill.
8. Shri D.V.Singh, Dy.CE, Jaipur attended the workshop for “ Implementation of Tax deducted at source (TDS) under GST” held on 31.01.2019 at Office of the Additional Director General, National Academy of Customs, Indirect Taxes & Narcotics, Jaipur.
9. Shri D.V.Singh, Dy.CE, Jaipur and Sh.P.N.Sharma, UDC attended one day Workshop on GPF/Pension in PFMS Module at Training Hall, CGO Complex, Block C, Ist Floor, Semanari Hills, Nagpur on 22.02.2019.

LECTURES:

1. Dr. R R Gupta, Controller of Explosives, Jaipur delivered a lecture in the workshop on Safety in Manufacturing, possession ,sale and transport of fireworks on 03.10.2018, which was conducted by Rajasthan Manufacturer and Dealers Associations. Around 25 licensees were present during this meeting.
2. ShriD.V.Singh, Dy.CE, Jaipur delivered power point presentation in the workshop on safety in construction of fireworks shop on 03.10.2018 which was conducted by Rajasthan Fireworks Manufacturer and Dealers Associations.

3. Shri Nitin Goyal, DyCE, Jaipur delivered power point presentation in the workshop on Safety in construction of fireworks magazines and store houses on 03.10.2018, which was conducted by Rajasthan Manufacturer and Dealers Associations.
4. ShriAjai Singh, DyCCE, Jaipur graced the occasion as chief guest and delivered a technical address at the inaugural function of short term course on “Safety Aspects of Storage, Handling and Transportation of Petroleum Products” organised on 07th January 2019 by Department of Chemical Engineering, MNIT Jaipur. The audience for the inaugural function comprised of participants in the course from academic institutes, professionals from Industries and research organisation and research scholars. He motivated the audience by sharing his immense contribution and experience in field of safety engineering. ShriNitin Goyal, Dy.CE, Jaipur also assisted and accompanied him during this function.
5. ShriAjai Singh, Dy.CCE, Jaipur delivered a lecture on Disaster Management (Mitigation & Prevention) in the event Disaster Resilient Rajasthan conducted by Disaster Management Relief & Civil Defence, Govt. of Rajasthan and CII (Confederation of Indian Industries) on 28.02.2019 at SMS Convention Center, Jaipur. ShriNitin Goyal, Dy.CE, Jaipur also assisted and accompanied him during this event. Various delegates from Industry, Government of Rajasthan attended this conference.

TRAININGS:

1. ShriK.P.Sharma, CE attended one week training programme from dated **06/08/2018 to 10/08/2018** at ISTM, New Delhi on e-Tendering, Gem, PFMS and GFR.
2. ShriK.P.Sharma, CE attended training on 20/09/2018 at Udyog Bhawan, New Delhi on GEM.
3. Dr. Mahesh Kumar Samota, Dy.CE attended 127th Training Programme on “Public Procurement” at National Institute of Financial Management (NIFM), Sec-48, Faridabad, Haryana from **24.09.2018 to 29.09.2018**.
4. ShriK.P.Sharma, CE attended a workshop from **27/09/2018 to 28/09/2018** at CCE, Nagpur on PFMS & GEM.
5. Dr. Mahesh Kumar Samota, Dy.CE attended training on “Capacity Building Programme” for Dy. Controller of Explosives at NAPES&TS, Gondkhairy, Nagpur from **08.10.2018 to 14.10.2018**.
6. Dr.A.P.Singh, Dy.CE, attended a training programme on “Capacity Building for Dy.Controller of Explosives” from **26/11/2018 to 01/12/2018** organized by HQ, Nagpur.
7. Dr. A.P.Singh, Dy.CE, attended a training programme organized by the office of CCE, Nagpur on GPF/Pension in PFMS module on **22/02/2019**.
8. Shri H.K. Sharma, CE attended a training programme on “Safety in Manufacturing and Handling of Detonating Fuse” at National Academy for Petroleum and Explosives Safety and Testing Station, Gondkhairy, Nagpur on **12.03.2019**.
9. ShriK.P.Sharma, CE attended a training programme intended for “capability assessment of EKC international for manufacturing & testing facilities for seamless cylinders” at Dubai from **23/03/2019 to 29/03/2019**.

10. Dr. Vivek Kumar, Controller of Explosives, Chandigarh and Shri R.S. Nikhare, Stenographer Grade II of this office attended a training on “Purchase through GeM Portal & GFR 2017” in the office of Chief Controller of Explosives, Nagpur on 27.09.2018 and 28.09.2018.
11. Dr. Vivek Kumar, Controller of Explosives and Shri M. A. Karim, UDC of this office attended one day workshop on GPF/Pension in PFMS organized by PAO, Nagpur on 22.02.2019 in the office of Chief Controller of Explosives, Nagpur.
12. Shri Manmeet Singh Manhas, Dy. Controller of Explosives, Chandigarh attended a “Capacity Building Programme” for the Dy. Controller of Explosives held in the office of Chief Controller of Explosives, Nagpur from 26.11.2018 to 01.12.2018.
13. Inspection of Major Accident Hazard (MAH) installation under various Rules like Petroleum Rules 2002, Gas Cylinder Rules 2016(amended), SMPV (U) Rules 2016, and Explosives Rules 2008 LPG bottling plants, Explosives factories were conducted.
14. Safety audit of M/s Super Shiv Shakti Chemicals (P) Ltd., Chittorgarh, Rajasthan was carried out by a joint team of PESO officers comprising of Shri K P Sharma, Controller of Explosives, NC, Faridabad, Shri H.K. Sharma, Controller of Explosives, NC, Faridabad and Shri Nitin Goyal, Dy.CE, Jaipur from 01.03.2019 to 03.03.2019.
15. Safety audit of M/s Deejay Dynamix Ltd, Ajmer was carried out by a joint team of PESO officers comprising of Shri K P Sharma, Controller of Explosives, NC, Faridabad, Shri H.K. Sharma, Controller of Explosives, NC, Faridabad and Shri Nitin Goyal, Dy.CE, Jaipur from 04.03.2019 to 05.03.2019.
16. Special inspection drive was undertaken for fireworks manufacturing factories, magazines and shops inspection during Deepawali festival.
17. Approx. 56 police exhibits were examined in the State of Rajasthan.
18. Workshop/Seminars were organized and various lectures were delivered.
19. Several meetings were conducted related to fireworks safety, safety in explosives handling transportation, manufacturing and use.
20. A meeting of representatives/owners of CNG cylinder testing stations was convened in order to sensitize them about safety precautions during testing of CNG cylinders and to facilitate online filing of applications.
21. A meeting was convened in this office with senior officials of Oil/CNG companies i.e. M/s IOCL, M/s BPCL, M/s HPCL & IGL to sensitize them about handling, storage, transportation and dispensing of petroleum/CNG in order to avoid any untoward incident.
22. In order to ensure effective fire fighting, adequate no. of fire fighting devices such as DCP and CO2 type fire extinguishers have been provided at key locations in the office premises. Further the officials of North Circle, Faridabad were imparted training on fire fighting.
23. Initiatives have been taken by this office to render efficient, prompt and courteous service to all licensees, public and industry with complete transparency in the official working through optimum utilization of available human resources while keeping in view National Interest and Safety First motto.
24. The officers co-ordinate with the State Govt. authorities and other Central Govt. Departments in the matter/queries related to various acts/rules administered by this Organization as well as safety issues.

Court Cases:

1. Shri R.N.Meena, Jt.CCE,NC, Faridabad attended the Hon'ble CBI Court of CBI, at Chandigarh on **04/05/2018** in respect of court case of Shri Shyam Singh Chauhan, Assistant, (U/s), O/o Dy.Chief Controller of Explosives, Chandigarh.
2. Dr. A. P. Singh, Dy CE attended the court on **27/6/2018** regarding Summons to a Witness, FIR No. 467/10, U/s 384/34, Police Station-Najafgarh, Delhi, in the Hon'ble Court of Chief Metropolitan Magistrate, South West Distt. Dwarka Court New Delhi.
3. Shri R.N Meena, Jt. CCE, attended CBI court at Chandigarh on **03/7/2018** regarding court case of Shri Shyam Singh Chauhan, Assistant (under suspension), Chandigarh.
4. Shri H.K.Sharma, Controller of Explosives, attended Tees Hazari Court, Delhi on dated **16/08/2018** in connection of FIR No. 275 of 2008 in compliance of summon issued by Hon'ble Metropolitan Magistrate, Tees Hazari Court, Delhi.
5. Dr. M.K.Samota, Dy.CE appeared before the Hon'ble Court of Judicial First Class Magistrate-I, Alathur, Distt.-Palakkad(Kerala) on **04/09/2018** and testified the concerning matter pertaining to case 643/14, Crime No. 648/12 of Vadakkendherry P.S. and Case No. 358/14, Crime No. 502/12 of Vadakkencherry P.S.
6. Dr. M.K.Samota, Dy.CE, appeared before the Hon'ble Additional Distt. And Sessions Judge-II, Additional MACT, Kalpetta, Distt. Wayanad(Kerala) on **12/11/2018** at 10.30A.M. and given material evidence in the matter pertaining to Case No. SC-339.
7. Shri H.K.Sharma, Controller of Explosives, attended Tees Hazari Court, Delhi on **29/11/2018** in compliance of summon issued by Hon'ble Metropolitan Magistrate, Tees Hazari Court, Delhi.
8. Shri K.P. Sharma CE attended Hon'ble Supreme Court of India on **25/1/2019** and filed affidavit regarding '**C.W.P. no. 728 of 2015**' (**Arjun Gopal & ors Vs UOI & Ors**) at New Delhi.
9. Shri K.P Sharma CE attended Hon'ble Supreme Court of India on **28/1/2019** and met ASG, attended conference with him and filed revised affidavit along with all annexure regarding '**C.W.P. no. 728 of 2015**' (**Arjun Gopal & ors Vs UOI & Ors**) at New Delhi.
10. Shri K.P. Sharma CE attended Hon'ble Supreme Court of India on **28/01/2019** and **29/1/2019** regarding '**C.W.P. no. 728 of 2015**' (**Arjun Gopal & ors Vs UOI & Ors**) at New Delhi.
11. Dr. A.P.Singh, Dy.CE attended a court case on **28/01/2019** and **29/1/2019** with Shri K.P. Sharma, CE in the matter related with CWP no. 728 of 2015 in Hon'ble Supreme Court, at New Delhi.
12. Shri K.P. Sharma CE attended Hon'ble Supreme Court of India on 19/07/2018,04/09/2018,25/10/2018,26/10/2018,30/10/2018,31/10/2018,28/01/2019, 29/01/2019 regarding '**C.W.P. no. 728 of 2015**' (**Arjun Gopal & ors Vs UOI & Ors**) at New Delhi.
13. Shri K.P. Sharma CE filed the counter affidavit in Hon'ble Supreme Court of India on **30/10/2018, 28/01/2019** and filed affidavit in CAT on **25/04/2018**. Writ Pet. No. 5500/2018 titled by Shri Pura Ram V/s Union of India & Others in the Hon'ble High Court of Judicature for Rajasthan at Jodhpur. Reply filed by Standing Council in court on 12.04.2019 and judgment is pending.
14. SBC Writ Pet. No. 10189/2018 filed by M/S Omkar Bharat Gas, Prop: Saumitra Godhala V/s Union of India through Dy.Chief Controller of Explosives, Jaipur & M/S Bharat Petroleum Corporation Ltd.,Jaipur in the Hon'ble High Court of Judicature for

