

## INTRODUCTION

The Petroleum and Explosives Safety Organisation since its inception on 5/9/1898, has been serving the Nation as the nodal agency regulating safety of hazardous substances namely explosives, compressed gases and petroleum. The Organisation has earned rare distinction as an institution of excellence in matters relating to safety in manufacture/refining, storage, transportation, handling etc 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, as there was no other agency to impart such training in the country. 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 relating to Explosives, Petroleum, Compressed Gases, Pressure Vessels, Gas Cylinders, Pipelines, LNG, CNG, Auto LPG etc.

The Organisation, although small in size, compared to many other Government organizations, with an existing strength of only 91 officers, is the only Organisation of its kind directly overseeing the safety requirements for over 2.71 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 (4 of 1884) involving inspection of few explosives storage magazines and investigation of accidents related to storage and transportation of explosives. Subsequently, enforcement of Petroleum Act (8 of 1899) & Petroleum Rules which came into force on 17.02.1899 and Carbide of Calcium Rules framed under this Act notified on 11/08/1899, were also entrusted to

this 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.

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 18.03.1937. After Independence, through 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.

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.

Inflammable Substance Act, 1952 came into force from 1952. The Gas Cylinder Rules which were originally framed in the year 1940, were replaced by new comprehensive Gas Cylinder Rules, 1981. These Rules were again reviewed due to liberalized policy of Government of India and were replaced by new Gas Cylinder Rules, 2004 with effect from 21/08/2004.

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 pressure vessels. These rules have been appropriately amended time to time to cover new fields like cryogenic liquids Auto LPG Dispensing Stations etc.

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 the net. The members of the public can now have access to the status of their applications by visiting the Organisation's website. 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.

Aided by its most efficient technical work force, congenial working conditions, proactive approach, up-gradation of knowledge base, deployment of IT techniques and over all traditional dedication to serve the cause of safety, the Organisation is now poised to scale new heights of excellence in the years to come.

**T.R. THOMAS**  
Chief Controller of Explosives

## **ROLE AND FUNCTIONS OF THE ORGANIZATION**

With an overall objective of ensuring safety and security of public and property from fire and explosion, the Organization as a statutory authority is entrusted with the responsibilities under of Explosives Act, 1884, Petroleum Act, 1934; Inflammable Substances Act, 1952 and the following Rules framed under these Acts;

### **2.1: STATUTORY ROLE**

#### **EXPLOSIVES ACT, 1884:**

1. Explosives Rules, 2008
2. Gas Cylinder Rules, 2004
3. Static & Mobile Pressure Vessels (Unfired) Rules, 1981
4. Notification No. GSR 625(E) dated 07.08.1983 regarding Acetylene Generator

#### **PETROLEUM ACT, 1934:**

1. Petroleum Rules, 2002
2. Calcium Carbide Rules, 1987
3. Cinematography Film Rules, 1948

The activities of the Organization involving administration of the Acts and Rules noted above are described below in brief: -

#### **2.1.1: EXPLOSIVES RULES, 2008:**

The major work under Explosives Rules, 2008 relates to grant of approval and licences for manufacture of explosives, authorization of explosives, storage of explosives, import/export of explosives, transport of explosives by road and packaging for explosives etc. prescribing safe procedures and methods for manufacture of various types of explosives including the tools, equipments and machineries. The Organization carries out investigation of accidents involving explosives and also under takes destruction of unserviceable/seized explosives in the interest of public safety and security.

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 of the licensed/approved premises.

### **2.1.2 : GAS CYLINDER RULES, 2004:**

The Gas Cylinders Rules were first published in 1940 after Govt. of India Notification No. M-1272 (1), dated 28<sup>th</sup> 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. Eighties & Nineties 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 environmental friendly automotive fuels, entry of new technologies, etc. necessitating another round of review and bringing out the new Gas Cylinders Rules, 2004.

The major activities covered under these Rules include grant of approval for cylinder manufacturing units, its valves & LPG regulators etc, as well as approval of designs of these equipments; licensing of gas cylinder filling plants, CNG fueling stations, cylinders storage premises and import of cylinders/valves; grant of permission for filling of cylinders; recognition of cylinder testing stations etc. 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, 2004 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) Doing away 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.

### **2.1.3: STATIC & MOBILE PRESSURE VESSELS (UNFIRED) RULES, 1981:**

The functions of the Organization relating to administration of these Rules covers grant of approval for fabrication shops of pressure vessels/fittings 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 thereafter of the licensed/approved premises. The above functions also include review of safety audits, periodic tests inspection reports and performance of vessels, fabricators and certifying agencies.

### **2.1.4 : NOTIFICATION NO. GSR.625 (E) DATED 07/08/1983 REGARDING ACETYLENE GENERATOR:**

Acetylene when liquid or subjected to pressure or in admixture with air or oxygen is highly explosives. The generation of acetylene and approval of such generators is governed under this notification. The Organization grants the approval of type of acetylene generators and to acetylene plants. Trial runs of the generator both at the manufacturer's place and at the factory where the generator is installed for evaluating its performance as well as determining efficiency of each generator at the time of endorsement of licenses is done by the Organization besides routine inspections of acetylene cylinder filling plants in operation.

### **2.1.5 : PETROLEUM RULES, 2002:**

Petroleum has been defined under the Act and Rules as liquid hydrocarbon or a mixture of liquid hydrocarbons and any inflammable mixture containing liquid hydrocarbons. The work relating to administration of these Rules covers approval of Refineries, Petrochemicals/Oil & Gas Processing Plants, transport of petroleum by land and pipeline, Flameproof 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 by road, aircraft

refueller and also issuance of Certificate of Gas Free in respect of Vessels/Ships carrying petroleum for dock entry, man entry or hot work.

The Organization carries out safety audits of these premises to ensure compliance of Rules and safety measures.

#### **2.1.6 : CALCIUM CARBIDE RULES, 1987:**

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

#### **2.1.7: CINEMATOGRAPHY FILM RULES, 1948:**

Storage and transport of Cinematographic Films having Nitrocellulose base, pose potential mass fire hazard. The storage and transport of such films are governed under these Rules and licensing of storage premises is done by this Organization. The Nitrocellulose based films are replaced by safety films (Polyester Based) since times. These rules have therefore become redundant and recommended for its deletion.

#### **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 when ever requested, not only to the industry but also to the Government and Semi-Government bodies like Ports, Railways, Defense 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 the State level and District level Crisis Management Groups.

**ACTIVITIES OF THE ORGANIZATION IN BRIEF**

**3.1:** Scrutiny and appraisal of site, layout and construction plans for;

- Explosives manufacturing factories
- Explosives storage premises
- Fireworks manufacturing factories
- Fireworks 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 lorries
- Petroleum cross-country pipelines.
- 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 vehicle for site manufacture of explosives, vehicles for transport of bulk compressed gases/cryogenic liquids in pressure vessels and Petroleum containers and Tank Lorries 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 factories and Acetylene Gas generating plants for grant of approval thereof.

**3.5:** Scrutiny and appraisal of proposals of design, construction, laying and operation of Pipeline for transport of liquid hydro carbons 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 adequate 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 their 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', 'C' and 'D' officials**. Out of the above, **46** posts of Group 'A' and **6** Group 'B', 'C' & 'D' 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 **headquarters at Nagpur** and there are **5 circle offices** headed by the Jt. Chief Controller of Explosives located at **Mumbai, Chennai, Kolkata, Faridabad and Agra**. The Organization has **13 Sub-Circle Offices** headed by the Dy. Chief Controller of Explosives and **5 factory attached offices** headed by the Controller of Explosives (for details please refer to Annexure-I)

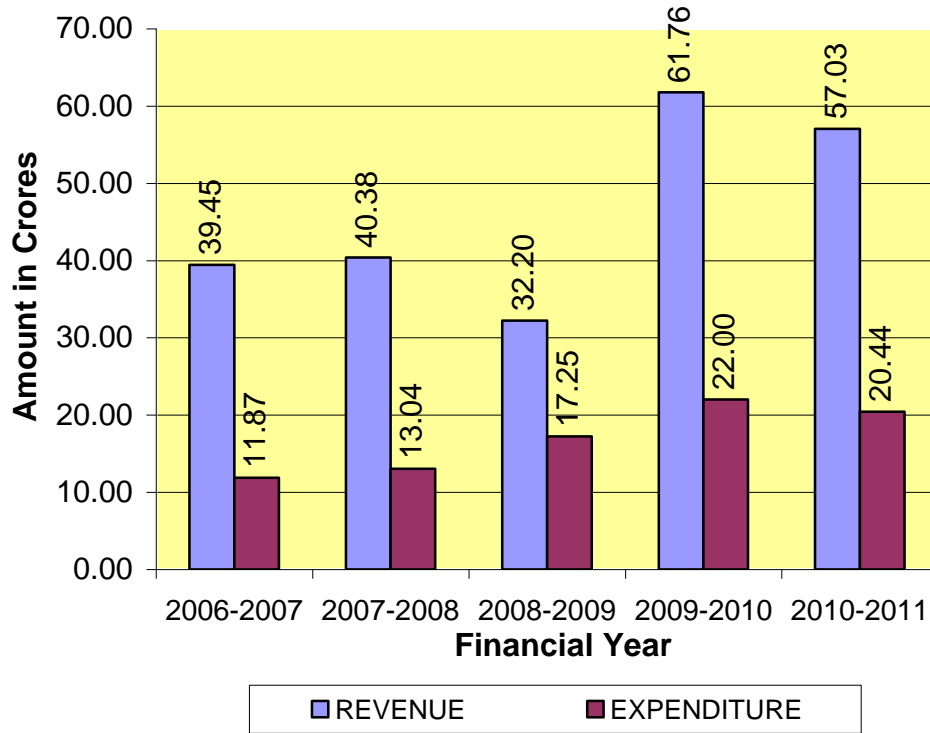
### **4.2: BUDGET & EXPENDITURE:**

During the year, budget granted for Organization under non-plan budget was Rs. **20,50,00,000/-** and under plan budget was Rs.**1,98,00,000/-**. During the year, expenditure under non-plan budget was Rs.**20,44,13,259/-** and under plan budget was Rs.**1,97,05,417/-**

### **4.3 : REVENUE:**

During the year, the Organization earned revenue of Rs.**57,03,86,690/-** on account of fees for the services rendered which includes Rs.**33,87,67,893/-** under Explosives Act and Rs.**23,16,18,797/-** under Petroleum Act.

## REVENUE & EXPENDITURE (Non-Plan)



## **DEPARTMENTAL TESTING STATION & FIREWORKS RESEARCH DEVELOPMENT CENTRE**

### **INTRODUCTION:**

The Departmental Testing Station is situated at 18 KM Stone, Nagpur – Amravati Road, N.H. No. 6, Village Gondkhairy, District Nagpur and is spread over 81 acres of land. The Testing Station functions under the overall guidance and control of Chief Controller of Explosives, Nagpur.

The basic aim behind development of Organization 's own Testing Station is to carry out necessary statutory tests to assist Chief Controller of Explosives in administration of Explosives Act, 1884 & Petroleum Act, 1934 and rules framed there under. The Testing Station also renders services of quality control & other tests for different materials and equipments to the user industries especially manufacturers of explosives, which also includes UN Classification Tests which is first of its kind in India for facilitating export of explosives and its accessories.

### **FUNCTIONS:**

#### **A. STATUTORY TESTS:**

<b>Sl. No.</b>	<b>Rules</b>	<b>Purpose of Test</b>
1.	Explosives Rules, 2008	Authorization of new compositions and specification of Explosives. Subsequent annual test for deciding about deletion or otherwise from list of authorized explosives. Approval of Packages of Explosives.
2.	Petroleum Rules, 2002	Approval of design of Safety Fittings of Tank Lorries. Subsequent test for deciding revalidation of manufacturing approval. Approval of Metal Container of petroleum.
3.	Gas Cylinder Rules, 2004	Statutory Test facilities available for LPG and Compressed Gas Cylinder testing as per relevant BIS Standards.
4.	SMPV (U) Rules, 1981	Testing facilities under development.

#### **B. QUALITY CONTROL TESTS:**

The Testing Station also renders testing services for quality control in the field of products covered under Acts / Rules administered by the Organization.

### **C. UN CLASSIFICATION TESTS (Opens New Frontier for Export of Explosives):**

Departmental Testing Station has commissioned the facilities for UN Classification Tests for rendering services to the Explosives Industries to facilitate export of their products at competitive price in international market by way of classifying the explosive product with specially designed packaging as per UN Regulations for transport of dangerous goods.

Products with specially designed packaging are classified to 1.4 with compatibility group B or S, after assessment on evaluating the test results. Director General of Shipping is the competent authority to issue the certificate based on test report and assessment made by Departmental Testing Station. Exporters can ship their products in General Cargo Ships with 1.4 classification certificate thus saving huge freight than otherwise in Explosives Cargo Ship. Also exporters avail the easy availabilities of these ships which helps them to deliver the consignment in time as availability of Explosives Cargo Ships is limited which delays the shipments.

### **D. TESTING OF SAMPLES:**

During the year, the following nos. of different samples were tested at Departmental Testing Station.

<b>S No.</b>	<b>DESCRIPTION</b>	<b>QUANTITY (Nos.)</b>
<b>1.</b>	<b>EXPLOSIVES</b>	
	Slurry/Emulsion Class-2	<b>174</b>
	Pentolite Booster Class-3 Div.2	<b>25</b>
	Fireworks	<b>174</b>
	Safety Fuse	<b>06</b>
	Gun Powder	<b>05</b>
	Detonators	<b>232</b>
	Detonating Fuse	<b>32</b>
<b>2.</b>	<b>CFB Packages of Explosives</b>	<b>0</b>
	Samples for new approval propose	<b>05</b>
	Samples drawn by Circle/Sub- Circle officers	<b>121</b>
<b>3</b>	<b>Petroleum Tank Lorry Safety Fittings</b>	<b>0</b>
	For new approval	<b>0</b>
	For revalidation	<b>28</b>
	<b>Total</b>	<b>802</b>

### **E. DESTRUCTION OF EXPLOSIVES:**

#### **SAMPLE REMNANT DESTROYED AT DTS.**

Class-1	<b>1686 Kgs</b>
Class-2	<b>1860 Kgs</b>
Class-3 Div.2	<b>152 Kgs</b>
Class-6 Div.1	<b>475.4 Mtrs.</b>
Class-6 Div.2	<b>1070 Mtrs.</b>
Class-6 Div.3	<b>3663 Nos</b>
Class-7 Div.2	<b>--</b>

### **F. REVENUE :**

During the year, Departmental Testing Station has earned revenue of Rs.60,46,265/-.

## **FIREWORKS RESEARCH & DEVELOPMENT CENTER (FRDC) AT SIVAKASI**

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 under Plan schemes.

Creation of Civil structure of FRDC was taken up under 10<sup>th</sup> plan and completed in all respects. The work executed includes purchase of 2.02.5 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 11<sup>th</sup> 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, 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 had 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. This chemical formulae specify the proportion/composition as well as maximum permissible weight of every chemical used in the 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.

**e-GOVERNANCE**

Continuing the e-Governance initiative under the 11<sup>th</sup> Five Year Plan, following milestones have been achieved by PESO.

Upgraded leased line speed to 2 Mbps for five circle offices. Similarly the leased line speed has been enhanced to 512 Kbps for 13 Sub-Circle offices.

Factory attached offices located at Bhandara, Wardha, Lalitpur, Vellore and Gomia have also been brought into the EXPLONET WAN network with 512 Kbps leased line. DTS, Gondkhairy 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 85% of almost total licensees of LE-3 (possess and sale) have registered for submission of RE-7 (return of explosives) online and submitting their quarterly explosives returns i.e. RE-7 with the help of online facility.