- Rajasthan at Jaipur Bench, Jaipur. Reply filed by Standing Council in Hon,ble court on 02.11.2018 and judgment is pending.
15. SBC Writ Pet. No. 19363/2018 filed by M/S Sangam Sagar Apartment Vikas Samiti, Jaipur V/s Union of India and others in the Hon'ble High Court of Judicature for Rajasthan at Jaipur Bench,Jaipur. Reply filed by Standing Council in court on 29.09.2018 and judgment is still pending.
 16. W.P. No. 150/2018 filed by Shri Prakash Sindhvani of M/S Vijay Motors V/S Union of India & Others in the Hon'ble Civil Court, Udaipur City North, Udaipur. Reply filed by Standing Council in court and judgment given by honorable court in favor of the pump dealer.
 17. CWP No. 13384/2018 filed by Shri Chandan Singh V/S Union of India & Others in the Hon'ble High Court of Judicature for Rajasthan at Jodhpur. Reply filed by Standing Council in court on 14.03.2019 and judgment is pending.
 18. Wad No. 19/2017 filed by Shri Jagdish Jethliya V/S Pushpa Bai & Others in the Hon'ble Civil Judge & Judicial Magistrate, Bundi. Reply filed by P.P. Govt. Advocate in court on 12.02.2019 and Judgment is pending.

Chapter-8

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'	17	09	31
2	Group 'B'	10	03	06
3	Group 'C'	43	22	54
4	Group 'D'	14	06	09

8.2 REPRESENTATION OF PHYSICALLY DISABLED PERSONS IN SERVICE

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

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

S.No.	Category of Post	No. of Physically Handicapped Persons
1	Group 'A'	1
2	Group 'B'	0
3	Group 'C'	6
4	Group 'D'	0

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 2018-19 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 almost all the 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 (TOLIC)

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 7th & 8th half yearly meeting of Town Official Language Implementation Committee held on 18/05/2018 and 24.10.2018 respectively. In order to promote hindi, Inter-office competition –*Hindi Essay competition (Hindi speaking and non hindi speaking)* was organized on 08.08.2018 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 17th issue of in-house 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. Also the office of the Jt. Chief Controller of Explosives, Agra publishes its journal “Madhyanchal Darpan” and Jt. Chief Controller of Explosives, Kolkata publishes its journal “Purvanchal Darpan” in hindi.

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 are 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 2017-2018**
Received Second Prize for Incentive prize for excellent performance in implementation of Official Language.
Received 3rd prize for its Hindi Magazine “Visphotak Darpan” Issue-15
Received 3rd prize for its PESO Newsletter
- **O/o Jt. Chief Controller of Explosives, Central Circle, Agra**
Under Town Official Language Implementation Committee, Agra
The office of Joint Chief Controller of Explosives, Agra was awarded First Prize, for the Year 2018-2019, for their excellent performance in implementation of Official Language by the TOLIC, Agra.

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, **18859** premises (out of total **123940** units licensed) were inspected. This amounts to inspection of 15.21 % of the total premises. The inspected premises mentioned above include **6026** licensed premises under Explosives Rules, 2008; **6165** licensed premises under Gas Cylinder Rules, **4746** licensed premises under SMPV (U) Rules and **224** licences premises under Ammonium Nitrate Rules, 2012.

UNDER PETROLEUM ACT, 1934

During the year, **6038** premises licensed were inspected, which amounts to about 2.88% of the total **211471** licensed premises. The above inspections include 6026 premises licensed under Petroleum Rules, 2002 and 12 premises licenced under Calcium Carbide Rules, 1987.

In all out of **335411** premises covered under various licenses granted by this Organization under various Acts & Rules, **24897** premises (7.42%) were inspected during the year 2018-19. 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.

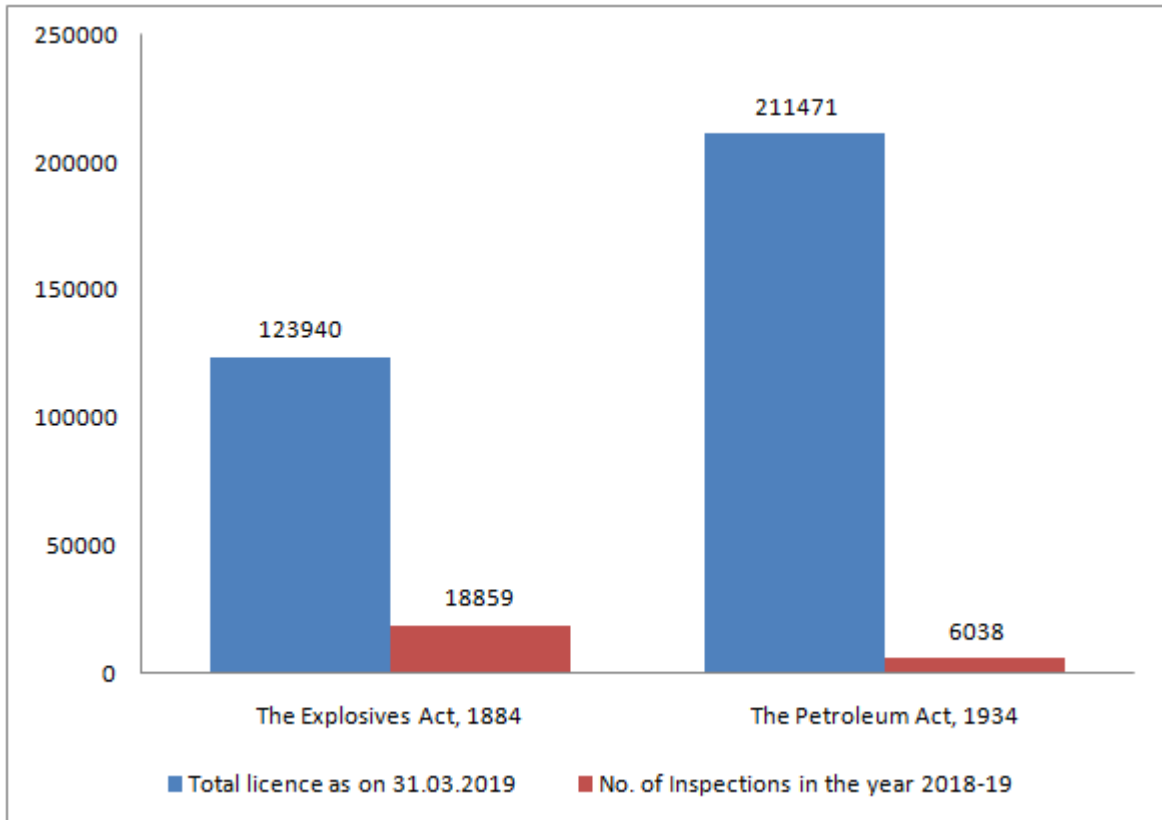
TABLE – I**DETAILS OF INSPECTION CARRIED OUT DURING THE YEAR 2018-2019**

Rules	Total licence as on 31.03.2018	License in the year 2018-19	Total licence as on 31.03.2019	No. of Inspections in the year 2018-19
Ammonium Nitrate Rule, 2012	1384	330	1332	224
Explosives Rules, 2008	47593	4345	48374	7724
Gas Cylinder Rules, 2004	27794	2131	31994	6165
SMPV(U) Rules, 1981	40080	11620	42240	4746
Petroleum Rules, 2002	194485	16440	210925	6026
Calcium Carbide Rules, 1987	530	16	546	12
Total	311866	34882	335411	24,897

TABLE II**DETAILS OF CANCELLATION, SURRENDER, SUSPENSIONS AND REVOKATION CARRIED OUT DURING THE YEAR 2018-2019**

Sr. No	RULES	Cancellation of licence	Surrender of licence	Interim suspension of licence	Suspension	Revokation	Show cause notice
1	Ammonium Nitrate Rule, 2012	-	-	-	-	-	43
2	Explosives Rules, 2008	-	-	-	-	-	2305
3	Gas Cylinder Rules, 2004	26	106	11	08	96	179
4	SMPV(U) Rules, 1981	115	1053	07	21	66	56
5	Petroleum Rules, 2002	164	859	24	29	222	371
6	Calcium Carbide Rules, 1987	-	02	-	-	-	-
	Total	305	2020	42	58	384	2954

Chart showing number of licensed premises and number of inspection carried out during 2018-19.