Online issue of show cause notices to those licensees who have not registered so far or even after registration, not submitting the RE-7 online.

To further strengthen the process of monitoring the transactions of explosives. PESO started online generation of RE-12 (transfer for transport of explosive) facility for all manufacturers. All manufacturers are mandatorily submitting their 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 receive 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 existing software.



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

Video Conferencing systems have been ordered for five Circle offices and Head Office at Nagpur and will be installed and commissioned shortly.

Further the new application modules developed under 11<sup>th</sup> Five Year Plan project have been put under rigorous testing. These application modules will facilitate online submission of applications by licensees under various rules administered by PESO.

**MEETINGS-SEMINARS-LECTURES-TRAINING PROGRAMMES-  
FOREIGN VISITS OF CHIEF CONTROLLER OF EXPLOSIVES**

- 1) Inspected Explosives Manufacturing Units and Metal Cladding Units at Hyderabad
- 2) Inspected explosives manufacturing factory of M/s Gulf Oil Corporation Ltd., Hyderabad.
- 3) Inspected Bharat Oman Refinery at Bina.
- 4) Inspected IOCL refinery, Panipat Refinery.
- 5) Inspected Crude Cavern of M/s ISPRL, Visakhapatnam.
- 6) Inspected Reliance and M/s Essar Oil Refinery facilities at Jamnagar and Inspected Gas cylinder Manufacturing Units at Gandhidham.
- 7) Addressed meeting of Explosives manufacturers regarding safety during manufacture, Handling, storage and transport of explosives.
- 8) Attended meeting in DIPP regarding relocation of offices of PESO.
- 9) Attended OISD Awards Committee for 2009-2010 in O/o JS, (R) MOPNG, New Delhi.
- 10) Attended meeting in DIPP regarding Draft Ammonium Nitrate Rules.
- 11) Attended meeting with SIU.
- 12) Attended meeting chaired by the Secretary, MOPNG and chairman safety Council, OISD.

**MEETINGS-SEMINARS-LECTURES-TRAINING PROGRAMMES-  
FOREIGN VISITS OF JOINT CHIEF CONTROLLER OF EXPLOSIVES(I)  
NAGPUR**

- 1) Attended meeting at DIPP regarding sevotam compliance at New Delhi
- 2) Attended ME:16 meeting at Kottayam, Kerala.
- 3) Attended meeting of ME:38 at BIS, New Delhi
- 4) Accompanied CCE in the meeting with SIU, New Delhi.
- 5) Inspected the new refinery and Petroleum storages of M/s Bharat Oman Refinery at Bina.
- 6) Inspected Panipat Refinery, IOCL, Mathura Refinery
- 7) Inspected two fireworks factories of automation mechanism at Sivakasi.
- 8) Participated in the Indian Delegation to study the Energy of Biogas by the Ministry of New & Renewable Energy at Helsingborg, Sweden.
- 9) Attended Seminary on Upscaling of Biogas organized by MNRE part of DIRECT 2010 at Greater Noida.
- 10) Attended the Conference organised by All India Industrial Gas Manufacturers Association and gave a talk as Guest of Honour and Chaired Technical session on safety issues at Kulalampur, Malaysia.

**MEETINGS-SEMINARS-LECTURES-TRAINING PROGRAMMES-FOREIGN  
VISITS OF JOINT CHIEF CONTROLLER OF EXPLOSIVES(II), NAGPUR**

- 1) Attended meeting in OISD on 29/06/2010 on General matters with specific issue in connection with amendment of OISD 141 for its finalisation.
- 2) Attended 11<sup>th</sup> Annual meeting of Central Crisis Group in the Ministry of Environment & Forest, Lodhi Road, New Delhi on 29/06/2010.
- 3) Attended one day seminar on "Safety in Hydrocarbon Sector" from Drilling to Dispensing organized by Petrofed, New Delhi on 12/08/2010.
- 4) Attended 1<sup>st</sup> meeting of Consultancy Evaluation Committee constituted by Ministry of Commerce & Industry, DIPP for finalization of Vendor to suggest solution for Effective Monitoring Tracking of Explosives by PESO on 14/02/2011.
- 5) Attended 3<sup>rd</sup> meeting of Consultancy Evaluation Committee constituted by Ministry of Commerce & Industry, DIPP on 15/03/2011.
- 6) Visited New Delhi on 22/02/2011 to attend 2<sup>nd</sup> Meeting of Consultancy Evaluation Committee constituted by Ministry of Commerce & Industry, DIPP.
- 7) Visited Delhi to attend 12<sup>th</sup> Meeting of Central Crisis Group convened by Ministry of Environment & Forest, HSM Division, New Delhi on 23/08/2010.
- 8) Visited Mumbai to attend meeting of ET-22 Committee under CMD-III of Bureau of Indian Standard on 04/02/2011
- 9) Visited to New terminal of Delhi Airport on 28/06/2010 for inspection of newly installed Fuel Hydrant System.
- 10) Visited Goa between 23/02/2011 to 26/02/2011 for attending two day International Aviation Conference organized by M/s. IOCL.

## **MEETINGS–LECTURES–SEMINARS–TRAINING PROGRAMMES OF THE OTHER OFFICERS OF THE ORGANIZATION**

1. Jt. Chief Controller of Explosives, West Circle, Mumbai organized a workshop on **21.05.2010** for Senior Managers / Managers of explosives manufacturing factories in the State of Maharashtra & Gujarat. on transaction of explosives.
2. Jt. Chief Controller of Explosives, West Circle, Mumbai convened a meeting of Competent Persons under SMPV (U) Rules, 1981 on **09.06.2010**.
3. Jt. Chief Controller of Explosives, West Circle, Mumbai convened a meeting in the office with Oil Industries officials on **06/08/2010** to discuss the various safety issues.
4. Jt. Chief Controller of Explosives, West Circle, Mumbai attended a meeting with Jt. Secretary, Ministry of Shipping , Jt. Secretary NDMA & Dy. Director, MOEF at Port House, Mumbai on **07/10/2010**. The discussion was held on the various aspects of Chlorine leakage occurred in the Mumbai Port Trust on 14/07/2010.
5. Jt. Chief Controller of Explosives, West Circle, Mumbai delivered lecture on **28.01.11** to all the Departmental Heads of M/s. HPCL Refinery, Mahul, Mumbai. The lecture was regarding implementation of MSHIC Rules, 1989, Hazardous Waste Management Rules, 2008 and other safety parameters arising out of Petroleum Rules 2002, Gas Cylinder Rules 2004 & SMPV Rules, 1981.
6. Jt. Chief Controller of Explosives, Mumbai conducted a meeting on **10.03.2011** with the General Manager & other Senior Officers of M/s. IOCL, Koyali Refinery at Baroda. The meeting was regarding the removal of lightening conductor system in the tankfarm area.
7. Jt. Chief Controller of Explosives, Mumbai conducted a meeting on **10.03.2011** with the senior officials of GAIL at Baroda regarding the impurities observed in the CNG cylinders at various stations in the State of Gujarat.
8. Jt. Chief Controller of Explosives attended the 24<sup>th</sup> EC Meeting at LERC at Bangalore On 28.10.2010.
9. Dy. Chief Controller of Explosives, Baroda attended the meeting on **08.04.2010** organized by GSDMA, Gandhinagar. The meeting was held to discuss the steps to be taken against industrial chemical accidents / disasters happening in the State of Gujarat.
10. Dy. Chief Controller of Explosives, Baroda in association with Gujarat Explosives Dealers' Association organized a Seminar on “New Explosives Rules, 2008” on **24.04.2010**.

11. Dy. Chief Controller of Explosives, Baroda delivered a talk on safety in hazardous atmosphere on **23.06.2010** at GACL, Dahej. All the Managers, Engineers of the Company attended the talk.
12. Dy. Chief Controller of Explosives, West Circle, Mumbai attended the workshop organized by All India Gas Manufacturers' Association at Khandala on 31.07.10 and delivered the key note address. Around 50 delegates from USA, UK & India attended the workshop.
13. Dy. Chief Controller of Explosives, Mumbai attended the safety week as a Chief Guest organized by M/s. Century Rayon Ltd. at Kalyan on 02.03.2011 and delivered the key note address on handling & use of Chlorine cylinders.
14. Dy. Chief Controller of Explosives, Mumbai attended the seminar as Chief Guest on 26.03.2011 organized by Gas Manufacturers' Society, Maharashtra and delivered key note address.
15. Dy Chief Controller of Explosives, North Circle, Faridabad attended meeting of Quantity Distance (QD) panel of STEC at CFEE office, DRDO, New Delhi. The meeting was chaired by Sh Rao of HEMRL Pune On 06/04/2010.
16. Dy Chief Controller of Explosives, North Circle, Faridabad attended a meeting of National Disaster Management Authority (NDMA) at New Delhi on POL tankers.
17. Dy Chief Controller of Explosives, North Circle, Faridabad attended meeting on National Action Plan on chemical (Industrial) disaster risk management at Disaster Management Authority Office New Delhi.
18. Dy Chief Controller of Explosives, North Circle, Faridabad attended the meeting of STEC at DRDO Bhawan, New Delhi On 14/07/2010.
19. Dy Chief Controller of Explosives, North Circle, Faridabad attended a seminar on "Safety in Hydro Carbon Sector: Drilling to Dispensing" organized by Petrofed, New Delhi On 12/08/2010.
20. Jt. Chief Controller of Explosives, East Circle, Kolkata, Delivered lecture on Petroleum and Explosives Act at IOCL, Haldia Refinery on 18/07/2010.
21. Jt. Chief Controller of Explosives, South Circle, Chennai attended meeting on shifting of fireworks shops to open ground organized by Addl.Commissioner of Police, Chennai On 4.8.2010.
22. Jt. Chief Controller of Explosives, South Circle, Chennai delivered lecture on "Investigation of cases under Arms Act and Explosives Act" organized by TN Police Academy, Vandalur, Chennai On 24.11.2010.
23. Dy. Chief Controller of Explosives, Chandigarh delivered a lecture on 06.09.2010 at Central Detective Training School, Chandigarh to Police Officers from the Northern States of the country of the rank of Dy. S.P./Insp./Sub-Insp. & Asstt. Sub

Inspector on “ Provisions of Explosives Act, 1884/Explosives Rules, 1983. Coordination of Explosives Department with police in maintaining law & order”.

24. Controller of Explosives, O/o Dy.CCE, Allahabad delivered a lecture on **Safety and Awareness of Explosives and Petroleum Products** at Meja Urja Nigam (P) Ltd. (A Joint Venture Company of NTPC Ltd. and UPRVUN Ltd.) Meja Distt. Allahabad(UP) on 10/07/2010.
25. Dy Chief Controller of Explosives & Controller of Explosives, attended three days workshop on 28/03/2011 to 30/03/2011 organized by HQ at Office of The Chief Controller of Explosives, Nagpur.
26. Controller of Explosives, Chennai attended workshop on “Back to Basics” for territory Engineers of BPCL, Southern Region, Chennai. 34 Nos. of Engineers participated.
27. A technical workshop was organized under the chairmanship of Jt. Chief Controller of Explosives, Central Circle, Agra on “New techniques of delivering dry chemical powder in the form of balls initiated by fire itself to fight the fire and safety features associated with manufacturing of emulsion matrix and site mix explosives on dated 12/05/2010.

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

**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 Classes persons belonging to Group 'A', 'B', 'C' & 'D' posts in the Organization and its subordinate offices is given below:

<b>Sr. No.</b>	<b>Category of Posts</b>	<b>No. of Scheduled Caste persons</b>	<b>No. of Scheduled Tribe persons</b>	<b>No. of Other Backward Classes persons</b>
1	Group 'A'	16	04	15
2	Group 'B'	11	01	05
3	Group 'C'	54	27	58
4	Group 'D'	23	07	10

## **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:

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



### **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 and the Testing Station of the Organization throughout the country and the testing station. 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 during the period Nov. 03 to 07, 2010 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 high light 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.

- Activities of sensitive nature have been identified and surveillance is maintained thereon.
- 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.
- Heads of the offices monitors activities of subordinate officers regularly.
- Activities of Heads of Sub-Circle offices are monitored by Heads of Circle Offices.
- The Chief Controller monitors activities of Heads of Circle offices and other offices of Head office.

- Regular and surprise inspections are carried out by nominated officers and Heads of offices/Organization to review sensitive areas/activities of officials.
- 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.
- List of dealing officers with their authorized areas of activities have been conspicuously displayed in the reception room.
- List of officials suspected to be indulging in malpractices is maintained and their activities are closely monitored.
- Public complaints about malpractices are given top priority and are investigated by the Head of the Organization /Head of the Office.
- 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.
- The dealing officers and assistants are made acquainted with the provisions of conduct rules and instructions issued by the Government from time to time.
- Cases of officers who have attained the age of 50 years or put in 30 years of service are reviewed regularly under FR 56(j).

### USE OF OFFICIAL LANGUAGE IN PESO

Petroleum and Explosives Safety Organisation, along with its five circle offices, thirteen Sub-circle offices, five factory attached offices, Departmental Testing Station and Fireworks Research and Development Centre is making coordinated efforts for compliance of the Annual Program issued by the Department of Official Language. 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 objective of creating awareness for progressive use of Hindi in official work, various programs were organized in all the offices throughout the year and motivate the employees for doing maximum official work in Hindi. The incentive scheme of Central Government for noting/drafting done originally in Hindi in official work has been implemented in the organisation and as a regular practice; this year also employees participating in the scheme were awarded during “Hindi Fortnight” function.

Unicode - standard language for encoding has been installed in all computers of the Organisation. Website of the organization is almost bilingual. In order to ensure compliance of Section 3(3) of the Official Languages Act, online modules bilingualisation is under process. All letters received in Hindi have compulsorily been replied in Hindi.

#### **Monitoring and Inspections:**

On 28<sup>th</sup> January 2011, Smt. Suniti Sharma, Joint Director, Official Language, DIPP inspected the office of the Chief Controller of Explosives Nagpur with a view to ensure use and compliance of Official Language Policy . She expressed satisfaction over the progressive use of Hindi and the achievements made by the office. She admired the Hindi Magazine being published by the Organisation and also the online licenses and modules available in bilingual form.

Committee of Parliament on Official Language inspected the office of the Jt. Chief Controller of Explosives, Central Circle, Agra on 24.12.2010 and praised their contribution towards progress of the official language.

#### **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. The employees also participated in the various competitions held by TOLIC. Contribution for the activities of TOLIC is made annually.

#### **Publication of Hindi Magazine “Visphotak Darpan”**

For the publicity of the official language, Hindi Magazine “Visphotak Darpan” issue -10 was published during the Hindi Fortnight by the Head office. Officers and staff

of Head Office as well as circle and sub-circle offices contributed their articles, stories, poetries etc. for the magazine.

Also Agra office of the organisation publishes its journal “Madhyanchal Darpan” and Madhyanchal Samachar regularly.

### **Hindi Training**

Priority is being given to the work of imparting Training in Hindi, including typing, shorthand, Pragma etc. and almost all the employees have been trained in Hindi.

### **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 easy 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 .

During “Hindi Fortnight” various competitions were organized, such as - Hindi Typing, Noting and Drafting, Essay writing, Handwriting competition, Chitra par aadharit kahani, Shabdgyan, Prashnottari and Antakshari. An exhibition of Hindi books is also arranged. “Hindi Day” was celebrated on 14<sup>th</sup> September 2010 with great enthusiasm. On this occasion Honable Home Minister message and the memorandum forwarded by the Ministry was read out for compliance. Winners of the competitions were awarded suitably.

### **Achievements**

For two successive years 2009-10, and 2010-11 PESO, Nagpur office bagged consolation prizes for the Hindi Magazine “Visphotak Darpan” in the award ceremony held on 26<sup>th</sup> August 2011 organised by the Town Official Language Implementation Committee, Nagpur.

Office of the Jt. Chief Controller of Explosives, Central Circle, Agra bagged First Prize for the year 2010-11 and was declared as an **Ideal Office** by the TOLIC, Agra. Agra office continued their endeavour for greater implementation of various provisions of Official Language in their day-to-day working. With the slogan “**Har Diwas –Hindi Diwas**” the office celebrated the year as **Hindi Year**. Various programs related to Hindi were organized every month.

In addition to this individual certificates were awarded to Shri D. Vijayan, Jt. Chief Controller of Explosives and Smt. Shravani Ganguly, Jr. Hindi Translator for their outstanding contributions in execution of the Official Language Policy. Non-Hindi

language speaking honour was bestowed on Shri D. Vijayan, Jt. Chief Controller of Explosives in the form of a memento (Shield).

The Office of Dy. Chief Controller of Explosives, Allahabad bagged second prize for enhancing the use of official language Hindi and Shri Abdul Basir, Dy. Controller of Explosives was praised for his contribution by awarding him shield and certificates by TOLIC, Allahabad.

Petroleum and Explosives Safety Organisation, is committed to its statutory responsibilities of Official Language.

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### **INSPECTIONS OF LICENSED/APPROVED PREMISES**

In spite of severe resource constraints due to several posts of inspection officers in various grades remaining vacant, 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, 14,634 units (out of total 83,453 units licensed/approved) were inspected. This amounts to inspection of 17.53% of the total premises. The units inspected mentioned above include 4,557 Licensed units under Explosives Rules, 2008; 1,528 Licensed units and 77 approved units under Gas Cylinder Rules; 2,401 licensed units and 25 approved units under SMPV (U) Rules.

#### **UNDER PETROLEUM ACT, 1934:**

During the year, 7,430 units licensed/approved were inspected, which amounts to about 3.74% of the total 1,98,265 licensed/approved units. The above inspections include 14,639 units licensed/approved under Petroleum Rules, 2002, 12 units licensed/approved under Calcium Carbide Rules.

In all out of 2,81,718 units covered under licenses and approvals granted by this Organization under various Acts & Rules, 22,064 premises (7.83%) were inspected during the year 2010-11. Statistical information about the premises licensed/approved under various Acts & Rules and inspections carried out thereof are given in Table-I.

Wherever defects, irregularities or violations or 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. In cases of violations regular follow-ups were made for ensuring safe conditions and safe practices.

**TABLE -I**  
**DETAILS OF INSPECTION CARRIED OUT DURING THE YEAR 2010-2011**  
**[A] PREMISES COVERED UNDER LICENCE**

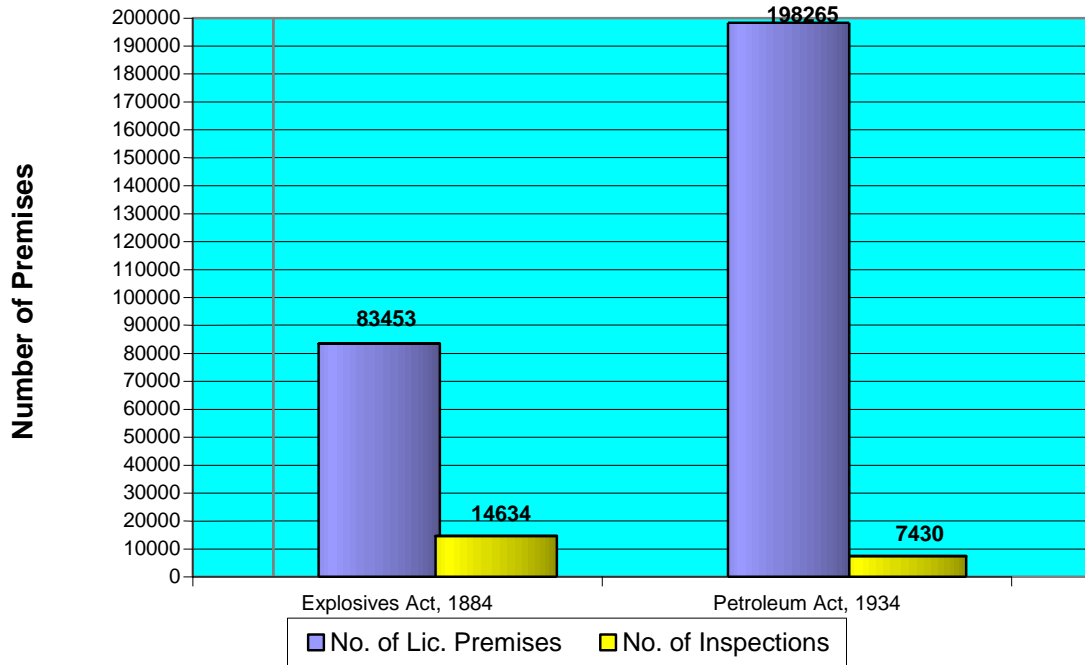
<b>Number of Licensed Premises &amp; Inspection</b>					
<b>Acts &amp; Rules</b>	As on 01.04.2010	<b>Licensed in the year 2010-11</b>	<b>License cancelled in the year 2010-11</b>	<b>Total as on 31.03.11</b>	<b>No. of Inspec tions in the year 2010- 11</b>
<b>1. Under Explosives Act, 1884</b>					
i. Explosives Rules, 2008					
Category 'A'	17647	806	833	17620	5584
Category 'B'	9592	3751	195	13148	2146
ii. Gas Cylinder Rules, 2004	19523	1528	148	20903	4054
iii. SMPV(U) Rules, 1981	26879	2401	1686	27594	2506
<b>Total [1]</b>	<b>73641</b>	<b>8486</b>	<b>2862</b>	<b>79265</b>	<b>14290</b>
<b>2. Under Petroleum Act, 1934</b>					
i. Petroleum Rules, 2002					
Category 'A'	2616	168	23	2761	913
Category 'B'	166420	13894	688	179626	6315
ii. Calcium Carbide Rules, 1987	456	12	0	468	19
iii. Cinematography Film Rules, 1948	0	0	0	0	0
<b>Total [2]</b>	<b>169492</b>	<b>14074</b>	<b>711</b>	<b>182855</b>	<b>7247</b>
<b>Total [1] + [2]</b>	<b>243133</b>	<b>22560</b>	<b>3573</b>	<b>262120</b>	<b>21537</b>

**TABLE -I****[B] PREMISES COVERED UNDER APPROVAL**

<b>Number of Approved Premises &amp; Inspection</b>					
<b>Acts &amp; Rules</b>	<b>As on 01.04.2010</b>	<b>Approved in the year 2010-2011</b>	<b>Approval cancelled in the year 2010-2011</b>	<b>Total as on 31.03.11</b>	<b>No. of Inspections in the year 2010-2011</b>
<b>1. Under Explosives Act, 1884</b>					
i. Explosives Rules, 2008					
Category 'A'	187	165	69	283	198
Category 'B'	1922	7	0	1929	0
ii. Gas Cylinder Rules, 2004	1219	77	109	1187	123
iii. SMPV(U) Rules, 1981	784	25	20	789	23
<b>Total [1]</b>	<b>4112</b>	<b>274</b>	<b>198</b>	<b>4188</b>	<b>344</b>
<b>2. Under Petroleum Act, 1934</b>					
i. Petroleum Rules, 2002					
Category 'A'	930	46	0	976	40
Category 'B'	13686	745	0	14431	143
ii. Calcium Carbide Rules, 1987	3	0	0	3	0
iii. Cinematography Film Rules, 1948	0	0	0	0	0
<b>Total [2]</b>	<b>14619</b>	<b>791</b>	<b>0</b>	<b>15410</b>	<b>183</b>
<b>Total [1] + [2]</b>	<b>18731</b>	<b>1065</b>	<b>198</b>	<b>19598</b>	<b>527</b>
<b>Grand Total [A]+[B]</b>	<b>261864</b>	<b>23625</b>	<b>3771</b>	<b>281718</b>	<b>22064</b>



**Chart showing the number of Licensed Premises and number of Inspection carried out during 2010-2011**



**ACCIDENT INVESTIGATION**  
**SOUTH CIRCLE, CHENNAI**

**UNDER EXPLOSIVES RULES, 2008: -**

- 1. Dated -9.4.2010 – Vembakottai village, Virudhunagar District, Tamilnadu – Killed One Injured Nil.**

Fire/Explosion occurred in the fireworks factory of M/s Premier Fireworks factory. Accident occurred while destruction of waste in an unauthorized place away from the factory. The accident might have occurred due to careless handling of waste explosives.

- 2. Dated -7.6.2010 – M/s Arya Fireworks at Maraneri village, Virudhunagar District, TamilNadu –Killed – -1 , Injured - Nil**

Fire/Explosion occurred in the fireworks factory during manufacturing of fire works. As a result of accident chemical filling shed was razed to ground. The accident might have occurred due to frictional spark generated while ramming perchlorate composition.

- 3. Dated -28.6.2010 – Viswanatham village, Virudhunagar District, Tamilnadu – Killed 1 None Injured.**

Fire/Explosion occurred in the fireworks factory of M/s Natesh Fireworks at Viswanatham village, Virudhunagar District. The accident might have occurred due to decomposition of aluminium powder.

- 4. Dated -2.7.2010 – M/s Premier Explosives Ltd, Peddakandukur, Nalgonda Dt, A.P Killed – Nil Injured - One**

Unusual incident occurred in Building No.C-6 (Chemical shop), the factory premises of M/s Premier Explosives Ltd, Peddakandukur, Nalgonda District while concentrated sulphuric acid was being added by the worker to the solution in the vat. The probable cause of the incident appears to be due to instantaneous and violent reaction between the acid and basic medium while the worker deliberately or accidentally threw acid into the vat containing considerable amount of soda ash.

- 5. Dated -1.8.2010 – Haripad, Alappuzha, Kerala Killed 4 – Injured 4**

Fire/Explosion occurred in an unauthorized fireworks manufacturing unit. The probable cause of the accident was due to the falling of beedi butts on the heap of fireworks composition and there was a possibility that while testing the speed of the wheel-item, lost control and fallen on the heap of fireworks composition resulted spontaneous combustion.

- 6. Dated -26.8.2010 –Village K.Pudur, Virudhunagar District, Tamilnadu Killed 1 – Injured 1**

Fire/Explosion occurred in the fireworks factory of M/s Sri Perinadavar Fireworks. As a result of accident shed No.12, 13 and 16 were partially damaged. The accident might have occurred due to contamination of fireworks composition.

7. **Dated -24.9.2010 – Village- Maraneri, Virudhunagar District**  
Fire/Explosion occurred in the fireworks factory of M./s Sri Rajeswari Fireworks. As a result of the accident transit shed No.28 was razed to ground. The accident might have occurred due to generation of spark while handling of unwrapped fuse.
8. **Dated - 7.10.2010, Naranapuram village, Virudhunagar District, Tamilnadu**  
**Killed 4 – Injured Nil.**  
Fire/Explosion occurred in the fireworks factory of M/s Sri Murugeswari Fireworks. As a result of accident white powder filling shed was razed to ground. The accident might have occurred due to decomposition of wet chakkaram composition.
9. **Dated -4.11.2010 – Nemmara – Palakkad, Kerala State**  
**Killed 3 – Injured Nil**  
Fire/Explosion accident occurred in a fireworks manufacturing shed during the manufacture of fireworks in the premises licensed by District Magistrate. The case is under investigation.
11. **Dated - 21.1.2011 – Thiaigarajapuram village, Virudhunagar District, Tamilnadu**  
**Killed 11 – Injured -10.**  
Fire/Explosion occurred in the fireworks factory of M/s Rajukanna Fireworks. As a result of accident white powder filling shed was razed to ground. The accident might have occurred due to impact/frictional spark generated while handling of colour pellet.
12. **Dated- 01.02.2011 – Thrangali, Palakkad District, Kerala State**  
**Killed 12 – Injured -4**  
Fire/Explosion accident occurred in an unauthorized fireworks manufacturing shed during the manufacture of fireworks. The case is under investigation.
13. **Dated -2.2.2011 –, Peddakandukur, Nalgonda Dt. A.P**  
**Killed – Nil Injured-1.**  
Accident involving explosion of hopper in cubicle, Bld.No.L-1, of M/s Premier Explosives Ltd, Peddakandukur, Nalgonda Dt, A.P. The probable cause of accident is due to sudden breaking of the bottle holder containing ASA and ASA bottle dropping into the ASA hopper.

#### **UNDER GAS CYLINDERS RULES, 2004:**

1. **Dated -4/1/2011 – Vidhyadharapuram, Vijaywada, Krishna Dt. AP**  
**Killed – Nil Injured - Nil.**  
Accident occurred while supplying CNG to APSRTC buses at Vidhyadharapuram, Vijaywada, Krishna District. The probable cause of accident is sulphide corrosion of CNG cylinders in the Cascade. The case is under investigation.

#### **UNDER PETROLEUM RULES, 2004:**

- 1) **Dated - 11/5/2010 –Village - Alwal, District - Hyderabad**  
**Killed Nil –Injured One.**  
A fire accident occurred at a petroleum retail outlet of M/s IOCL, Alwal, Hyderabad while unloading MS into the underground tank by means of a hose pipe. The probable cause of the accident was due to leakage of MS from the hose to fill pipe due to improper connection resulting in spreading on the floor of the retail outlet which must have found some of ignition and erupted into sudden flame which engulfed the hose pipe and subsequently the tanker.