ACCIDENT INVESTIGATION DURING THE PERIOD 2018 -2019

SOUTH CIRCLE, CHENNAI

A. EXPLOSIVES ACT, 1884

A.1 Explosives Rules, 2008

1. **Date:** **Place:** Erode Distt. Tamilnadu
Killed: 3 **Injured:** Nil

Fire and explosion occurred in unauthorized premises during unloading of fireworks from vehicle near House No. 110, Vinayagar Koil Street, Shashtri Nagar near Karuppannasamy temple, Erode Distt. Tamilnadu-638002.

Probable cause of accidents: Accident has occurred due to mishandling of the fireworks by the untrained person.

2. **Date:** 6.4.18 **Place:** Sivakasi
Killed: 5 **Injured:** 1

Fire/explosion occurred on 6.4.18 in the fireworks factory of M/s SKS Fireworks covered under licence No. E/HQ/TN/20/1285 (E61434) while carrying out manufacture aerial fireworks. As a result, one 6 workers sustained burn injuries and admitted in the Govt. Hospital, Sivakasi. Out of 6, 5 workers succumbed to their injuries at the hospital.

Probable cause of accidents: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the accident occurred Due to friction between the black pellets and mud packed in the paper tube while ramming the inner shell.

3. **Date:** 6.4.18 **Place:** Sivakasi
Killed: 1 **Injured:** Nil

Fire/explosion occurred on 25.4.18 in the fireworks factory of M/s National Paper Caps covered under licence No. E/HQ/TN/20/728 (E27339) while carrying out weighing of phosphorous chemical in the ingredient shed. As a result, one worker sustained burn injuries and succumbed to his injuries at the hospital.

Probable cause of accidents: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the accident occurred Due to friction which initiated fire to the red phosphorous.

4. **Date:** 18.5.19 **Place:** Sivakasi
Killed: 1 **Injured:** Nil

Fire/explosion occurred on 18.5.19 in the fireworks factory of M/s Natesh Fireworks covered under licence No. E/HQ/TN/20/1296 (E47012) due to lighting. As a result, one worker was killed on the spot.

Probable cause of accidents: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the accident occurred due to lightning.

5. **Date:** 15.6.19 **Place:** Sivakasi
Killed: 4 **Injured:** Nil

Fire/explosion occurred on 15.6.19 in the fireworks factory of M/s Supreme Pyro Works covered under licence No. E/HQ/TN/20/1073 (E33368) while filling paper tubes of whistling chakkar with whistling composition.. As a result, 4 workers sustained burn injuries and admitted in the Govt. Hospital, Sivakasi where they succumbed to their injuries.

Probable cause of accidents: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the accident occurred due to friction while ramming of dry chemical composition containing potassium perchlorate as one of the ingredient.

6. **Date:** 4.8.18 **Place:** Madurai
Killed: Nil **Injured:** 1

Fire/explosion occurred on 4.8.18 in M/s National Paper caps factory covered under licence No. E/HQ/TN/20/728 (E27339) while handling amerces sheets. As a result one worker sustained burn injuries and admitted in a private hospital at Madurai.

Probable cause of accidents: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the accident occurred due to friction while handling amerces sheets in working table.

7. **Date:** 13.8.18 **Place:** Sivakasi
Killed: 1 **Injured:** 1

Fire/explosion occurred on 13.8.18 in the fireworks factory of M/s JPR Fireworks covered under licence No. E/HQ/TN/20/477 (E48251). As a result, two workers sustained burn injuries and admitted in the Govt. Hospital, Sivakasi. Out of 1, one worker succumbed to his injuries at the hospital.

Probable cause of accidents: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the accident occurred due to decomposition of chemical composition when contacted with moisture.

8. Date: 1.9.18 **Place:** Sivakasi
Killed: 1 **Injured:** 1

Fire/explosion occurred on 1.9.18 in the fireworks factory of M/s Ayyanar Fireworks Industries covered under licence No. E/HQ/TN/20/1168 (E24671). No worker was involved in the accident.

Probable cause of accidents: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the accident occurred due to decomposition of colour pellets and aluminum powder.

9. Date: 23.7.18 **Place:** Sivakasi
Killed: Nil **Injured:** Nil

Fire/explosion occurred on 23.7.18 in the fireworks factory of M/s Standard Fireworks (P) Ltd., covered under licence No. E/HQ/TN/20/1077 (E29126) No worker was involved in the accident.

Probable cause of accidents: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the accident occurred due to contamination of chipped cake resulted friction between the rollers.

10. Date: 21.1.19 **Place:** Sivakasi
Killed: Nil **Injured:** 1

Fire/explosion occurred on 21.1.19 in M/s Rasi Paper Caps Industries covered under licence No. E/HQ/TN/20/853 (E32137). As a result one worker sustained burn injuries.

Probable cause of accidents: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the accident occurred due to friction developed while straightening the warped amerces sheets in bunches by the worker.

11. Date: 22.2.19 **Place:** Sivakasi
Killed: Nil **Injured:** 1

Fire/explosion occurred on 22.2.19 in M/s Aruna Paper Caps industries covered under licence No. E/HQ/TN/20/870 (E32163). As a result one worker sustained burn injuries.

Probable cause of accidents: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the accident occurred due to friction resulted rubbing of dried amerces composition over the hard surface of the floor.

12. Date: 15.3.19 **Place:** Sivakasi
Killed: 1 **Injured:** 1

Fire/explosion occurred on 15.3.19 in M/s Sri Gurulakshmmi Fireworks covered under licence No. E/HQ/TN/20/1223 (E52742) while destruction of waste fireworks in a pit located outside the fireworks factory. As a result two workers sustained burn injuries. Latter, one worker was succumbed his injures at the Hospital.

Probable cause of accidents: From the statements obtained and the circumstantial evidence gathered during the investigation and interaction of the witness it was evident that the accident occurred due to careless handling of waste fireworks.

13. Date: 15.3.19 **Place:** Warangal
Killed: 12 **Injured:** 10

Fire/explosion occurred on 04/07/2018 during manufacturing of fireworks at M/s. Bhadrakali Fireworks licensed by D.M. Warangal. During manufacturing of fancy fireworks by electrically operated mixer, short circuit occurred and the fireworks composition got ignited. The fire propagated throughout the factory and storage area. In accident 12 persons died and 10 injured.

14. Date: 09.01.2019 **Place:** Siddipet, Telangana
Killed: 01 **Injured:** Nil

An explosion occurred in illegally stored explosives at Siddipet, Telangana on 09.01.2019. The explosives, detonators, ammonium nitrate, detonating fuse, safety fuse were stored unauthorisedly instead of storing in explosives magazine. The accident occurred during loading of explosives and accessories in auto rickshaw. The unpacked detonators ignited when fallen on earth during loading of explosives in auto rickshaw. As a result, the un-authorized store containing explosives and auto rickshaw exploded killing one person.

15. Date: 19/12/2018 **Place:** Sanathnagar, Kukatpally, Ranga Reddy District
Killed: Nil **Injured:** 01

An accident occurred in the explosive manufacturing premises of M/s. Gulf Oil Corporation Limited, Sanathnagar, Kukatpally, Ranga Reddy District. The accident occurred on 19/12/2018 at 3.30 p.m., during detonator filling and pressing in building No. 46D (licence

No.E/HQ/TG/20/76 (E13741), The incident occurred during delay element insertion and pressing in the filled shells. The contract operator, Sri M. Sachin Kumar, S/o. Sri M. Ashok, about 20 years age was engaged in the process of insertion of delay element (250 ms) in the filled shell at Cubicle No.3E of the building. During the operation of insertion of delay element in filled shells, the explosion took place. The accident took place due to insertion of over sized delay element and unable to remove pins from the filled shell. Since, the pins are not withdrawn from the filled shell, the operator tried to remove ladle from the press. The explosion occurred due to friction and forceful withdrawal of ladle.

16. **Date:** 21/02/2019 **Place:** Chityal, Nalgonda Dist.
Killed: Nil **Injured:** 02

A fire accident occurred in aluminum metal powder store (building 9A) and in explosive road van bearing Registration No.AP-24/TC-3377 covered under licence No.E/SC/TG/25/704 (E79419) & No.E/HQ/TG/20/52(E40808) belonging to M/s. Ideal Industrial Explosives Limited, Chityal, Nalgonda Dist. on 21/02/2019 at 1.05 p.m. The fire accident occurred during weighing of aluminium metal powder. The operator dragged the weighing machine during weighing operation. The spark generated due to friction which catches fire on spilled metal powder over the floor. The fire propagated and spread in metal powder store and weighed bags kept in explosives van. As a result, the metal powder 16.2 M.T kept in store gutted in fire.