**SOUTH CIRCLE, CHENNAI**

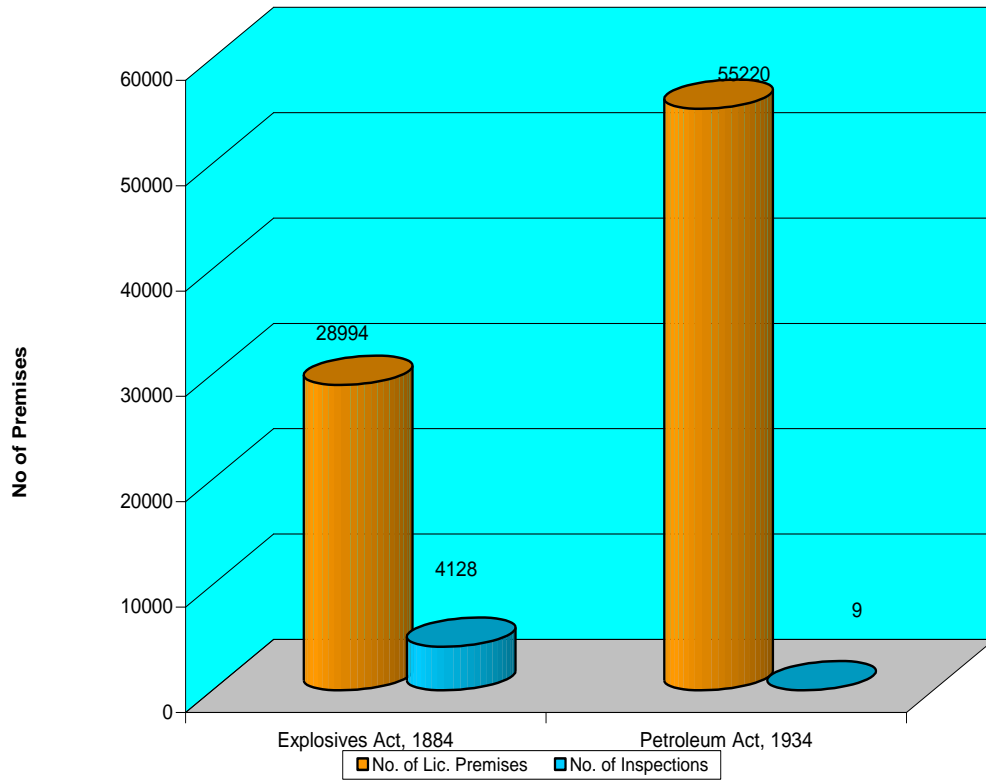
**DETAIL OF INSPECTION CARRIED OUT DURING THE YEAR 2010-2011  
(A) PREMISES COVERED UNDER LICENCE**

<b>Number of Licensed Premises &amp; Inspection</b>					
<b>ACTS &amp; RULES</b>	<b>As on 01.4.10</b>	<b>Licensed in the year 2010-11</b>	<b>Licence cancelled in the year 2010-11</b>	<b>Total as on 31.3.11</b>	<b>Number of inspection in the year 2010-11</b>
<b>1. Under Explosives Act, 1884</b>					
i. Explosive Rules, 2008					
Category 'A'	8442	398	618	8222	2721
Category 'B'	1895	108	164	1839	195
ii. Gas Cylinder Rules, 2004	6947	365	124	7188	1191
iii.SMPV(U) Rules, 1981	11477	586	621	11442	9
<b>Total [1]</b>	<b>28761</b>	<b>1457</b>	<b>1527</b>	<b>28691</b>	<b>4116</b>
<b>Under Petroleum Act, 1934</b>					
i. Petroleum Rules, 2002					
Category 'A'	1805	143	23	1925	0
Category 'B'	49356	3168	219	52305	0
ii. Calcium Carbide Rules, 1987	130	9	0	139	0
iii.Cinematograph Film Rules, 1948	0	0	0	0	0
<b>Total [2]</b>	<b>51291</b>	<b>3320</b>	<b>242</b>	<b>54369</b>	<b>0</b>
<b>Total [1] + [2]</b>	<b>80052</b>	<b>4777</b>	<b>1769</b>	<b>83060</b>	<b>0</b>

**[B] PREMISES COVERED UNDER APPROVAL**

<b>Number of Approved Premises and Inspections</b>					
<b>ACTS &amp; RULES</b>	<b>As on 01.4.10</b>	<b>Approved in the year 2010-11</b>	<b>Approval cancelled in the year 2010-11</b>	<b>Total as on 31.3.11</b>	<b>Number of inspection in the year 2010-11</b>
<b>1. Under Explosives Act,1884</b>					
i. Explosive Rules, 2008					
Category 'A'	102	104	69	137	0
Category 'B'	0	0	0	0	0
ii. Gas Cylinder Rules, 2004	179	9	109	79	8
iii. SMPV(U) Rules, 1981	76	11	0	87	4
<b>Total [1]</b>	<b>357</b>	<b>124</b>	<b>178</b>	<b>303</b>	<b>12</b>
<b>2.Under Petroleum Act,1934</b>					
i. Petroleum Rules, 2002					
Category 'A'	810	41	0	851	9
Category 'B'	0	0	0	0	0
ii. Calcium Carbide Rules, 1987	0	0	0	0	0
iii.Cinematograph Film Rules, 1948	0	0	0	0	0
<b>Total [2]</b>	<b>810</b>	<b>41</b>	<b>0</b>	<b>851</b>	<b>9</b>
<b>Total [1] + [2]</b>	<b>1167</b>	<b>165</b>	<b>178</b>	<b>1154</b>	<b>21</b>
<b>Grand Total [A]+[B]</b>	<b>81211</b>	<b>4942</b>	<b>4947</b>	<b>84214</b>	<b>7482</b>

**SOUTH CIRCLE, CHENNAI**  
**Graph Showing the Number of Licensed Premises & Number of Inspections Carried out**  
**During Year 2010-11**



## **ACCIDENT INVESTIGATION** **WEST CIRCLE, MUMBAI**

### **UNDER EXPLOSIVES RULES, 2008: -**

- 1) Date : 20/04/10 Killed : Nil Injured : 01**  
**Place : Economic Explosives Ltd., Sawanga. Dist.: Nagpur, MS.**  
An accident occurred while taking out fuse head assembly from shell by jerk. Fuse head appeared to have rubbed the wall of the shell causing the accident.
  
- 2) Date : 15/09/10 Killed : Nil Injured : Two**  
**Place : Economic Explosives Ltd., Sawanga. Distt. Nagpur, M.S.**  
  
The hard metal stainless steel scoop was used for filling highly sensitive and delay composition which might have caused friction leading to the fire accident.
  
- 3) Date : 05/10/10 Killed : Nil Injured : Two**  
**Place : Talegaon Distt. Wardha, M.S.**  
An accident took place involving fire in delay composition in the manufacturing factory of M/s. C-det Explosives. The fire was caused while mixing of delay composition due to impact of lead wires with delay composition. The lead wires were tied with the leather lid over the jar.
  
- 4) Date : 21/01/11 Killed : Nil Injured : Nil**  
**Place : Talegaon Distt. Wardha, M.S.**  
An accident took place involving fire while drawing ASA composition. The incident took place due to friction between the ASA and bridge causing sympathetic detonation of ASA mixture kept in two drying trays.

### **UNDER GAS CYLINDERS RULES, 2004:**

- 1. Date : 14/07/2010 Killed – Nil Injured – 110**  
**Place Hazibunder, District Mumbai**  
A Chlorine leakage incident took place in the premises of MbPT at Hazibunder, Mumbai. The Chlorine cylinders were imported without import licence from CCOE & stored in the premises for nearly 10 yrs. causing severe damage to the cylinder, owing to ill effect of vagaries of weather in the open yard.
  
- 2. Date: 11.08.2010 Killed – 1 Injured – 1**  
**Place: M/s. Parag Gases & Chemicals Pvt. Ltd., Pune. Dist. Pune.**  
The explosion took place as the workers of a gas filling plant were engaged in unauthorized and unsafe activity of repairing defective valves of cylinders in the filling plant.
  
- 3. Date : 18/08/2010 Killed : Nil Injured : 11**  
**Place : Nandesari Distt. Baroda, Gujarat.**  
Toxic chlorine gas leaked during unauthorized filling and transfer of chlorine from tonners into cylinders. The accident occurred due to rupture of transfer pipe through which chlorine gas leaked uncontrollably and affected the local residents of the area including school children.

## UNDER PETROLEUM RULES, 2004:

- 1) **Date : 06/02/2011      Killed : Two      Injured : Three**  
**Place : Bharuch      District : Bharuch, Gujarat**  
A fire/ Explosion accident took place in a Petroleum road tanker while welding work was being carried out on the Petroleum tanker. The accident appeared to have been caused due to presence of Petroleum vapours inside the tanker which got ignited when the hot work was carried out without gas freeing the tanker.
  
- 2) **Date ; 19/02/2011      Killed – Five      Injured – Seven**  
**Place : Jamkandorna      District: Rajkot**  
Petroleum Road Tanker carrying Petroleum Class A product from M/s. Reliance Industries Ltd., Jamnagar got over turn due to loss of control by the driver and fell down in a ditch near Jamkandorna. The petroleum product spilled out from the tanker and caught fire. The location was close to the labour hutments. Source of ignition appeared to be from the hutment itself. The resultant fire lead to death and burn injuries of inmates of the hutments.
  
- 4) **Date : 19/11/2010      Killed – Nil      Injured – Nil**  
**Place : Gothada, Savli      Distt : Baroda, Gujarat.**  
A fire accident took place in a solvent distillation unit due to ignition of vapours emanating from solvent which was splashed out from a drum while being shifted from the trolley to the weighing scale. The cause of ignition appeared to be friction due to unsafe operating practices adopted in the premises.
  
- 5) **Date : 25/09/2010      Killed – Two      Injured – Two**  
**Place : Mohgaon, Mohadi      Distt : Bhandara, Maharashtra.**  
A fire accident took place in a solvent extraction unit while opening the manhole of extractor chamber. Hexane vapour evaporated and spark generated through electrical circuit resulted into a massive fire.
  
- 6) **Date : 18/10/2010      Killed – Nil      Injured – Nil**  
**Place : Gondia      Distt : Gondia, Maharashtra.**  
A MS dispensing pump gutted into fire while dispensing petrol to a vehicle. The cause of accident appeared to be electrical short circuit in the dispensing pump because of loose and open electric wiring.
  
- 7) **Date : 30/04/2010      Killed – Nil      Injured – One**  
**Place : M/s. IOCL., Hudkeshwar, Budruk      Distt : Nagpur, Maharashtra.**  
The accident occurred while unloading of MS into the underground tank by using PVC pipe. The fill point of one of the underground tanks was also left open. Accumulation of MS vapour near the fill pipe might have got ignited due to static electricity generated while unloading without providing the earthing. Unsafe practice was the cause of accident.
  
- 8) **Date : 16/08/2010      Killed – Nil      Injured – Nil**  
**Place : Khamgaon      Distt : Buldhana, Maharashtra.**  
A fire accident took place at a retail outlet of M/s. IOCL resulting into MS dispensing pump gutted into fire. The probable cause was short circuit inside the dispensing unit because of the loose wiring and voltage fluctuation during the drizzling.



**WEST CIRCLE, MUMBAI**  
**DETAILS OF INSPECTION CARRIED OUT DURING THE YEAR**  
**2010-2011**

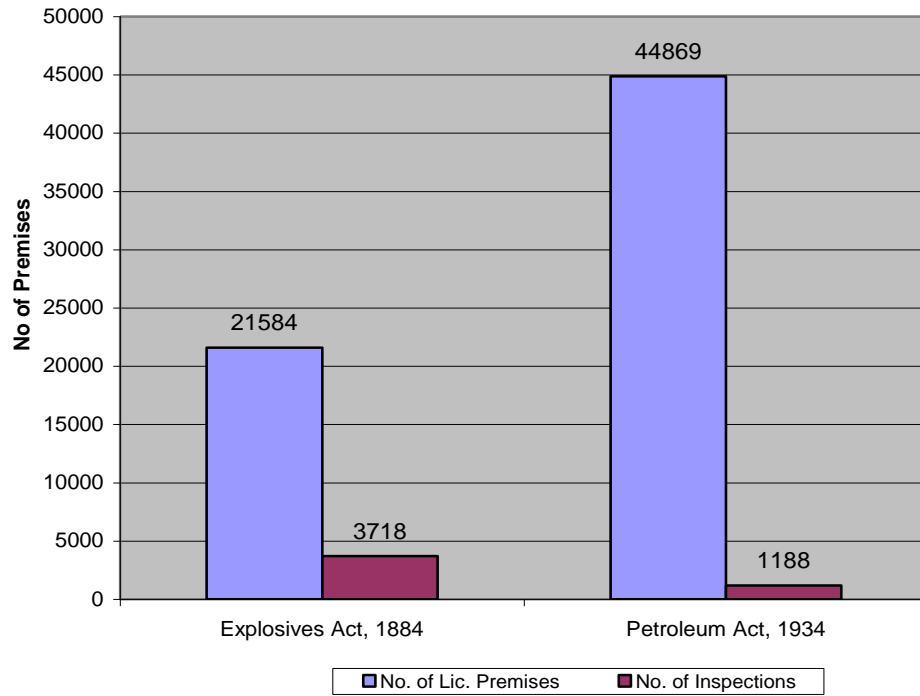
**(A) PREMISES COVERED UNDER LICENCE**

<b>Number of Licensed Premises &amp; Inspection</b>					
<b>ACTS &amp; RULES</b>	<b>As on 01.4.10</b>	<b>Licensed in the year 2010-11</b>	<b>Licence cancelled in the year 2010-11</b>	<b>Total as on 31.3.11</b>	<b>Number of inspection in the year 2010-11</b>
<b>1. Under Explosives Act, 1884</b>					
i. Explosive Rules, 2008					
Category 'A'	1909	147	215	1841	1261
Category 'B'	5729	3149	0	8878	824
ii. Gas Cylinder Rules, 2004	3825	310	24	4111	658
iii. SMPV(U) Rules, 1981	5864	965	489	6340	895
<b>Total [1]</b>	<b>17327</b>	<b>4571</b>	<b>728</b>	<b>21170</b>	<b>3638</b>
<b>Under Petroleum Act, 1934</b>					
i. Petroleum Rules, 2002					
Category 'A'	444	25	0	0	276
276	31489	4132	116	35505	1078
ii. Calcium Carbide Rules, 1987	88	0	0	88	5
iii. Cinematograph Film Rules, 1948	0	0	0	0	0
<b>Total [2]</b>	<b>32021</b>	<b>4157</b>	<b>116</b>	<b>36062</b>	<b>1159</b>
<b>Total [1] + [2]</b>	<b>49348</b>	<b>8728</b>	<b>844</b>	<b>57232</b>	<b>4797</b>

**[B] PREMISES COVERED UNDER APPROVAL**

<b>Number of Approved Premises and Inspections</b>					
<b>ACTS &amp; RULES</b>	<b>As on 01.4.10</b>	<b>Approved in the year 2010-11</b>	<b>Approval cancelled in the year 2010-11</b>	<b>Total as on 31.3.11</b>	<b>Number of inspection in the year 2010-11</b>
<b>1. Under Explosives Act, 1884</b>					
i. Explosive Rules, 2008					
Category 'A'	16	3	0	19	5
Category 'B'	0	0	0	0	0
ii. Gas Cylinder Rules, 2004	210	13	0	223	57
iii. SMPV(U) Rules, 1981	228	14	20	222	18
<b>Total [1]</b>	<b>454</b>	<b>30</b>	<b>20</b>	<b>464</b>	<b>80</b>
<b>2. Under Petroleum Act, 1934</b>					
i. Petroleum Rules, 2002					
Category 'A'	110	5	0	115	29
Category 'B'	8463	226	0	8689	0
ii. Calcium Carbide Rules, 1987	3	0	0	3	0
iii. Cinematograph Film Rules, 1948	0	0	0	0	0
<b>Total [2]</b>	<b>8576</b>	<b>231</b>	<b>0</b>	<b>8807</b>	<b>29</b>
<b>Total [1] + [2]</b>	<b>9030</b>	<b>261</b>	<b>0</b>	<b>9271</b>	<b>109</b>
<b>Grand Total [A]+[B]</b>	<b>58378</b>	<b>8989</b>	<b>864</b>	<b>66503</b>	<b>4906</b>

**WEST CIRCLE, MUMBAI**  
**Graph Showing the Number of Licensed Premises**  
**and Number of Inspections carried out During Year**  
**2010-11**



## **CENTRAL CIRCLE, AGRA**

### **ACCIDENTS:**

#### **UNDER PETROLEUM RULES, 2004:**

**1) Date : 02/04/2010 - Place : Tikariya, District Mandla, Madhya Pradesh.**

**Killed – NIL, Injured - NIL**

A fire incident took place, in retail outlet premises of M/s Indian Oil Corporation Limited, Jabalpur at village: Tikariya, District: Mandla (MP).

On the day of fire incident, the electrical power was not available due to power cut. At around 12.00 hrs., when the power was restored, suddenly smoke and fire was observed in the sales building where the MP Electricity Board's electrical meter was installed. The fire was extinguished immediately by the pump attendants with the help of 4.5 Kg CO2 fire extinguisher.

The most likely cause of fire may be the generation of spark in the electrical meter due to high electric voltage impulse.

**2) Date : 10/04/10 - Place : Gagalheri Distt. Saharanpur Uttar Pradesh**

**Killed - Nil Injured - 3**

A fire incident took place in the retail outlet premises of M/s Indian Oil Corporation Limited. As soon as the decantation of MS was commenced at a RO, a sudden spark was noticed in between fill point of underground tank of MS and discharge faucet of tank truck. The petroleum vapours present near the fill point or discharge faucet of the tank truck caught fire which engulfed the decanting hose, tank truck and all other facilities in the vicinity generation of static charge may be the probable cause.

**3) Date : 12/06/10 - Place : Obedullaganj Distt. Bhopal, Madhya Pradesh.**

**Killed - Nil Injured - 2**

A fire incident took place in the retail outlet of M/s IOCL. At the time of accident unloading of MS was just started into a MS underground tank of the retail outlet. During decantation, the filling pipe was not gas tight thus causing extensive accumulation of petroleum vapour on the ground. Filling of customer vehicles was going on by nearby dispensing units. The accumulated petroleum vapour got ignited by generation of static charge during offloading of Motor Spirit/running of vehicles near vicinity. The petroleum tank lorry was badly damaged.

**4) Date: 17/02/2011, Place: Kanpur, Distt. Kanpur, U.P.**

**Killed - Nil Injured – 2**

A fire accident occurred in the porta cabin of the retail outlet of M/s. HPCL at plot no. 96/6, Mall Road, Kanpur, Distt. Kanpur Nagar. The fire started in the porta cabin which might have been initiated from the MS samples kept in the porta cabin. 02 workers who were sleeping in the porta cabin sustained burn injuries, the above said workers and other workers of the retail outlet managed to escape before the porta cabins were engulfed in fire.

## **UNDER GAS CYLINDERS RULES, 2004:**

- 1) Date: 28/09/2010, Place: Neoria, Hussainpur, Distt. Pilibhit Uttar Pradesh.**

**Killed- 6 , Injured- Nil**

During illegal filling of cylinders with the help of improvised filling devices in the LPG godown of M/s. Shanti gas service, Neoria, Hussainpur, Distt. Pilibhit LPG leaked and spread in the room. When the door of the room was opened, accumulated LPG in the room caught fire due to some source of ignition and massive explosion occurred there after.

- 2) Date: 21/01/2011, Post : Bhadrabad, Distt. Haridwar, Uttarakhand**

**Killed-3, Injured-5**

A fire accident occurred in the oxygen/carbon dioxide filling plant of M/s. Shivalik air products. When the valve of filling manifold was opened, fire occurred in one of the cylinders which was connected to the manifold.

## CENTRAL CIRCLE, AGRA

### DETAILS OF INSPECTION CARRIED OUT DURING THE YEAR 2010-2011

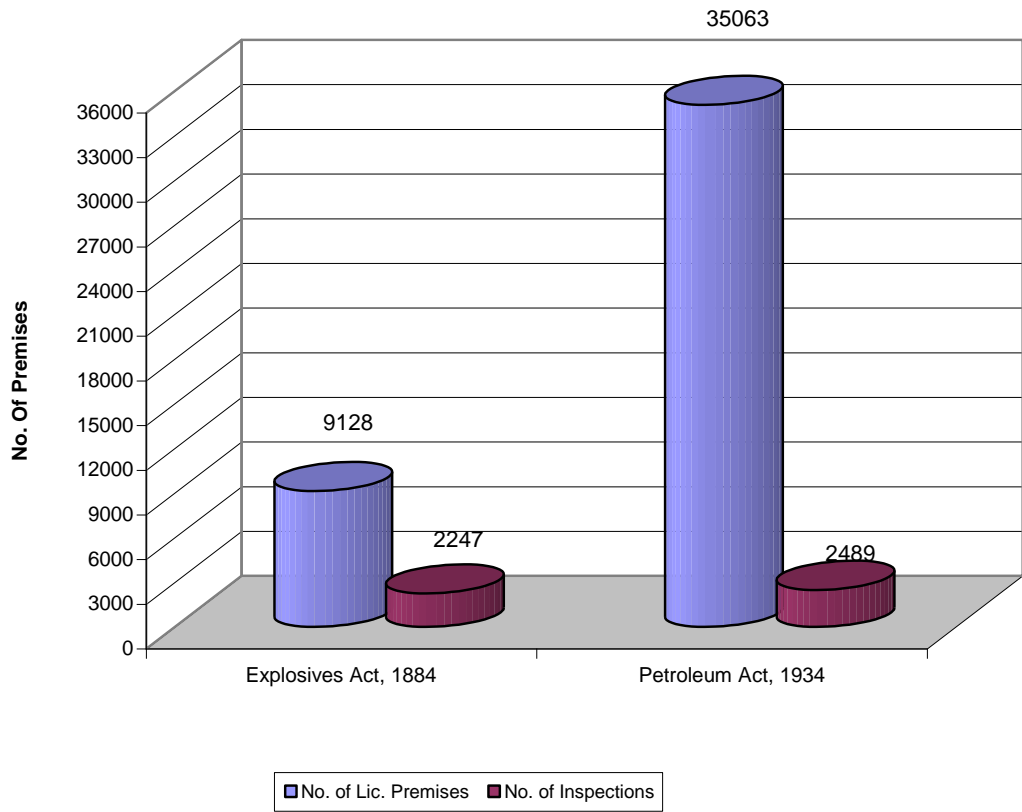
#### (A) PREMISES COVERED UNDER LICENCE

Number of Licensed Premises and Inspections					
ACTS & RULES	As on 01.4.10	Licensed in the year 2010-11	Licence cancelled in the year 2010-11	Total as on 31.3.11	Number of inspection in the year 2010-11
<b>1. Under Explosives Act, 1884</b>					
i. Explosive Rules, 2008					
Category 'A'	2445	65	0	2510	455
Category 'B'	1311	56	31	1336	463
ii. Gas Cylinder Rules, 2004	3178	403	0	3581	928
iii. SMPV(U) Rules, 1981	1569	26	28	1567	388
<b>Total [1]</b>	<b>8503</b>	<b>550</b>	<b>59</b>	<b>8994</b>	<b>2234</b>
<b>2. Under Petroleum Act, 1934</b>					
i. Petroleum Rules, 2002					
Category 'A'	123	0	0	123	459
Category 'B'	32306	2170	123	34353	2020
ii. Calcium Carbide Rules, 1987	27	0	0	27	7
iii. Cinematograph Film Rules, 1948	0	0	0	0	0
<b>Total [2]</b>	<b>32456</b>	<b>2170</b>	<b>123</b>	<b>34503</b>	<b>2486</b>
<b>Total [1] + [2]</b>	<b>40959</b>	<b>2720</b>	<b>182</b>	<b>43497</b>	<b>4720</b>

**[B] PREMISES COVERED UNDER APPROVAL**

<b>Number of Approved Premises and Inspections</b>					
<b>ACTS &amp; RULES</b>	<b>As on 01.4.10</b>	<b>Approved in the year 2010-11</b>	<b>Approval cancelled in the year 2010-11</b>	<b>Total as on 31.3.11</b>	<b>Number of inspection in the year 2010-11</b>
<b>1. Under Explosives Act,1884</b>					
i. Explosive Rules, 2008	0	0	0	0	0
Category 'A'	0	0	0	0	0
Category 'B'	0	0	0	0	0
ii. Gas Cylinder Rules, 2004	115	0	0	115	12
iii. SMPV(U) Rules, 1981	19	0	0	19	1
<b>Total [1]</b>	<b>134</b>	<b>0</b>	<b>0</b>	<b>134</b>	<b>13</b>
<b>2. Under Petroleum Act,1934</b>					
i. Petroleum Rules, 2002					
Category 'A'	0	0	0	0	2
Category 'B'	533	27	0	560	1
ii. Calcium Carbide Rules, 1987	0	0	0	0	0
iii. Cinematograph Film Rules, 1948	0	0	0	0	0
<b>Total [2]</b>	<b>533</b>	<b>27</b>	<b>0</b>	<b>560</b>	<b>3</b>
<b>Total [1] + [2]</b>	<b>667</b>	<b>27</b>	<b>0</b>	<b>694</b>	<b>16</b>
<b>Grand Total [A]+[B]</b>	<b>41626</b>	<b>2747</b>	<b>182</b>	<b>44191</b>	<b>9456</b>

**CENTRAL CIRCLE, AGRA**  
**Graph Showing the Number of Licensed Premises & Number of Inspections Carried out**  
**During Year 2010-11**





## **NORTH CIRCLE, FARIDABAD**

### **ACCIDENTS**

#### **UNDER SMPV(U) RULES, 1981:**

- 1. Date: 05/04/2010, Place: Srinagar Jammu & Kashmir**

**Killed - 1 Injured – 0**

LPG road tanker registration no. HR-55/E-6526 with 12 MT LPG lost balance and fallen into deep valley on its way to Srinagar from Bottling Plant of BPCL, Lalru, Punjab. The liquid inlet valve of vessel got damaged in the accident and leaked LPG caught fire from some external source.

#### **UNDER GAS CYLINDERS RULES, 2004:**

- 1. Date: 30/05/2010, Place: Badalwas, District Jhunjhunu, Rajasthan.**

**Killed - Nil Injured – Nil**

A truck with load of 300 Nos of LPG filled cylinders taken from LPG Bottling Plant of M/S IOC Ltd, Badalwas, Distt. Jhunjhunu (Rajasthan) on 30.5.2010 and proceeded for delivery to LPG godown. On the way the rear tyres of the truck got punctured but driver did not stop the truck and in this process the tyre caught fire due to heavy friction. The driver immediately parked the truck in side a nearby retail outlet of M/S IOCL at Raghunathpura, Surajgarh, Distt. Jhunjhunu. Then suddenly the fire/ explosion occurred in the truck followed by huge fire, engulfing the whole truck. Resulting the explosion of actual 130 nos of cylinders and damage of actual 170 nos of cylinders. Three nos of dispensing units of retail outlet were also damaged in this accident.

- 2. Date: 04/02/2010, Place: Rohad, Jhajjar, Haryana.**

**Killed - 1 Injured – Nil**

The accident Occurred at BHASIN GASES, , ROHAD, Teshil BAHADURGARH, JHAJJAR, Haryana on 4<sup>th</sup>-Feb-2011, at 01.45 AM. During the course of investigation on, it was revealed that the subject accident had happened during the time of filling of cylinders at night The probable cause of accident might be the unapproved night filling and without proper supervision by the competent person.

#### **UNDER PETROLEUM RULES, 2004:**

- 1. Date: 1/04/2010, Place: Yamunanagar, Haryana.**

**Killed - Nil Injured – Nil**

Fire incident occurred at the premises of of M/S IOC Ltd. The vapours generated from the leaked MS in the dispensing unit caught fire. The source of ignition might be the electric loose wiring in the dispensing unit as non flameproof.

- 2. Date: 19/06/2010, Place: Jodhpur.**

**Killed - Nil Injured – 1**

Petroleum road tanker was brought to bay no. 7 of Salawas Depot of M/S HPC Ltd, Jodhpur for loading of MS in comp no. 1 & Comp. no. 2. Thereafter the tanker was moved to bay no. 3 for loading of HSD in comp. no. 3 & 4. But before loading of HSD could start the MS started leaking from discharge faucet no. 2. The driver tried to tighten the closing valve but there was a flash followed by fire in the faucet opening.

## **Under Unlicensed premises:**

**1. Date: --- , Place: Chandigarh.**

**Killed - Nil Injured – 8**

Accident took place due to leakage of chlorine from a cylinder kept in tube well room of Water Supply Department, Chandigarh for chlorination of water causing injury to eight persons. The leakage started as connection of cylinder valve with rotameter was not properly. The supervisor was not trained properly to handle toxic gas cylinders.

**2. Date: --- , Place: Chandigarh.**

**Killed - 6 Injured – 11**

Accident took place in unlicensed illegal premises in Village Fajjiupur, District Gurdaspur (PB) where manufacturing of illegal fireworks was being done. The fireworks/ raw material of fireworks kept in the house probably ignited from some external source and led to the blast, which demolished nine residential houses completely causing death of six persons and injuries to 11 persons.

## NORTH CIRCLE, FARIDABAD

### DETAILS OF INSPECTION CARRIED OUT DURING THE YEAR 2010-11

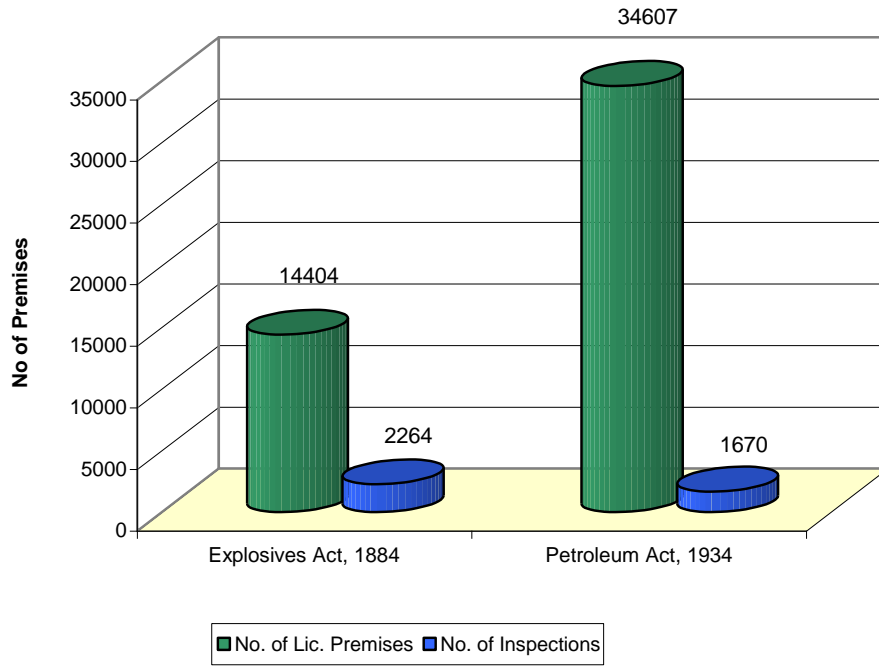
#### (A) PREMISES COVERED UNDER LICENCE

<b>Number of Licensed Premises and Inspections</b>					
<b>ACTS &amp; RULES</b>	<b>As on 01.4.10</b>	<b>Licensed in the year 2010-11</b>	<b>Licence cancelled in the year 2010-11</b>	<b>Total as on 31.3.11</b>	<b>Number of inspection in the year 2010-11</b>
<b>1. Under Explosives Act, 1884</b>					
i. Explosive Rules, 2008					
Category 'A'	2204	33	0	2237	466
Category 'B'	551	436	0	987	434
ii. Gas Cylinder Rules, 2004	3600	172	0	3772	570
iii. SMPV(U) Rules, 1981	5061	351	274	5138	546
<b>Total [1]</b>	<b>11416</b>	<b>992</b>	<b>274</b>	<b>12134</b>	<b>2016</b>
<b>Under Petroleum Act, 1934</b>					
i. Petroleum Rules, 2002					
Category 'A'	196	0	0	196	111
Category 'B'	30381	992	60	31313	1430
ii. Calcium Carbide Rules, 1987	62	3	0	65	4
iii. Cinematograph Film Rules, 1948	0	0	0	0	0
<b>Total [2]</b>	<b>30639</b>	<b>995</b>	<b>60</b>	<b>31574</b>	<b>1545</b>
<b>Total [1] + [2]</b>	<b>42055</b>	<b>1987</b>	<b>334</b>	<b>43708</b>	<b>3561</b>

**[B] PREMISES COVERED UNDER APPROVAL**

<b>Number of Approved Premises and Inspections</b>					
<b>ACTS &amp; RULES</b>	<b>As on 01.4.10</b>	<b>Approved in the year 2010-11</b>	<b>Approval cancelled in the year 2010-11</b>	<b>Total as on 31.3.11</b>	<b>Number of inspection in the year 2010-11</b>
<b>1. Under Explosives Act,1884</b>					
i. Explosive Rules, 2008					
Category 'A'	39	58	0	97	193
Category 'B'	1922	7	0	1929	0
ii. Gas Cylinder Rules, 2004	247	55	0	302	55
iii. SMPV(U) Rules, 1981	42	0	0	42	0
<b>Total [1]</b>	<b>2250</b>	<b>120</b>	<b>0</b>	<b>2370</b>	<b>248</b>
<b>2. Under Petroleum Act,1934</b>					
i. Petroleum Rules, 2002					
Category 'A'	3	0	0	3	0
Category 'B'	2542	488	0	3030	125
ii. Calcium Carbide Rules, 1987	0	0	0	0	0
iii. Cinematograph Film Rules, 1948	0	0	0	0	0
<b>Total [2]</b>	<b>2545</b>	<b>488</b>	<b>0</b>	<b>3033</b>	<b>125</b>
<b>Total [1] + [2]</b>	<b>4795</b>	<b>608</b>	<b>0</b>	<b>5403</b>	<b>373</b>
<b>Grand Total [A]+[B]</b>	<b>46850</b>	<b>2595</b>	<b>334</b>	<b>49111</b>	<b>3934</b>

**NORTH CIRCLE, FARIDABAD**  
**Graph Showing the Number of Licensed Premises and**  
**Number of Inspections carried out During Year 2010-11**



## **EAST CIRCLE, KOLKATA**

### **ACCIDENTS:**

#### **UNDER EXPLOSIVES RULES, 2008: -**

- 1) **Date: 09/02/2011 Place: Subdega District Sundergarh**

**Killed - 1 Injured –Nil**

One explosives van loaded with 8.5 MT of explosives of M/s. Gulf Oil Corpn.Ltd met with a road accident on 9.2.2011 at about 10.00 am. The driver of said van died in the hospital and the van was damaged and explosives remained intact which were the shifted to another explosive van.