17. **Date:** 03.08.2018 **Place:** Hathibelgal Village, Alur Mandal, Kurnool District
Killed: 10 **Injured:** 05

A fire accident on 03.08.2018 there was a massive explosion occurred at 08.15 PM in the quarry of M/s Vigneshwara Stone Crusher, Prop. Shri V. Srinivasa Chowdari, Hathibelgal Village, Alur Mandal, Kurnool District in which 10 people were killed and 5 persons injured. Prima facie huge quantities of explosives were stored illegally resulting in explosion at the granite quarry site.

- 18 **Date:** 07.04.2018 **Place:** Vellore, Dist. Vellore, T.N.
Killed: 04 **Injured:** 01

An explosion occurred in a DM licensed fireworks premises where iron implements were used for manufacturing of fireworks. The cause of accident was due to possibility ignition of the fireworks composition by the act of smoking or generation of spark during use of iron implements for manufacturing of unauthorized fireworks.

GAS CYLINDER RULES, 2016 (Unlicensed PREMISES)

1. **Date:** 05.12.2018 **Place:**Bangalore
Killed: 01 **Injured:** 03

On 5th December 2018, at about 2:25 pm, an explosion occurred at the Laboratory for Hyper Sonics and Shock Wave Research, Dept. of Aerospace Engineering, Indian Institute of Science (IISc), Bangalore. M/s. Super Wave Technology Pvt. Ltd., Bangalore - a start-up company with equity holding from IISc started by Prof. G. Jagadeesh and Prof. K.P.J. Reddy,

Professors of Dept. of Aerospace Engineering, IISc, Bangalore had been carrying out experiments to study the crack propagation mechanism in rocks upon shock waves in their laboratory of Hyper Sonics and Shock Wave Research.

The explosion was triggered in a pressurized high-pressure industrial gas cylinder-filled with pre-mixed Hydrogen & Oxygen Gases meant for initiating shock waves- when the preparatory work to setup the experiment was in progress, resulted in killing 1 and injuring 3 persons. The deceased and injured persons were employees of M/s. Super Wave Technology Pvt. Ltd.

Under Petroleum Act, 1934

Under Petroleum Rules, 2002

1. **Date:** 28.09.2018 **Place:** Chennai Dist. T.N.
Killed: Nil **Injured:** Nil

An explosion occurred Fire occurred in a retail outlet of M/s Indian Oil Corporation Limited situated at Chennai Distt. Tamilnadu, covered under license No. P/SC/TN/14/1100(P32750) at about 16.30 Hrs on 28.09.2018

Probable cause of accidents:

There was a fire during decanting of the MS from the petroleum road tanker to the underground tank. It might be due to generation of static charge.

2. **Date:** 13.09.2018 **Place:** Tirunelveli Dist. T.N.
Killed: 1 **Injured:** Nil

An explosion Fire occurred in a motorcycle fuel tank during refueling at a retail outlet of M/s Bharat Petroleum Corporation Limited situated at Tirunelveli Distt. Tamilnadu, covered under license no. P/SC/TN/14/1806(P35327) at about 06.45 Hrs on 13.09.2018.

Probable cause of accidents:

There was overflow of MS from fuel tank of the motorcycle when the rider tried to start the bike it caught fire due to malfunctioning of spark plug and rider was burnt severely.

3. **Date:** 19.06.2018 **Place:** Giryapura vill, Kadur taluk, Chickmagalur Dist., Kar,
Killed: 1 **Injured:** Nil

One petroleum class A/B tank truck bearing registration no. KA17A 6437 transporting 5KL MS and 15KL HSD loaded at M/s HPCL, Hassan depot on 19.06.2018 was proceeding towards retail outlet situated at Davanagere. As per the information received, while negotiating sharp right turn on 7.5 meter wide State Highway at village Giryapura, the driver (who was alone in the vehicle) lost the control and vehicle toppled towards its left. Subsequently, the vehicle fell in the ditch adjacent to the road, which was 2 to 3 ft below the road level resting on its left side. The petroleum products loaded in the compartments of the tanker started leaking followed by huge fire. In this accident, the driver of the vehicle suffered severe burn injuries and subsequently succumbed to the injuries.

4. **Date:** 16.01.2019 **Place:** IOCL Katha No. 9189 Dist: CHITRADURGA, Karnataka.
Killed: 1 **Injured:** 01

A fire accident occurred one Petroleum Class A/B tank truck bearing registration No. KA-16 B0495, covered under Licence No.P/SM/KA/11/5322 (P235263) was unloading Class A products in to the underground tank of the Retail Outlet at Chitradurga on 16.01.2019. As per the information received at about 1900 hrs huge flame appeared from the vent pipe of the MS tank in which unloading of MS was going on. The flame occurred from the vent pipe at a height of 0.5 Meters from the floor level at the silica gel glass portion. The son of the retail outlet owner immediately tried to extinguish the fire using Fire Extinguisher, but could not do that as huge flames came near him due to wind. He then left the extinguisher and pressed the Emergency Shut Off button in the sales building and ran away to a safer distance. Meanwhile, the driver of the tanker and his assistant tried to stop unloading of MS by disconnecting the pipe, which resulted in the leakage of MS and the fire spread to the discharge hose and the truck. About 500 liters of petroleum class A in the tank truck lost in the fire. The driver of the tanker and his assistant who were standing near the truck/fill point suffered severe burn injuries and ran away from decanting area. Local Fire Station was informed and Fire Tenders rushed to the spot, put off the fire and all clear signal was given at about 2054 hrs. The driver of the tanker and his assistant suffered severe burn injuries were hospitalized. The assistant of the tank driver Shri Naushad Khan succumbed to burn injuries on 20/01/2019 at St. John's Medical College Hospital, Bangalore.

WEST CIRCLE, NAVI MUMBAI

A. EXPLOSIVE ACT, 1884

A.1 Explosives Rules, 2008

1. **Date:** 23.06.2018 **Place:** Vill: Lunsar, Tal: Wankaner, MORBI, Gujarat
Killed – Nil **Injured – Nil**

An accident due to Explosion occurred on **23-Jun-2018 at about 7.00 PM** at the Explosive magazine premises of **M/s Vasuki Trading Company, at Survey no: 42/1, Vill: Lunsar, Tal: Wankaner, MORBI, Gujarat** covered under licence No.E/HQ/GJ/22/198 (E60542) in Form 22 due to Explosion in the detonator room of the magazine. In the accident the explosives magazine was completely razed to ground, however no person was injured or killed. The cause of the accident could have been due to lightning.

A.2 AMMONIUM NITRATE RULES, 2012

1. **Date:** 28/11/2018 **Place:** Mumbai-Agra Highway Dist: Nasik, M.S.
Killed – 01 **Injured – 02**

An Ammonium Nitrate loaded truck met with an accident at Mumbai –Agra Highway, NH-3, Chandwal, Nasik while proceeding to Saran Ponor Limited, Madhya PradeShriThe driver of the truck lost control when a Car which was playing just ahead suddenly pressed break.

2. **Date:** 03/04/2018 **Place:** Khamgaon, District: Buldhana, M.S.
Killed – 01 **Injured – 01**

An Ammonium Nitrate loaded truck met with an accident on 03/04/2018 near Kolori Village in Khamgaon City on NH-06 while proceeding to Singrauli, Madhya Pradesh after loading Ammonium nitrate from M/s. Rashtriya Chemicals & Fertilizers Ltd. Plant at Sion, Mumbai. The driver of Ammonium Nitrate melt vehicle lossed control when a trailer coming from the opposite side. The Ammonium Nitrate truck slipped off to the left side of the road and leakage of Ammonium Nitrate melt started on the spot as the trailer running gear metal body part was penetrated into the Ammonium Nitrate vessel body and ruptured it. As a result the driver and cleaner suffered major burn injuries.

3. **Date:** 17/05/2018 **Place:** Solapur District: Solapur
Killed – 01 **Injured – Nil**

An Ammonium Nitrate loaded truck met with an accident on 17/05/2018 at NH-65 Solapur-Hyderabad National Highway, District Solapur while proceeding to Raigad after loading 21 MT of Ammonium Nitrate from M/s. Inox Air Products Pvt. Ltd, Hyderabad. The truck hit to Ammonium Nitrate loaded vehicle coming from the back sidedue to break failure. As a result the driver had suffered major injuries in both legs due to the impact of collision. There were no damage and no loss of Ammonium Nitrate from the bags.

A.3 SMPV (U) Rules, 2016

1. **Date:** 20/10/2018 **Place:** CNG Dispensing Facility at HPCL, Malad West, Mumbai,
Injured – 03 **Killed – Nil**

A blast was occurred in CNG cylinder fitted in an Auto Rikshaw while CNG filling at CNG dispensing unit of M/s. HPCL, Malad (W), Mumbai on 20/10/2018 at about 8.00 AM Three persons were injured in the accident. Cause of accident is under investigation.

2. **Date:** 17/06/2018 **Place:** Hatkangle Dist: Kolhapur, M.S.
Killed – 01 **Injured – 02**

An accident involving explosion in a CO2 filled cylinder kept in the truck at M/s. Gayatri Enterprises, Jawahar Nagar, Kolhapur on 17/06/2018. The cylinders wre placed in a truck in a such manner that to takeout 40 empty cylinders of oxygen, the other 13 nos. of CO2 filled cylinders were needed to be taken out from the vehicle. After completion of unloading

of cylinders from the vehicle to cylinder storage area, The Assistant Sales Manager along with driver of the vehicle proceeded for billing purpose, while doing so at about 11.30 AM one of the CO2 gas cylinder was exploded with loud and resulting the entire filling plant was filled with dust. The Assistant General Manager was died in the accident and other two injured persons were admitted in the hospital for treatment.

A.3 Gas Cylinder Rules, 2004

- 1 **Date:** 26/06/2018 **Place:** Godhbander Road, Near Kajupada DistThane, M.S.
 Killed – Nil **Injured** – Nil

A loaded LPG tanker bearing Reg. No.MH-12 MV7298 having licence No.S/WC/MH/04/ 8891 (S75833) while proceeding to M/s. BPCL, Wada plant from M/s. BPCL, Uran LPG territory met with an accident on Godhbander Road near Kajupada on 26/06/2018 at about 5.45 AM. The tanker toppled on left side of the road.

2. **Date:** 24/06/2018 **Place:** Navi Jithardi, Karjan, Vadodare, Guj
 Killed – Nil **Injured** – 2

An accident due to Explosion of DA gas cylinders occurred on 24-Jun-2018 at about 4.15 PM at the Gas Cylinder premises of M/s. Panchmahal Gases Pvt. Ltd.Navi Jithardi, Karjan, Vadodara, VADODARA, Gujarat covered under licence No.G/HO/GJ/05/429 & G/HO/GJ/06/410(G16601) in Form E &F. In the accident 2 persons were injured and the DA cylinder filling and storage shed was partially damaged. The cause of the accident could have been due to use of improper filling tube

B. PETROLEUM ACT, 1934

A.1 Petroleum Rules, 2002

1. **Date:** 08/08/2018 **Place:** BPCL Refinery, Mahul, Dist, Mumbai, M.S.
 Killed – Nil **Injured** – 41

A fire accident occurred on 08/08/2018 at about – after leakage of gas in the reactor effluent air fin cooler section of Hydrocracker unit of M/s. BPCL, Mumbai Refinery. In the accident 41 persons were injured, among them 19 persons were given first aid and send back to work and 15 persons were discharged out of 22 Nos. hospitalized.

CENTRAL CIRCLE, AGRA

A. EXPLOSIVES ACT, 1884

A.1 Explosives Rules, 2008

1. **Date: 26/10/2018** **Place : Kakarala road, Dist. Budaun (U.P.)**
Killed : 08 **Injured : 04**

An accident occurred on 26/10/2018 at around 4:00 PM in the premises covered under license no. 63/civil lines issued by DM, Budaun in form LE-5(a) for possession and sale small arm nitro compound not exceeding 25 kg at any one time from shop. The licensee was making fireworks / aerial items and flower pots in large quantity for upcoming Deepawali festival. Suddenly fire and explosion broke out. Heavy loss to nearby house, shops and machineries was also caused.

2. **Date :18/03/2019** **Place - Mukeriganj Mohalla District: Azamgarh**
Killed : 07 **Injured : 09**

An accident occurred on 18.03.2019 in unauthorized fireworks premises of M/s S.K.Road Light and Rath (Sheesh Mahal) at Mukeriganj Azamgarh. The said shop was exhibiting tent house items and fireworks were stored illegally at backside of the shop. Spark from welding of staircase initiated the fire and engulfed the building. The fire escalated due to burning of fireworks and also due to LPG cylinder. The persons present in the shop and residence the above got trapped.

Gas Cylinder Rules 2016

3. **Date: 28/03/2019** **Place - Jagdish Patti, Line Bazar, Jaunpur.**
Killed : 05 **Injured : 07**

Blast in Oxygen cylinder occurred on 30.03.2019 in unauthorized premises/ shop of M/s Singh Oxygen and Medical agency at Jagdish Patti, line bazar near railway crossing, Jaunpur UP. The probable causes of accident were (1) due to presence of oil /grease inside the accident involved cylinder (2) periodically testing due for cylinder (3) Transferring of gas from one cylinder to other. The real cause of accident is under investigation

B. UNDER PETROLIUM ACT, 1934

Petroleum Rules 2002

4. **Date: 10/04/2018** **Place - Makroniya Sq, Sagar Cantt. DistSagar (MP)**
Killed : Nil **Injured: Nil**

A fire accident took place on 10/04/2018 at the location in the process of unloading of Tank lorry. After unloading was over from the tank lorry, suddenly a small fire occurred near the fill point/dip point of MS underground storage tank due to fire source probably from moving vehicles on nearby road. Fire of the fill point was controlled in approx 1- 2 minutes. During investigation it was found that outer layer of rubber hose, used for decantation, was

ruptured at one end and was repaired. So there may be leakage of MS/HSD near fill point. Also the MS fill point cap & dip point cap was not closed and samples taken for checking of density was not removed after the work was over. From the nearby road, fire source from moving vehicles might have come towards fill point / dip hole and the fire caught up in vapour cloud available. Also it was observed that the crocodile clip attached with flexible cable was of ordinary iron metal. Thus there are chances of accumulation of statical charge also. Due this fire might have initiated during winding up process.

No loss to the any property was observed or reported. Also there was no reported injury to any person.

NORTH CIRCLE, FARIDABAD

Gas Cylinders Rules, 2016

- 1- **Date: 30/10/2018** **Place - M/s. Argon air gases pvt. Ltd., Ballagharh, Faridabad,**
Killed: 02 **Injured: 02**

An accident took place while filling of oxygen gas into a cylinder of CO₂, in which two persons were killed and two persons were injured. Oxygen gas was being filled in the CO₂ cylinder which was also test due and having carbonous material (oil) on it. The exact cause of accident is under investigation.

- 2- **Date: 14/01/2019** **Place: M/s. Divya Air Products Ltd., Bahalgarh, Sonipat, Haryana**
Killed: 02 **Injured: 02**

An accident took place during filling of medical oxygen gas into the cylinder by oxygen manifold which has been installed towards extreme right in the cylinder filling zone and thus, caused cylinder explosion. The probable cause of accident may be attributed to (a) that some of the worker put oil/grease in the spindle key of the cylinder which got exploded due to jamming of the bad thread while the cylinder was empty and oil might have slipped down inside the cylinder. Since oil and grease are not compatible when they come in contact with pure oxygen at high pressure and react violently. Thus in quintessence filling of any such contaminated medical oxygen cylinder with oil and grease might have caused cylinder explosion.

PETROLEUM ACT, 1934

Petroleum Rules, 2002:

- 1. Date: 22/03/2019 Place: Surjit Welding Workshop, Gharaunda, Kutana, Karnal,
Killed: 03 Injured: 02**

An accident occurred on 22.03.2019 at about 1.25 pm at the welding shop of Shri Surjit Singh S/o Shri Kirpal Singh, resident of village-Kutana, district-Karnal, while carrying out welding job on a Gully Sucker bearing reg. no. HR 45C 6647. It was gathered that the Gully Sucker was earlier engaged for transportation petroleum contaminated waste of Panipat Refinery and the same was not properly cleaned and made gas free before subjecting the same for welding. While welding the residual petroleum contaminated waste got exploded during welding operation due to combined effect of heat and direct flame.

- 2. Date: 25/02/2019 Place: M/s.IOCL.,Panipat Refinery,Baholi, Dist Panipat,Har
Killed: 01 Injured: Nil**

The PSA adsorber vessel (V-326) of HGU-6 unit of IOCL Panpat Refinery was under maintenance shut down for catalyst replacement. The vessel was tested for gas free after removal of existing catalyst of the vessel. It was also gathered that to conduct DP test Mr. Bipul Kishore Shukla of M/s. Radiant Hi Tech Engg. along with Mr. Prabhat Kumar Dwivedi, Inspection Engineer of M/s. IOCL, entered into the vessel V-326 without wearing personal protection equipments. While coming out from the vessel, after completion of the DP test, Mr. Bipul Kishore Shukla, fell down from the rope ladder from a height of about 5 to 6 metre within the vessel and sustained head injury leading to death.

- 3- Date: 16/03/2019 Place: M/s.IOCL.,Panipat Refinery,Baholi, Dist Panipat,Har
Killed: 02 Injured: 1**

The atmospheric and vacuum distillation unit (AVU-1) along with various other units was put under maintenance and inspection shut down since 14.02.2019 after completion of the job the unit (AVU-1) resumed operations at about 03.45 am on 16.03.2019 after outing all the heavier and lighter products to their respective locations eventually heavy Naptha was lined up for routing to Naphtha Splitter column. After routing of heavy Naptha through Naphtha spillter column the bottom pump (03-P-20) was started at about 06.13 pm to route heavy naphtha to air fin coolers (installed at platform 2(second floor) of technical structure and then to trim cooler (03-E-42) installed at platform -1 (first floor) of technical structure of AVU-1 unit. In the meantime some reasonable quantum of heavy naphtha leaked from low point brain value provided in the inlet line of naphtha spillter bottom trim cooler (03-E-42) and accumulated on the floor beneath trim cooler (03-E-42) due to which high concentration of petroleum vapor formed in the vicinity of trim cooler. The leakage happened probably due to partially closed low point brain value (size 3/4 inch) and non-closure of its end blind. Amid, Shri Mohan lal, electrician along with his co-worker Mr. Deepak belonging to M/s. jai Jyoit Electricals were involved in removal/repairing of some temporary electrical equipments provided during shut down at platform no. 1 of technical structure near trim cooler (03-E-42) without obtaining any work permit. Suddenly at about 6.30 pm fire erupted with loud bang. Consequent upon Shri Mohan Lal engulfed into the inferno and succumbed to burn injuries on the spot.