- 2) **Date: 25/02/2011 Place: Bigachi, District North 24-Parganas, West Bengal.**

**Killed - 1 Injured –Nil**

An explosion accident occurred at Siesmic Exploration site of M/s. ONGC on 25.2.2011 at Village Bigachi, Sardar Para, North 24-Parganas, West Bengal. The explosives materials to the site was issued from explosives magazine and transported through explosive van. The case is under investigation.

- 3) **Date: 08/03/2011 Place: Kusum More Village, District Gumla, Jharkhand.**

**Killed - 2 Injured –Nil**

Fire explosion accident occurred in an explosives van transporting only one box of containing 10,000 no. of ordinary detonators for M/s. Hindalco Industries Lohardanga of on 8.3.2011 at around 11.45 a.m. at Kusum More Village, Chulamati, PS Ghagra, Distt. Gumla, Jharkhand. The probable cause of accident might be either ignition due to vibration on skidding of detonators box during upward movement of explosives van at steep turning and hitting the wall of the van or sabotage by naxalite activities.

#### **UNDER SMPV(U) RULES, 1981:**

- 1) **Date: 15/07/2010, Place: Koderma Valley, Koderma, Jharkhand.**

**Killed - Nil Injured – Nil**

The LPG road tanker on national highway leaked through safety relief valves caught fire.

#### **UNDER PETROLEUM RULES, 2004:**

- 1) **Date: 01/06/2010, Place: Patna, Bihar.**

**Killed - 1 Injured – 1**

A fire accident occurred at retail outlet of M/s. IOCL situated at Boring Road, Patna on 1.6.2010 during decantation of MS from tank lorry to underground tank.

- 2) **Date: 03/08/2010, Place: Moukhoa, Golaghat, Assam.**

**Killed - Nil Injured – Nil**

Fire explosion accident occurred in a retail outlet on 3.8.2010 at 3.30 pm. At Golaghat, Ward no.8, Moukhoa, Golaghat, Assam. The cause of accident might be the spark emanated from loose electrical wiring of dispensing unit or the mobile which was in use at the time of accident due to which the petroleum vapour might have caught fire.

## EAST CIRCLE, KOLKATA

### DETAILS OF INSPECTION CARRIED OUT DURING THE YEAR 2010-2011

#### (A) PREMISES COVERED UNDER LICENCE

Number of Licensed Premises & Inspection					
ACTS & RULES	As on 01.4.10	Licensed in the year 2010-11	Licence cancelled in the year 2010-11	Total as on 31.3.11	Number of inspection in the year 2010-11
<b>1. Under Explosives Act, 1884</b>					
i. Explosive Rules, 2008					
Category 'A'	2647	163	0	2810	681
Category 'B'	106	2	0	108	230
ii. Gas Cylinder Rules, 2004	1973	278	0	2251	707
iii. SMPV(U) Rules, 1981	2908	473	274	3107	668
<b>Total [1]</b>	<b>7634</b>	<b>916</b>	<b>274</b>	<b>8276</b>	<b>2286</b>
<b>Under Petroleum Act, 1934</b>					
i. Petroleum Rules, 2002					
Category 'A'	48	0	0	48	67
Category 'B'	22888	3432	170	26150	1787
ii. Calcium Carbide Rules, 1987	149	0	0	149	3
iii. Cinematograph Film Rules, 1948	0	0	0	0	0
<b>Total [2]</b>	<b>23085</b>	<b>3432</b>	<b>170</b>	<b>26347</b>	<b>1857</b>
<b>Total [1] + [2]</b>	<b>30719</b>	<b>4348</b>	<b>444</b>	<b>34623</b>	<b>4143</b>

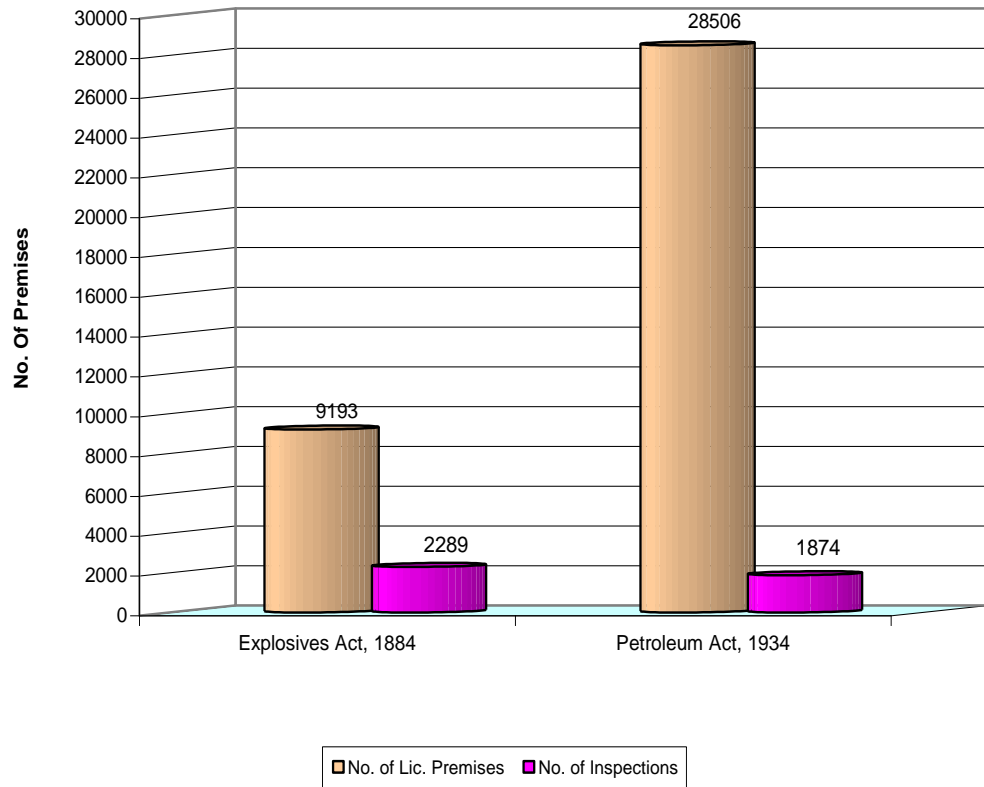
## [B] PREMISES COVERED UNDER APPROVAL

<b>Number of Approved Premises and Inspections</b>					
<b>ACTS &amp; RULES</b>	<b>As on 01.4.10</b>	<b>Approved in the year 2010-11</b>	<b>Approval cancelled in the year 2010-11</b>	<b>Total as on 31.3.11</b>	<b>Number of inspection in the year 2010-11</b>
<b>1. Under Explosives Act,1884</b>					
i. Explosive Rules, 2008					
Category 'A'	30	0	0	30	0
Category 'B'	0	0	0	0	0
ii. Gas Cylinder Rules, 2004	468	0	0	468	3
iii. SMPV(U) Rules, 1981	419	0	0	419	0
<b>Total [1]</b>	<b>917</b>	<b>0</b>	<b>0</b>	<b>917</b>	<b>3</b>
<b>2.Under Petroleum Act,1934</b>					
i. Petroleum Rules, 2002					
Category 'A'	7	0	0	7	0
Category 'B'	2148	4	0	2152	17
ii. Calcium Carbide Rules, 1987	0	0	0	0	0
iii. Cinematograph Film Rules, 1948	0	0	0	0	0
<b>Total [2]</b>	<b>2155</b>	<b>4</b>	<b>0</b>	<b>2159</b>	<b>17</b>
<b>Total [1] + [2]</b>	<b>3072</b>	<b>4</b>	<b>0</b>	<b>3076</b>	<b>20</b>
<b>Grand Total [A]+[B]</b>	<b>33791</b>	<b>4352</b>	<b>444</b>	<b>37699</b>	<b>4163</b>

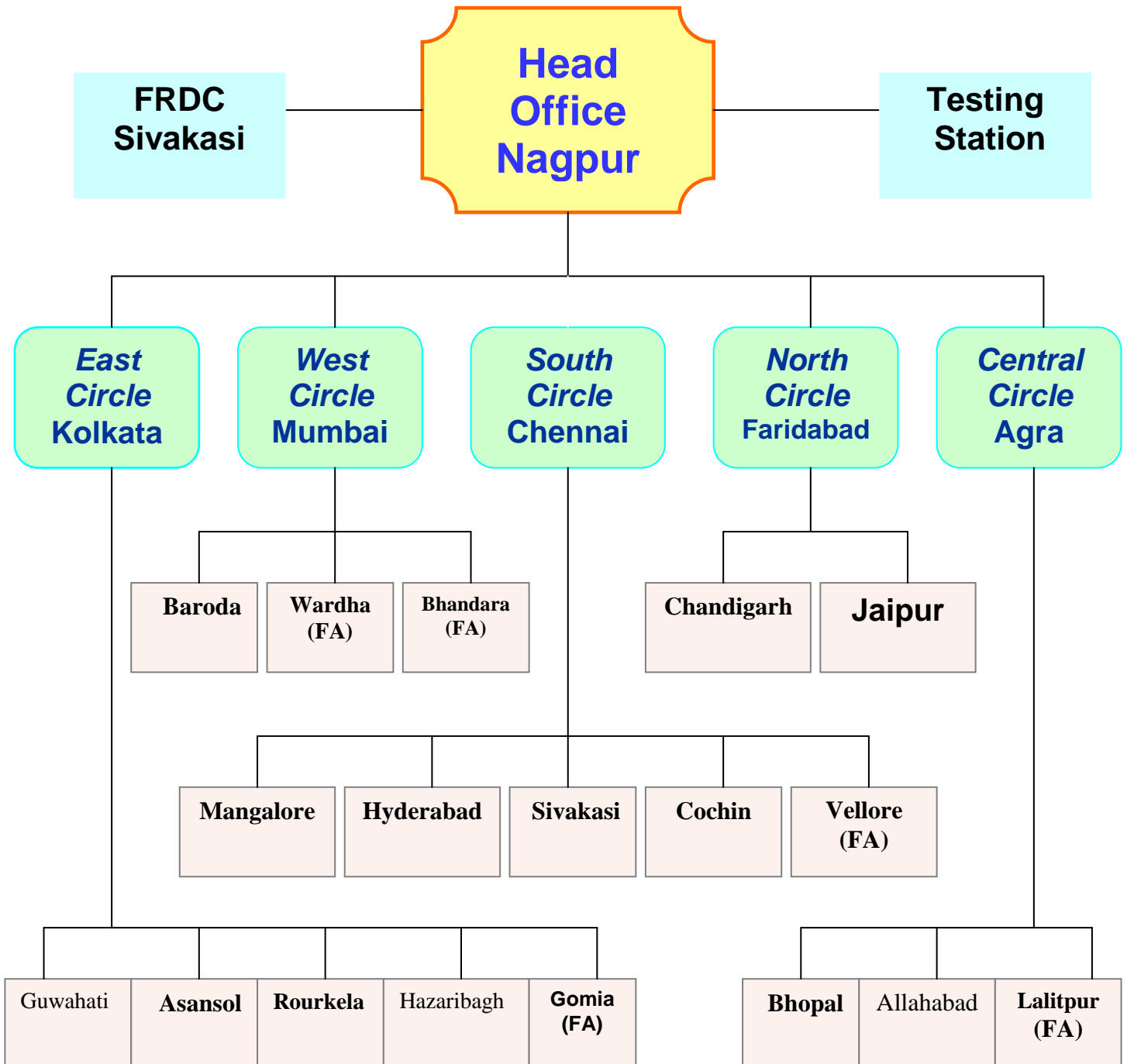


**EAST CIRCLE, KOLKATA**

**Graph showing the Number of Licensed Premises and Number of Inspection carried out During Year 2010-11**



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



**ANNEXURE-II****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 : <a href="mailto:explosives@explosives.gov.in">explosives@explosives.gov.in</a> Web-site: <a href="http://peso.gov.in">http://peso.gov.in</a>		
01	<b>Nagpur</b>	Chief Controller of Explosives, Petroleum And Explosives Safety Organization Block "A", 5 <sup>th</sup> Floor, C.G.O. Complex, Seminary Hills, Nagpur 440 006(M.S.)	Whole India	STD Code (0712) 2510103, 2510580 2510459, 2510389 2510579, 2510579, 2512006, 2510072, 2512091, 2510139, 2512093, 2512094, 2511512 EPABX No-2510248 Fax No. -2510577 Telegram:Explosives
B.	West Circle	E-mail : <a href="mailto:jtccemumbai@explosives.gov.in">jtccemumbai@explosives.gov.in</a>		
01	<b>Navi Mumbai</b>	Joint Chief Controller of Explosives, A-1 & A-2 Wing, 5 <sup>th</sup> Floor, C.G.O. Complex, CBD Belapur, Navi- Mumbai 400614. (M.S.)	Gujrat, Maharashtra, Goa, Daman & Diu, Dadra and Nagar Haveli.	STD Code (022) 27564941(D) 27573881 EPABX No.-27575946 Fax No.- 27575967 Telegram: INSWEST
Sub-Circle Office				
02	<b>Baroda</b>	Dy. Chief Controller of Explosives, 8 <sup>th</sup> Floor, Yash Kamal Building Opposite MS Unmiversity Sayajigunj, Baroda – 390020	Gujarat	STD Code (0265) 2361035, 22251594 Fax No.- 2225952 Telegram: Explosives
Factory Attached Office		E-mail: <a href="mailto:cebhn@nagpur.dot.net.in">cebhn@nagpur.dot.net.in</a>		
03	<b>Bhandara</b>	Controllor of Explosives, Qtr. No. 16/1, Type IV, Ordnance factory Estate, Jawaharnagar, Bhandara-441906 (M.S.)	Bhandara, Gondia, Chandrapur, Gadchirpoli Districts of Maharashtra	STD Code (07184) 275261 Fax No.- 275261 Telegram: Explosives
Factory Attached Office				
04	<b>Wardha</b>	Controllor of Explosives, C/o.Geetai Nagar, Opposibe Dhuniwale's	Wardha, Yeotmal, Washim, Hingoli, Akola, Amravati,	STD Code (07152) 245006, 254656 Fax No.- 230370