- 4- Date: 09/08/2018 Place: M/s.IOCL., Model Town, Delhi.
Killed: Nil Injured: 02**

An accident occurred while cleaning of the underground petroleum storage tank. In the course of interaction and discussion with retail outlet dealer, partner, fore court manager and Indian oil company officers and inspection of accident site and on the basis of preliminary investigation, in the prime facie, the most probable cause may be attributed to the following reasons. 1.While, taking up cleaning operations of the underground petroleum storage tank, both the deceased contract workers might have descended down in it, without wearing personal protective equipments, which had not been made free of flammable petroleum vapours, since gas free certificate had not been issued by competent person. Consequent upon, both of them became fainted due to excessive inhalation of toxic petroleum vapours present inside the tank and might have fell down on tank floor and eventually succumbed to death. 2.If statement as narrated by dealer and his son is to be believed, than since both the workers were involved in cleaning the tank by soaking and Squeezing method by tying a jute bag with rope end. Then chances are more likely, that both of them peeped inside the petroleum storage tank to ascertain the status of their job and in this process, both of them might have fell down in the tank after loosing balance over slippery earth accumulated near tank manhole and became unconscious due to intoxicated effect of excessive petroleum vapours inhalation and eventually lost battle of life.

**5- Date: 04/10/2018 Place: K.M. ¾ Raijmara Road, Patiala.
Killed: Nil Injured: Nil**

Fire incident occurred at the petroleum retail outlet of M/s Bharat Petroleum Corporation Limited (M/s Jain Service Centre) located on K.M. ¾ Raijmara Road, Patiala covered under **licence no. P/NC/PB/14/660(P48824)**.

Crime No. **0159**, Police Station Urban Estate, Patiala.

As per information gathered from the staff present on duty and as seen in the CCTV footage of said RO provided by BPCL personnels. It seems that the fire incident has occurred due to the negligence of the driver of the jeep who was not able to control the vehicle which collided with the dispensing unit (MPD) located on the 2nd pedestal. The MPD got dislocated after the collision and fire broke out due to impact of collision. The product/vapours present in the dispensing unit (MPD) line may probably have got ignition from spark generated from the electric wires or spark produced from the friction of the metal parts. The Police Authorities and fire fighting personnel reached the spot within 15 minutes and extinguished the fire completely.

**6- Date: 04/03/2019 Place: Baliyana Indl Area, Teh Kasauli, Solan, HP km, Patiala
Killed: Nil Injured: Nil**

Fire/Explosion occurred at the petroleum Class B, C installation of M/s Hindustan Unilever Limited located at Plot No., Baliyana Industrial Area, Tehsil Kasauli, Solan, Himachal Pradesh covered under licence no. P/HQ/PB/15/690(P 123417) in Form XV of Petroleum Rules, 2002.

Cause of Accident: The cause of accident is under investigation. However, it appears that accident may be occurred due to fault in heating system provided for the aboveground Class C tank resulting into overheating followed by fire in the aboveground storage tank.

EAST CIRCLE, KOLKATA

A. EXPLOSIVE ACT, 1884

A.1 Explosives Rules, 2008

- 1. 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 Gas Cylinders Rules, 2016

- 1. Date:09/05/2018 Place: a LPG godown at Dibargunj, Patna, Bihar**
Killed: Nil Injured: Nil

An explosion/fire occurred at 6.30 am on 9.5.2018 at a LPG cylinder storage shed bearing licence no. G/EC/Bi/06/101(G9134) during unloading of filled LPG cylinders from truck. Truck no. BR-1-GB- 3944 loaded with cylinders filled with LPG completely burnt. Roof, mastic floor, ventilators of the godown got heavily damaged. While unloading the truck, one labour saw smoke inside the truck and within few minutes fire engulfed the entire truck which spread over the adjacent chemical godown.

B. PETROLEUM ACT, 1934

B.1 Petroleum Rules, 2002

- 1. Date: 14.04.2018 Place: Numaligarh Refinery, Dist. Golaghat, Assam.**
Killed: 01 Injured: Nil

The fire accident occurred during the processing of Heavy Naphtha in the MSP unit of M/s Numaligarh Refineries Ltd. The probable cause of accident was attributed to not adhering to SOP and fact that adequate safety measures were not taken in time to prevent the accident.

- 2. Date: 26.04.2018 Place: Indian Oil Petronas Pvt. Ltd. At Haldia, W.B.**
Killed: Nil Injured: Nil

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: 28.04.2018 Place: Barauni Refinery of IOCL, Begusarai, Bihar,**

Killed: Nil Injured: Nil

Fire accident occurred in the CRU feed tank no. 251. Affected tank no. 251 was charred completely. Electrical fittings, measuring instrument, their connection lines at top and bottom burnt. All the connected pump motors were found charred.

4. Date: 21.08.2018 Place: M/s IOCL Bongaigaon Refinery

Killed: Nil Injured: Nil

The accident occurred in the SRU premises of M/s IOCL, Bongaigaon Refinery, while undertaking cleaning and de-choking operation at water quench column line of tail gas treating unit(TGTU). The probable cause of accident was identified as sheer negligence on part of deceased contract worker who fails to take all due special precautions for prevention of accident at place where petroleum is refined.

5. Date: 28.08.2018 Place: Retail Outlet

Killed: Nil Injured: Nil

Fire took place during unloading of petroleum products. Suddenly smoke noticed from Driver's cabin. To douse the fire, fire brigade was called. Tanker got damaged heavily.

6. Date: 22.11.2018 Place: Kona Expressway, Howrah, West Bengal.

Killed: 02 Injured: 02

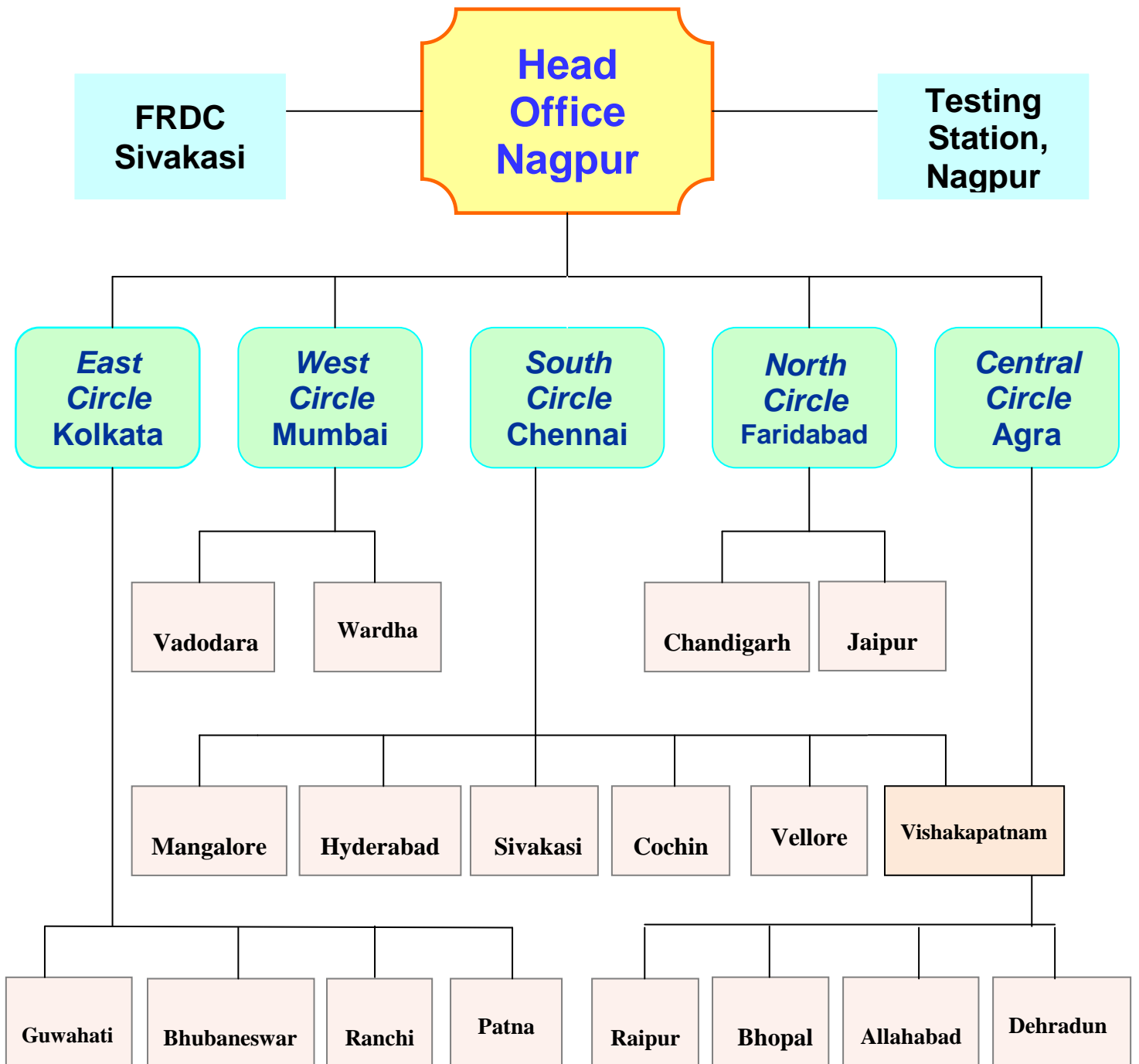
LPG tanker and the Trailer coming from opposite sides collided and as a result the dished end of the LPG tanker was ruptured and LPG got ignited. Both the vehicles were completely burnt,. High tension electrical line melted completely.