		Math, Nagpur Road, Gopuri, Wardha 442001 (M.S.)	Nanded, Parbhani, Buldhana Districts of Maharashtra	
C. East Circle, Kolkata E-mail: <a href="mailto:jtceekolkata@explosives.gov.in">jtceekolkata@explosives.gov.in</a>				
01	<b>Kolkata</b>	The Joint Chief Controller of Explosives, 8 Explanade East, 1 <sup>st</sup> Floor, Kolkatta 700069 (W.B.)	West Bengal, Bihar, Orissa, Assam, Manipur, Tripura, Arunachal Pradesh, Meghalaya, Mizoram, Nagaland, Andaman & Nicobar Islands	STD Code (033) 22480427, 22486600, 22489524, 22130895 Fax No.-22439322 Telegram: INSEAST
Sub-Circle Office				
02	<b>Asansol</b>	Dy. Chief Controller of Explosives, 93, S.B. Gorai Road, P.O. Asansol, Dist. Burdwan, 713301 (W. B.)	Districts of Burdwan, Bankura and Purulia (West Bengal) & Dhanbad (Jharkhand)	STD Code (0341) 2283834 Fax No.-2283967 Telegram: Explosives
Sub-Circle Office				
03.	<b>Guwahati</b>	Dy. Chief Controller of Explosives, GNB Road, Near Bhuyan Manson, 4 <sup>th</sup> Floor, Panchwati, Silpukhuri, Guwahati 781003 (Assam)	Assam, Manipur, Tripura, Nagaland, Arunachal Pradesh, Meghalaya and Mizoram	STD Code (0361) 2662783 Fax No.-2662503 Telegram: Explosives
Sub-Circle Office				
04.	<b>Hazaribagh</b>	Dy. Chief Controller of Explosives, Opposite Head Post Office, Zulu Park, Hazaribagh 825 301(Bihar)	Bihar and Jharkhand except Dhanbad District and ICI Factory at Gomia	STD Code (06546) 228203 Fax No.-222745 Telegram: Explosives
Sub-Circle Office				
05.	<b>Rourkela</b>	Dy. Chief Controller of Explosives, Sector-6, B- 274, Rourkela 769 012 (Orissa)	Orissa	STD Code (0661) 2640098, 2642395 Fax No.- 2650784 (F) Telegram: Explosives
Factory Attached Office				
06..	<b>Gomia</b>	Controller of Explosives, P.O. Indian Explosives, Gomia-829112 (Jharkhand)	Giridih, Koderma & Devghar	STD Code (06544) 261253 Fax No.-261253 Telegram: INSGOM
D. South Circle E-mail: <a href="mailto:jtcechennai@explosives.gov.in">jtcechennai@explosives.gov.in</a>				

01.	<b>Chennai</b>	Jt. Chief Controller of Explosives, No. 140, Rukhmini Laxmipati Road, Marshalls Road, Egmore, Chennai 600008 (T.N.)	Tamilnadu, Karnataka, Kerala, Andhra Pradesh, Pondichery & the Lakshdive Islands	STD Code (044) Tel.: 28515464, 28419529, 28429945-47 Fax No.- 28514848 Telegram: Explosives
Sub-Circle Office				
02.	<b>Ernakulam</b>	Dy. Chief Controller of Explosives, C2, 3 <sup>rd</sup> Floor, CGO Complex, Opp. CSEZ, Kakkanad, Ernakulam, Kochi-682037 (Kerala)	Kerala and Mahe in the Union Territory of Pondichery	STD Code (0484) Tel.: 2427276, 2427286 Fax No.2427276 Telegram: Explosives
Sub-Circle Office				
03	<b>Mangalore</b>	Dy. Chief Controller of Explosives, 2 <sup>nd</sup> Floor, City Centre, Opposite Hotel Roopa, Balmatta Road, Mangalore-575001 (Karnataka)	Karnataka	STD Code (0824) 2420167, 2441588 Fax No.-2423937 Telegram: Explosives
Sub-Circle Office				
04.	<b>Sivakasi</b>	Dy. Chief Controller of Explosives, FRDC, Behind FSI Hospital, Sivakasi West, Sivakasi-626124 (T.N.)	Ramnathapuram, Madurai, Tirunelveli, Thanjaur, Theni Kanyakumari, Virudunagar, Tuticorin, Dindigal, Madurai, Dindigul Anna & Nagapptinam Districts of Tamil Nadu	STD Code (04562) 230453, 254402 Fax No.- 230233 Telegram: Explosives
Factory Attached Office				
05.	<b>Vellore</b>	Controller of Explosives, D-57, 1 <sup>st</sup> Floor, Katpadi Road, Gandhi Nagar, Vellore 632006 (TN)	Vellore, Dharmapuri, Thiruvannamalai, Salem, Brode & Coimbatore Districts of T. N.	STD (0416) 2241642 Fax No.- 2242513
Sub-Circle Office				
06.	<b>Hyderabad</b>	Dy. Chief Controller of Explosives, Kendriya Sadan, 1 <sup>st</sup> Floor, Sultan Bazar, Koti, Hyderabad 500195 (A.P.)	Andhra Pradesh, Yenam in the Union Territory of Pondichery	STD (040) 24600359, Fax No. 24617803 Telegram: Explosives
E.	Central Circle	E-mail: jtcceagra@explosives.gov.in		

01.	<b>Agra</b>	Jt. Chief Controller of Explosives, 63/4, A-Wing, 2 <sup>nd</sup> Floor, C.G.O. Complex, Sanjay Palace, Agra- 282 002 (U.P)	Uttar Pradesh and Madhya Pradesh, Uttaranchal and Chattisgarh	STD (0562) 2521322 2523244, 2523266 Fax No.- 2527436 Telegram: Explosives
Sub-Circle Office				
02.	<b>Allahabad</b>	Dy. Chief Controller of Explosives Sector-1, Bhawan No 66, Lajpat Rai Road, Allahabad - 211001 (U.P)	Allahabad, Ambedkarnagar, Azamgarh, Bahraich, Balarampur, Ballia, Barabanki, Basti Bhadohi, Chandauli, Deoria, Faizabad, Ghazipur, Gonda, Gorakhpur, Hardoi, Jaunpur, Kabirnagar, Kushambi, Lakhimpur, Kheri, Lucknow, Mirzapur, Mau, Mahrajganj, Pratapgarh, Shravasti, Siddharth Nagar, Sitapur, Sonebhadra, Sultanpur, Varanasi Districts of Uttar Pradesh	STD (0532) 2250329, 2441491 Fax No.- 2644964
Sub-Circle Office				
03.	<b>Bhopal</b>	Dy. Chief Controller of Explosives, E-8/23, Basant Kunj, Arera Colony, Bhopal -462039	Madhya Pradesh	STD (0755) 2562039, 2565176 Fax No.- 2560815 Telegram: Explosives
Factory Attached Office				
04.	<b>Lalitpur</b>	Controller of Explosives, 193, Elait Chouraha, Lalitpur- Road, Lalitpur (U.P.)	Lalitpur, Datia, Shivpuri, Tikamgarh, Jhansi, Jalaum, Hamirpur & Mahoba Districts of Uttar Pradesh & Madhya Pradesh	STD (05176) 274592 Fax No.-274592
F. North Circle E-mail: <a href="mailto:jtccefaridabad@explosives.gov.in">jtccefaridabad@explosives.gov.in</a>				
01.	<b>Faridabad</b>	Jt. Chief Controller of Explosives, Hall No 502 & 507, Level-5, Block-B, Old CGO Complex, NH-4, Faridabad - 121001 (Haryana)	Delhi, Jammu & Kashmir, Himachal Pradesh, Haryana, Punjab & Rajasthan and Union Territory of Chandigarh	STD (0129) 2410730, 2410770, 2410732, 2410734 Fax No.- 2410733

<b>Sub-Circle Office</b>				
02.	<b>Chandigarh</b>	Dy. Chief Controller of Explosives, Shop cum office building, 1134/1135, Sector 22/B, Chandigarh - 160 002	Punjab, J & K Himachal Pradesh, Chandigarh	STD (0172) 2702586, 2727234 Fax No.- 2725839
<b>Sub-Circle Office</b>				
03..	<b>Jaipur</b>	Dy. Chief Controller of Explosives, Amrapali Road, Near Power House, Vaishali Nagar, Jaipur 302004 (Raj.)	Rajasthan	STD (0141) 2356731 Fax No.- 2350279
<b>G. Testing Station</b>				
01.	<b>Gondkhairy</b>	Dy. Chief Controller of Explosives, Departmental Testing Station, 18 K.M. Stone, Amravati Road, Post Gondkhairy, Via Wadi, District:Nagpur-440023(M.S)	-	STD (07104) 280374, 280305 Fax No.- 280565
<b>H. FRDC</b>				
01.	<b>Sivakasi</b>	Fireworks Research and Development Center Anaiyoor Village, Sivakasi West, District Virudhunagar -626124	-	STD ( 04562) 254402, 230453 Fax No.- 2510819
I.	Pay & Accounts Office			
01.	<b>Nagpur</b>	Pay & Accounts Officer, C.G.O. Complex, Block "C", 1 <sup>st</sup> Floor, Seminary Hills, Nagpur 440 006 (M.S.)	-	STD ( 0712) 2510819 Fax No.- 2510819

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

Name of Post	H.O.	T.S. Gondkhairy	Chennai	Kolkata	Faridabad	Agra	Mumbai	Sub- Circle Offices	Factory Attached Offices	Total
CCE	1	0	0	0	0	0	0	0	0	1
Jt. CCE	2	0	1	1	1	1	1	0	0	7
Dy. CCE	4	1	1	1	1	1	1	13	0	23
C.E.	6	2	5	4	3	3	5	13	5	46
Dy. C.E.	0	2	3	3	3	3	3	23	5	45
A.O.	1	0	0	0	0	0	0	0	0	1
Acc.Off.	1	0	0	0	0	0	0	0	0	1
S.P.A.	1	0	0	0	0	0	0	0	0	1
H.O.	1	0	0	0	0	0	0	0	0	1
S.T.A.	0	4	0	1	0	1	0	0	0	6
O.Supt.	4	0	3	3	3	3	3	0	0	19
Steno I	4	0	1	1	1	1	1	4	0	13
Lib.Asst.	1	0	0	0	0	0	0	0	0	1
Accont.	1	0	1	1	1	0	1	0	0	6
Asstt..	10	1	2	2	2	2	2	13	0	34
U.D.C.	15	1	9	10	4	5	9	18	1	72
L.D.C.	15	5	10	5	4	6	8	14	4	79
Steno-II	4	1	3	3	1	1	2	12	0	27
Steno-III	0	0	0	0	0	0	1	6	0	11
J.T.A.	1	6	0	0	0	0	1	0	1	9
J.H.T.	0	0	0	0	0	1	1	0	0	2
Driver	1	1	2	2	2	2	2	13	0	25
Group D	9	6	7	6	2	5	6	20	3	64
<b>Total</b>	<b>83</b>	<b>30</b>	<b>48</b>	<b>43</b>	<b>27</b>	<b>36</b>	<b>46</b>	<b>148</b>	<b>19</b>	<b>480</b>



**ANNEXURE-IV****PRODUCTION OF EXPLOSIVES DURING THE YEAR 2010-2011**

<b>Sr No.</b>	<b>Explosives</b>	<b>Class</b>	<b>Quantity Kgs/Mtrs/Nos.</b>
1	Gun Powder	1 Div. 0	6,88,583 Kgs.
2	Nitrate Mixture	2 Div.	18,35,33,712 Kgs.
3	SME	2 Div.	35,99,43,512 Kgs
4	PETN+Cast Booster	3 Div.2	35,73,818 Kgs.
5	Safety Fuse	6 Div. 1	7,70,68,03.5 Mtrs.
6	Detonator Fuse	6 Div. 2	28,46,73,074 Mtrs.
7	Detonator	6 Div. 3	72,42,50,160 Nos.

**IMPORT & EXPORT OF EXPLOSIVES**

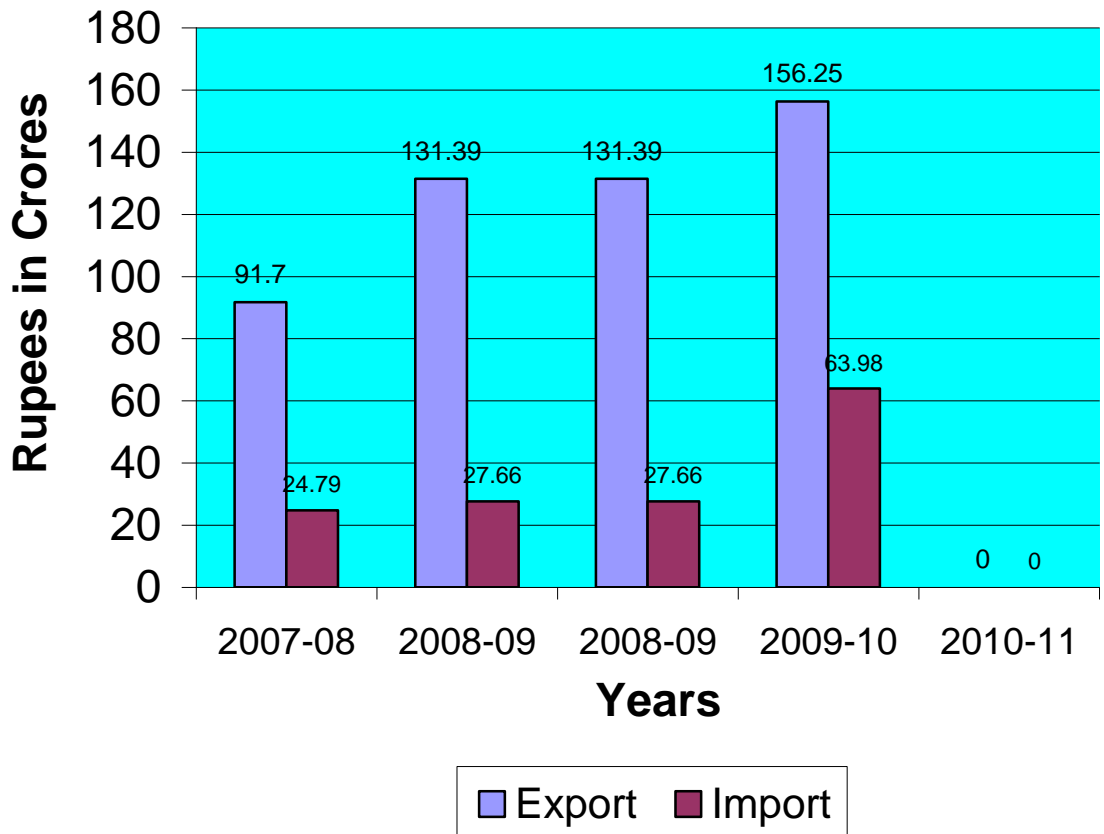
**IMPORT:**

During the year 2010-2011, 140 number of licenses were issued to importation of short delay detonators and specific type of explosives for use in exploration by Oil India Ltd., Cairn Energy India Ltd., BG Exploration & Production India Ltd., HLS Asia Ltd., Oil & Natural Gas Corporation Limited, Niko Resources Limited, Reliance Industries Limited, GeoEnpro Petroleum Limited, Great Eastern Energy Corporation Limited, Joshi Technologies International Inc., Schlumberger Asia Services Limited, Gujarat State Petroleum Corporation Limited, Electronics Corporation of India Limited, Indian Explosives Limited, Rajasthan Explosives & Chemicals Limited, Ideal Detonators Pvt. Ltd., Selan Exploration Technology Ltd., Focus Energy Ltd., Premier Explosives Ltd., OAO “Gasprom”, Premier Oil (North East India) BV, Essar Oil Ltd., and Marine Safety Products, A. S. Moloobhoy & Sons, SHM Shipcare for shipping signals (Pyrotechnics) and Srijan Systems Pvt. Ltd., for pyrotechnics scare cartridges (Anti Bird Devices) by use of Airports Authority of India and Air Force Stations. The value of explosives imported was Rs. 39.58 Crores.