7. Date: 08.02.2019 Place: IOCL at Haldia, Dist. Purba Medinipore.

Killed: 01 Injured: Nil

A worker died while performing spray painting inside a Pontoon of the floating roof tank.

**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 442001 (M.S.)	Wardha, Yeotmal, Nanded, Bhandara, Gondia, Chandrapur, Gadchiroli of State of Maharashtra	STD Code (07152) 245006 Fax No.- 230370
C.	East Circle	E-mail: jtceekolkata@explosives.gov.in		
01	Kolkata	The Joint Chief Controller of Explosives, 8 Esplanade	West Bengal, Bihar, Orissa, Assam,	STD Code (033) 22480427,

		East, 1 st Floor, Kolkata 700069 (W.B.)	Manipur, Tripura, Arunachal Pradesh, Meghalaya, Mizoram, Sikkim, Nagaland, Andaman & Nicobar Islands	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, Sikkim Manipur, Tripura, Nagaland, Arunachal Pradesh, Meghalaya and Mizoram (Covering all the North-Eastern States)	STD Code (0361) 2662783, 2655144 Fax No.-2662503 dycceguwahati@expl osives.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@explosi ves.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 dyccebhub@explosiv es.gov.in
Sub-Circle Office				
05.	Patna	Controller of Explosives, 4th 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, IInd 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 & 1st 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, 2410770, 2410732, 2410734, 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

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

		HO	DTS	FRDC	CHEN	KOL	FBD	Agra	MUM	Sub Circle offices	TOTAL
Sl.	Name of the post										
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

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

Description	Annual Installed Licenced capacity(M T)	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Class 1 Gun Powder (Metric Tonnes)	855.55	535.327	552.165	662.038	684.914	636.986
Class 2 (a) Cartridges (b) Site Mixed (Metric Tonnes)	691046 1633675.5	344146.4 604234.6	378989.95 762850.37	409488.8 7 802238.1 0	475957.17 2 844193.96 6	538652.527 857266.694
Class 3 Div-2 Booster and PETN* (Metric Tonnes)	21149.67	7015	7996.384	9079.647	9207.044	10203.326
Class 6 Div 1 Safety Fuse (Million meters)	261.6	68.7	61.1	53.26	58.952	53.098
Class 6 Div 2 Detonating fuse (Million mtrs)	708	457.7	479.6	612.828	674.976	696.401
Class 6 Div 3 Detonators (Million no.)	1166.15	906.7	969	1120.731	983.962	1034.129

*PETN- Penta Erythritol Tetra Nitrate

Production of Ammonium Nitrate:

FY	2016-17	2017-18	2018-19
Ammonium Nitrate (Solid)	336,587.38	384,686.75	452,939.15
Ammonium Nitrate (Melt)	286,800.29	334,570.73	359,075.44

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 2018-2019 was Rs. 659.87 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 2018-2019, 515 Nos. of licenses were granted in favour of Indian explosives manufactures for exportation of authorised explosives manufactured by them. 64 Nos. of licenses were also granted for exportation 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 2018-2019, 129 Nos. of licenses were issued for importation of explosives. The value of explosives imported was Rs. 71.19 Cores.

Import & Export of Explosives for last 3 years

Detail of Explosives imported

Year	TNT (Kgs)	Safety Cartridges and Percussion Caps (Nos)	Detonating Fuse / Shock Tubes (Mtr)	Shaped Charges (Nos)	Detonators (Nos)
2016-2017	257737.96	93480	2199489.96	396134	269882
2017-2018		306000	1017642.03	210737	89302
2018-2019	4000		3573047.23	404916	151276

Detail of Explosives exported

Year	Gun Powder (Kg.)	Nitrate Mixture (Kg.)	TNT (Kg.)	Safety Fuse (Mtrs.)	Detonating Fuse / Shock Tubes (Mtrs.)	Shaped Charges (Nos.)	Detonators (Nos.)
2016-2017		8074150	1479507.36	10805000	117900209	1750150	45354196
2017-2018	17234	8620800	1924266.95	13726400	120550560	1700000	54230131
2018-2019		9338875	2126919.43	6148000	142240164	1550000	52675956

ANNEXURE-VI

DESTRUCTION OF EXPLOSIVES DURING THE YEAR 2018-2019

Class-1	13461.2 kgs
Class-2	34253.9 kgs
Class-3 Dvi.2	nil
Class 6 Div.1(Meters)	40352.1
Class 6 Div.2	176345 M
Class 6 Div.3	182376 nos
Class 7 Div.2	216889.4 kgs
Class 7 Div.3	1235
Ammonium Nitrate	3527.5 kgs

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

GAS CYLINDERS & VALVES

A Comparative statement of production of Cylinders, Valves & Regulators during 2016-17, 2017-18 & **2018-19** are given below.

Sr. No.	Items Manufactured	Nos. Manufactured During		
		2016-17	2017-18	2018-19
01.	Welded load Carbon steel Gas Cylinders For	1,82,74,975	2,29,29,970	2,71,15,964
	a. LPG			
	b. Dissolved Acetylene Gas			
	c. Other low pressure Liquefiable Gas			
	Total (a + b + c)	1,82,74,975	2,29,29,970	2,71,15,964
02.	Welded Large Containers for low pressure Liquefiable Gas			
03.	Seamless Steel Cylinders for Permanent & high pressure Liquefiable Gas	9,63,008	11,01,672	14,12,136
04.	Valve for :			
	a. LPG Cylinders	2,55,57,076	3,06,68,491	3,87,51,836
	b. Other Gas Cylinders.	2,82,276	3,38,731	4,02,475
	Total (a + b)	25839352	3,10,07,222	3,91,54,311
05.	Low Pressure LPG Regulators.	1,25,58,345	1,50,70,014	2,68,24,064

IMPORT OF CYLINDERS

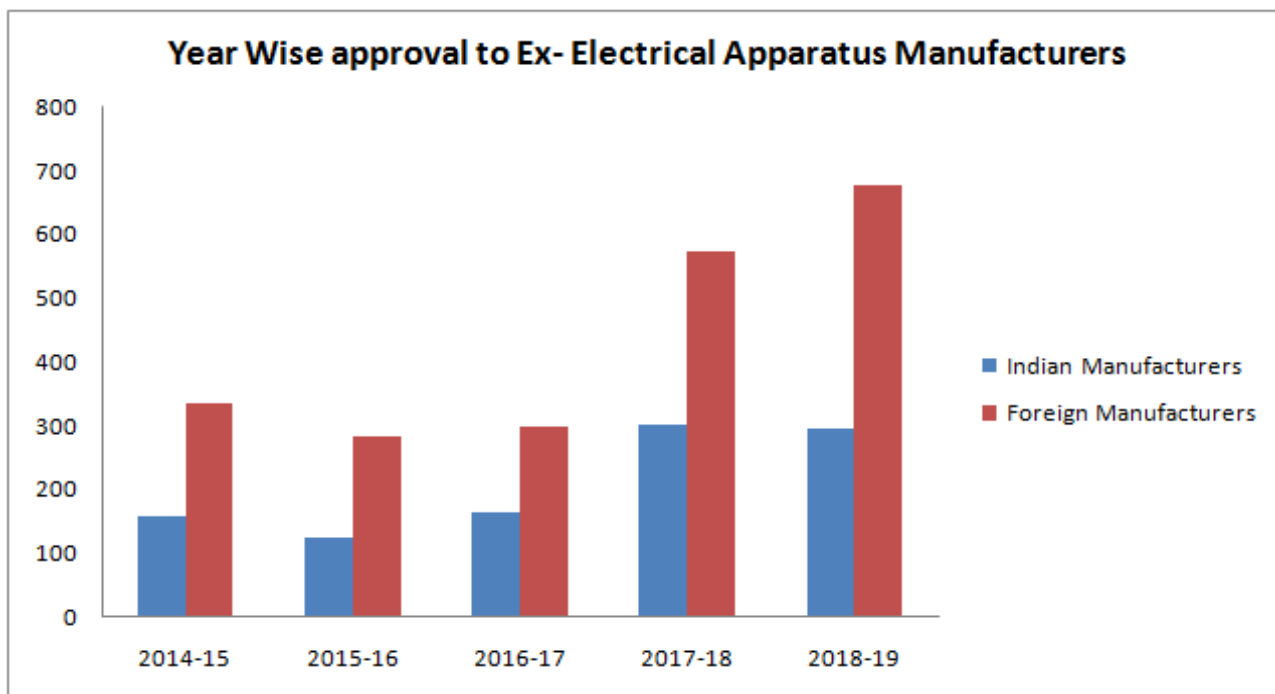
A numbers of high purity permanent gases & gas mixtures are required to be imported duly filled in cylinders to meet the requirements of Trade & Industry. It is, therefore, becomes necessary to allow import of large numbers of cylinders from various Countries. During the year 2018-19, 1006 Licenses were granted to cover importation of 70,048 cylinders filled with various gases/ gas mixtures, 78,894 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 15,506 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
1	2014-15	160	336
2	2015-16	125	284
3	2016-17	166	300
4	2017-18	301	575
5	2018-19	297	679

**ANNEXURE-IX****LIST OF MANUFACTURERS OF LPG VALVES**

Total Manufacturers upto 31/03/2018 - 102
(Approved during 01.04.2018 to 31.03.2019)

Sr. No.	Name and address of the Company
1.	M/s.Madhav Engineers, Village Malakapur, Handesara Road. Lalru, Punjab- 140 501
2.	M/s. Mahawar udyog, Haripur Koti Road, Kalsi,Dehradun, Pin-248 158, (ttarakhand).

LIST OF MANUFACTURERS OF LPG CYLINDERS

(Approved during 01.04.2018 to 31.03.2019)

Sr. No.	Name and address of the Company
1.	M/s. RSR Cylinder LLP, Kila No. 151/22/1, 11-B, Village Ismala, Sampla, Distt. Rohtak – 124501 (Haryana).
2.	M/s. R.P. Cylinders Pvt. Ltd., H.No.5, 2 nd Floor, Outer Circle Road, Bistupur, Jamshedpur, Distt. East Singhbhum, Jharkhand – 831 001.
3.	M/s. R.J. Cylinder Industries, R.K. Path, Itachali, Nagaon – 782 001 (ASSAM).
4.	M/s. Perfect Alloys and Steel Ltd., Patta No. 42, Modertoli, PO Daboka, Jamunamukh, Nagaon, Assam – 782 428.
5.	M/s. Maharaja Ispat Pvt. Ltd., Karangapara Road, Opp. PCBL, Durgapur, Dist. Paschim Burdwan, West Bengal – 713 201.
6.	M/s. Heena Industries LLP, 41, Rajendranagar, Sakchi, Jamshedpur, Dist. East Singhbhum, Jharkhand – 831 001.
7	M/s. Bhagyalakshmi Vanija Pvt. Ltd., Vill. Bishu Khanra, Post Buita, Budge Budge, 24 Parganas (South), Kolkata – 700137
8	M/s. BNH LPG Cylinders LLP Gat NO 753, Shirolu Taluka Khed District Pune – 410505
9	M/s. Kronax Engineering and Pressure Vessels LLP, Kodikonda Checkpost, Kodur Village, Chilmathur, Ananthpur District, -515601 Andhra Pradesh
10	M/s. Dharmaja Cylinders Pvt. Ltd, 7-1-212/9, Shivabagh, Ameerpet, Hyderabad-500 016. (A.P).
11	M/s. Tirupati LPG Industries Pvt. Limited Unit-II, A-11, Sector – 17, Noida – 201301 District G. B. Nagar, UP
12	M/s, Redson Cylinders Private Limited 3-6-108/B, Himayatnagar, Hyderabad - 500029

LIST OF MANUFACTURERS OF LPG REGULATORS

(Approved during 01.04.2018 to 31.03.2019)

Sr. No.	Name and address of the Company
1.	M/s. Himgange Gas Equipments Pvt. Ltd., Industrial Plot B, Village Saidpura, Tehsil Dera Bassi, <u>Dist. Sahibzada Ajit Singh Nagar - 140 103 (Punjab).</u>
2.	M/s. Universal Industries, H-25, UPSIDC Industrial Area, Begrajpur, Distt. Muzaffarnagar, Uttar Pradesh – 251 003.
3	M/s. Eco Green, Shop No 10/11, Shree Yamuna Chs, Mahavir Nagar, Kandivali (West), Mumbai - 400067

ANNEXURE-X

LIST OF MANUFACTURERS OF AUTO LPG CONTAINERS

(Approved during 01.04.2018 to 31.03.2019)

Sr. No.	Name and address of the Company
1.	---- NIL---

LIST OF MANUFACTURERS OF OTHER THAN LPG VALVE

(Approved during 01.04.2018 to 31.03.2019)

Sr. No.	Name and address of the Company
1.	---- NIL---

LIST OF MANUFACTURERS OF AUTO LPG CONTAINERS

(Approved during 01.04.2018 to 31.03.2019)

Sr. No.	Name and address of the Company
1.	---- NIL---

LIST OF MANUFACTURERS OF OTHER THAN LPG VALVE

(Approved during 01.04.2018 to 31.03.2019)

Sr. No.	Name and address of the Company
1.	---- NIL---

LIST OF APPROVED PRESSURE VESSEL FABRICATOR

(Approved during 01.04.2018 to 31.03.2019)

Serial No.	Name and address of the Company
1	M/s. HEATMAX PROJECTS PVT. LTD., KHEWAT NO 709 , KHATONI NO 847 ISMAILA 11 BISWA, Sampla, Taluka: Sampla, District: ROHTAK State: Haryana PIN: 124501
2	M/s. TECKSON STEEL INDUSTRIES, PLOT NO 706, MANJUSAR SAVLI GIDC, OPP.FAG BEARIN, MANJUSAR SAVLI GIDC, Savli, Taluka: Savli, District: VADODARA State: Gujarat PIN: 391775
3	M/s. UNICORN PRESSURE VESSELS PVT.LTD, VILLAGE- AMRAH, P.O- ABUJHATI, PS- JAMALPUR, Burdwan - I, Taluka: Jamalpur, District: PURBA BARDHAMAN State: West Bengal PIN: 713166
4	M/s. SHREE GANGA ENGINEERING WORKS, PLOT NO. 304 ROAD NO. 11 RANOLI, Vadodara, Taluka: Vadodara, District: VADODARA State: Gujarat PIN: 391350
5	M/s. IBP GAS ENGINEERS, Hathalana Road, V.P.O. Jundla – 132036 Karnal HARYANA
6	M/s. SRI LAKSHMI PRABHA ENGINEERING INDUSTRIES PVT. LTD, Plot NO. 74, Block-B, IDA, Autonagar, Visakhapatnam – 530 112
7	M/s. ASCENT ENGINEERING WORKS, Plot No.-409-410,GIDC Industrial Estate ,B/H L & T NIRO , RANOLI, District: VADODARA State: Gujarat PIN: 391350

SME Licence Granted During 01.04.2018 to 31.03.2019

Sr No.	Licensee Name	Doc No	Licence No
1	M/s The Ramco Cements Limited	E105833	E/HQ/AP/SM/24
2	M/s. Indian Explosives Private Ltd.	E105024	E/HQ/AP/SM/25
3	M/s. ACC LIMITED	E105394	E/HQ/KA/SM/4
4	M/s. Special Blasts Limited	E70812	E/HQ/MP/SM/24
5	M/s. Reliance Cement Company Private Limited	E75993	E/HQ/MP/SM/25
6	M/s. Bargarh Cement Works of ACC Ltd.	E94397	E/HQ/OR/SM/19
7	M/s. J K CEMENT LTD	E113499	E/HQ/RJ/SM/18
8	M/s. Solar Industries India Limited	E104619	E/HQ/RJ/SM/19
9	M/s. IDEAL Industrial Explosives Ltd.	E106523	E/HQ/TG/SM/26

ANNEXURE-XIII**TESTING OF PETROLEUM VESSELS IN 2018-2019**

The Officers of the Organization have issued total **18567** gas free certificates during the year 01.04.2018 to 31.03.2019 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 2018-19, officers of the Organization attended law courts on **77** 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 01/04/2018 TO 31/03/2019

Sr. No.	Name of Refinery	Crude Oil Processed	Installed Capacity	LPG Produced	LPG Imported	LPG Marketed	No. of Accident	Export	
		MMT	MMT	MMT		MMT		Qty (in MMT)	Value (in Crore)
1	IOCL Digboi	0.6755	0.65	0.018421	0	0.018421	0	0	0
2	IOCL Panipat	15.28	15	0.791	0	0.792	2	0	0
3	IOCL, Guwahati	0.863	1	0.0393	0.000105	0.0392	0	0	0
4	IOCL Paradip	14.61	15	1.0248	0	1.027	0	0.704	3349.49
5	IOCL, Barauni	6.661	6	0.4019	0	0.4004	0	0	0
6	IOCL, Haldia	7.965	7.5	0.2652	0	0.2646	1	0.3238	1260.3
7	IOCL, Vadodara	13.504	13.7	0.4687	0	0.4687	0	0	0
8	IOCL, Mathura	9.7365	8	0.4741	0	0.4746	0	0	0
9	IOCL, Bongaigaon	2.512	2.35	0.0684	0	0.0694	1	0	0
10	HPCL, Mumbai	8.67097	7.5	0.47	0	0.478	0	0.419	1485.48
11	HPCL, Visakh	9.7731	8.3	0.417	0	0.42	1	0.343	1131
12	Essar Oil Ltd. - Nayara	18.899	20	0.869	0	0.87	0	0	0
13	BPCL, Mumbai	14.77272	12	0.436478	0	0.436005	1	1.116	3947
14	BPCL, Kochi Refinery	16.05	15.5	1.051	0	1.05	1	0.689	2753.76
15	CPC Limited, Cauvery Basin Refinery	0.423	1	0.014	0	0.0145	0	0	0
16	CPCL, Manali	10.271	10.5	0.31	0	0.309	1	0.882	3522.3
17	Numaligarh Refinery Ltd., Assam	2.9	3	0.0565	0	0.0564	0	0.08175	376.43
18	RIL, Jamnagar, SEZ Refinery Division	37.324	35.2	1.066	0	1.066	0	32.481	143373.58
19	RIL, DTA	31.029	33	0.418	0	0.418	0	6.866	28742.24
20	MRPL, Limited	16.231	15	0.969	0	0.9746	0	5.185	21054
21	HPCL Mittal Energy Ltd.	12.444	11.3	0.889	0	0.897061	1	0.0783	403
22	Bharat Oman Refinery Ltd	5.716	6	0.158	0	0.15623	4	0	0
23	ONGC Limited, Tatipaka Refinery	0.0645	0.091	0	0	0	0	0.00664 97	27.619
	Total	256.4	247.6	10.68	0.000105	10.700117	13	49.1755	211426.199