**EXPORTS:**

During the year 2010-11, 311 nos. of licenses were granted for exportation of explosives and value of explosives exported was worth Rs. 182.22 Crores.

### Export & Import of Explosives During Last Five Years



**DESTRUCTION OF EXPLOSIVES DURING THE YEAR 2010-2011**

Class-1	1.686 Kgs.
Class-2	1860 Kgs.
Class-3 Dvi.2	152 Kgs.
Class 6 Div.1	475.4 Mtrs.
Class 6 Div.2	1070 Mtrs.
Class 6 Div.3	3663 Nos.
Class 7 Div.2	---
PETN	---

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

**GAS CYLINDER & VALVES :**

A Comparative statement of production of Cylinders, Valves & Regulators During 2008-2009, 2009-2010 & 2010-2011 is given below.

Sr. No.	Items Manufactured	Nos. Manufactured During		
		2008-09	2009-10	2010-11
01.	Welded load Carbon steel Gas Cylinders For			
	a. LPG	67,43,890	1,03,82,622	1,02,36,540
	b. Dissolved Acetylene Gas	8,222	9,490	7,330
	c. Other low pressure Liquefiable Gas	3,80,235	5,64,803	5,30,200
	<b>Total (a + b + c)</b>	<b>71,32,347</b>	<b>1,09,56,915</b>	<b>1,07,74,074</b>
02.	Welded Large Containers for low pressure Liquefiable Gas	11,938	50,291	<b>40,450</b>
03.	Seamless Steel Cylinders for Permanent & high pressure Liquefiable Gas	<b>5,81,171</b>	<b>8,59,233</b>	<b>10,11,958</b>
04.	Valve for :			
	a. LPG Cylinders	1,18,29,149	2,02,38,717	<b>1,70,15,200</b>
	b. Other Gas Cylinders.	27,88,326	34,08,842	20,12,210
	<b>Total (a + b)</b>	<b>1,46,17,475</b>	<b>2,36,47,559</b>	<b>1,90,27,410</b>
05.	Low Pressure LPG Regulators.	30,36,446	74,90,626	55,80,000

### **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 2010-11, 979 licenses were granted to cover importation of 55,557 cylinders filled with various gases/ gas mixtures & 2,08,721 numbers empty Cylinders for filling with compressed gases including empty CNG cylinders for automobiles use.

### **EXPORT OF CYLINDERS:**

A total of 7,85,916 number filled cylinders were exported during the year 2010-11 earning Foreign exchange of Rs. 2,29,03,17,124/-.

### **EXPORT OF VALVES & LPG REGULATORS :**

A total of 5,20,340 numbers of valves & 3,90,730 numbers of LPG Regulators were exported during the year 2010-2011 earning Foreign exchange of Rs. 3,90,80,225/- & Rs.4,60,85,700/- respectively.

### **EXPORT OF COMPRESSED GAS FILLED IN CYLINDERS:**

During the year 2235 empty cylinders/containers were imported & re- exported duly filled with gas, earning foreign exchange equivalent to approximately 15 Crores.

### **GAS FILLING PLANTS:**

There are 3847 gas filling plants licensed by this Organization in the country for filling of cylinders with various compressed gases as on 31.03.2011.

**ANNEXURE-VIII****LIST OF MANUFACTURERS OF VALVES**

(Approved Till 31.03.2010)

<b>Sr</b>	<b>Name and address of the Company</b>	<b>Gas Service</b>
1.	M/s. Vanaz Engineers Pvt. Ltd., Pune	O2,N2,Co2,Argon,CNG,
2.	M/s. L.P. Gas Equipment Pvt. Ltd.,Bharuch	LPG
3.	M/s. Kosan Industries Ltd., Surat	O2, N2, Co2, Argon,
4.	M/s. Prime Valves Industries Pvt. Ltd., Coimbatore	LPG
5.	M/s. Jagadamba Engg. Pvt. Ltd., Hyderabad	LPG
6.	M/s. Batra Associates Pvt. Ltd., Faridabad	LPG
7.	M/s. Batra Valves, Faridabad	O2,H2, DA, Argon, Air, Helium, N2, CNG, etc.,
8.	M/s. Bharat Valves, Faridabad.	H2, DA, Butadine, Air, Ethylene, Argon, Helium,O2,
9.	M/s. Kabsons Gas Equipments Pvt. Ltd., Hyderabad	LPG
10	M/s. Esab India Ltd., P-34, Kolkata	O2,N2, Co2, Argon, Helium
11	M/s. Karnataka Oxygen Ltd., Bangalore	Air, Argon, Helium N2,O2,
12	M/s. Precision Forgings, Allahabad	Air, Argon, Helium, O2, Neon, N2, etc.,
13	M/s. Tekno Valves, Kolkata	O2, N2, Air, Argon, Helium, Neon and CNG,
14	M/s. Power Fabricators., Satara	LPG
15	M/s. Ashkin Fabs., Hyderabad	LPG
16	M/s. Sri Balaji Valves, Chennai.	LPG
17	M/s. Indofab Engineers, Hyderabad	O2, N2, H2, Air, Argon, D.A.Ammonia, Chlnorine, Co2, etc.,
18	M/s. Trans Valves India Pvt. Ltd., Hyderabad.	LPG
19	M/s. Indian Steel and Allied Industries, Mumbai.	LPG
20	M/s. Hindustan Wires Ltd., Faridabad	LPG
21	M/s. Mauria Udyog Ltd., Faridabad	LPG
22	M/s. Vidarbha Gas Vessels Pvt.Ltd., Nagpur	LPG
23	M/s.Hyderabad Valves Pvt. Ltd., Hyderabad	LPG
24	M/s. Monak Industries, Mumbai	LPG
25	M/s. Prabha Electronics Ltd., Chandigarh	LPG
26	M/s. Intech Engg. And Services Pvt. Ltd., Chennai	LPG
27	M/s. Space Engineering, Chennai	LPG
28	M/s. Valve Techs Pvt. Ltd., Chittoor	O2,N2,Argon,Co2,Helium,
29	M/s. Maharaja Engg.Investment (Punjab) Ltd., Chandigarh	LPG
30	M/s. Intel Gas Gadgets Pvt. Ltd., Chandigarh	Permanent Gas(IS:3224)
31	M/s. Cylinvalve Industries, Solapur	Permanent Gas (IS:3224)
32	M/s. Arihant LPG Pvt. Ltd., Secunderabad	LPG
33	M/s. Orson Holdings Co. Ltd., Kolkata	LPG
34	M/s. Carbac Holdings Ltd., Koltaka	LPG
35	M/s. Standard Casting Pvt. Ltd., New Delhi	HALON – 1211
36	M/s. Akshay LPG Valves, Dist. Ranga Reddy	LPG
37	M/s. Him Valves and Regulators Pvt.td.,Dist.Una	LPG

38	M/s. Cylin Valves Industries, Solapur	LPG
39	M/s. Intel Gas Gadgets Pvt. Ltd., Chandigarh	LPG
40	M/s. Southern Metals and Alloys Pvt. Ltd., Mumbai	LPG
41	M/s. Krishna Die Casting, Panchkula,	LPG
42	M/s. Konark Cylinders and Containers P. Ltd. Bhubaneswara	LPG
43	M/s. Rajasthan Cylinders and Containers Pvt. Ltd. Jaipur	LPG
44	M/s. Max Valves and Regulators Pvt. Ltd., Panchkula	LPG
45	M/s. Indofab Engg., District Ranga Reddy	LPG
46	M/s. Vyasurpadi Valves, Chennai	LPG
47	M/s. Chennai Valves, Chennai	LPG
48	M/s. Ezhihl Jothi Safey Enterprises, Chennai.	LPG
49	M/s.MEM Industries Pvt. Ltd., Chennai	LPG
50	M/s. Precision Component, New Delhi	LPG
51	M/s. SKN Industries Ltd., Faridabad.	LPG
52	M/s. K.S. Tecknosafe Pvt. Ltd., Kankpur	LPG
53	M/s. Faradaya Engg. Industries Pvt. Ltd., Chandigarh.	LPG
54	M/s. Neema Forge Press Pvt. Ltd., Nagpur	LPG
55	M/s. Madras Metal Components Pvt. Ltd., Chennai	LPG
56	M/s. Neco Schubert and Salzer Ltd., Nagpur.	LPG
57	M/s. Jagadamba Engg. Pvt. Ltd., Hyderabad	Co2 and O2
58	M/s. Delhi LPG Industries, Delhi	LPG
59	M/s. Salico Trading Corporation, Dist. Solan (HP)	LPG
60	M/s. Elite Valves, Gummidipoondi	LPG
61	M/s. Mega Metrics, Panchkula,	LPG 22mm and 25.6 mm
62	M/s. Koodalingam Valves Pvt. Ltd., Renigunta	LPG
63	M/s. MSB Industries, Chennai	LPG
64	M/s. AKMN Cylinders Pvt. Ltd., Musiri Tiruchirupalli	LPG
65	M/s. R. P. Gas Equipment, Kanpur-	LPG
66	M/s. Krishan Valves and Regulators, Chandigarh.	LPG
67	M/s. Radha Valves, Chandigarh	LPG
68	M/s. Mardia Industrial Corporation, Chennai.	LPG
69	M/s. Purshottam Valves Industries, Kanpur.	LPG
70	M/s. Pankaj Gas Cylinders Ltd., Dist. Ghaziabad	LPG
71	M/s. Sri Balaji Cylinders Pvt. Ltd., Chennai.	LPG
72	M/s. Srinivas Cylinders Pvt. Ltd., Chennai	LPG
73	M/s. Verny Valves Pvt. Ltd., R. R. Dist. (AP)	LPG
74	M/s. Kuldeep Engg. Works,Mumbai	Co2
75	M/s. Jai Gopal Engg. Works Pvt. Ltd., Delhi	Co2, O2, H2
76	M/s. Trans Valves India Pvt. Ltd., Hyderabad	Multi Function valves
77	M/s. Vanaz Engineers Ltd., Pune	Mult Function valves
78	M/s. Kosan Industries Pvt. Ltd.,Surat	CNG



**LIST OF MANUFACTURERS OF LPG CYLINDERS**

(Approved during 01.04.2010 to 31.03.2011)

<b>Sr. No.</b>	<b>Name and address of the Company</b>
1.	M/s. Nandi Cylinders Private Limited, Plot Nos. 52 and 53, Naubad Industrial Area, <b><u>BIDDAR</u></b> – 585 401 (Karnataka)
2.	M/s. Confidence Petroleum India Limited, Bannakhera, Bailpadav Road, Village Vikrampur, Bazpur, Distt. Udham Singh Nagar (Uttarakhand).
3.	M/s. Tirupati Containers Private Limited, 188, Loha Mandi, GHAZIABAD
4.	M/s. Confidence Petroleum India Limited (Unit II) Village Paud, Via Rasayani, Post Mazgaon, Taluka Khalapur, Dist. Raigad (M.S.)
5.	M/s Sri Sai Balaji Gas Cylinders Pvt. Ltd., 30/21, Dev Apartments, 1 st Main Road, Gandhi Nagar, Adyar, <b><u>CHENNAI</u></b> – 20
6.	M/s Daya Industries, S.C.F. 28, Sector – 22 D, <b><u>CHANDIGARH</u></b>
7.	M/s. Shri Ram Cylinders, (Unit II) Plot No. 10 M.W., Industrial Area, Phase-1, <b><u>CHANDIGARH – 160 002.</u></b>
8.	M/s. Saboo Cylinders (P) Ltd., 505-506, Sahyog Building, 58 Nehru Place, <b><u>NEW DELHI</u></b> – 110 019
9.	M/s. Intel Gas Gadgets Pvt. Ltd., Village Haripur Hinduan, Derabassi (Punjab)
10.	M/s. Gopal Cylinders, Unit III, Hill Top Industrial Estate, Near Export Zone, Jharmajri, Baddi, Distt. Solan (H.P.)

## LIST OF MANUFACTURERS OF CYLINDERS OTHER THAN LPG CYLINDERS

(Approved during 01.04.2010 to 31.03.2011)

Sr. No.	Name and address of the Company
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## LIST OF MANUFACTURERS OF LPG REGULATORS

(Approved during 01.04.2010 to 31.03.2011)

Sr. No.	Name and address of the Company
1.	M/s. Gurdial Singh & Sons, B-1/158, Farmer Apartment, Plot No. 8, Sector-13, Rohini, <b>DELHI</b> – 110 085
2.	M/s. Hi Tech Gas Equipments Co. Pvt. Ltd., 8-B, Shahpeer Gate, <b>MEERUT – (U.P.)</b>
3.	M/s. SK LPG APPLIANCES, K-156, Sector-2, Bawana, D.S.I.D.C. Industrial Estate, <b>DELHI</b> – 110 039
4.	M/s. Gopal Cylinders, Hill Top Industrial Estate, Near Export Zone, Jharmajri, Baddi, Dist. Solan (HP)
5.	M/s Daya Industries, S.C.F. 28, Sector – 22 D, <b>CHANDIGARH</b>
6.	M/s. B-Max Products, B-72/12, Gali No.6, Sahibabad, Rajender Nagar Industrial Area, <b>GHAZIABAD</b>

## LIST OF MANUFACTURERS OF MULTI FUNCTION VALVE

(Approved during 01.04.2010 to 31.03.2011)

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

**LIST OF MANUFACTURERS OF AUTO LPG CONTAINERS**

(Approved during 01.04.2010 to 31.03.2011)

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

**LIST OF MANUFACTURERS OF VALVE**

(Approved during 01.04.2010 to 31.03.2011)

1. M/s Astron Valvetech Pvt. Ltd (Unit II),  
Shed No. 681/682, Gat No. 540,  
Kasaramboli, Taluka Mulshi,  
District Pune – 412 108
2. M/s. Gopal Cylinders, Unit III,  
Hill Top Industrial Estate,  
Near Export Zone, Jharmajri, Baddi,  
Distt. Solan (H.P.)
3. M/s. N.K. Auto Electricals India (P) Ltd.,  
Plot No. 21, Sector 4,  
**FARIDABAD** – 121 004 (Haryana)
4. M/s Trans Valves (India) Private Limited,  
**Plot No. 5, Sector 9, IIE Pant Nagar,  
Udhamsingh Nagar, (Utrakhand).**
5. M/s U.P. Telelinks Limited,  
**Unit 2, Plot No. 37, 38 & 39, Sector 3,  
Integrated Industrial Estate, SIDCUL, Rudrapur,  
Pant Nagar, U.S. Nagar (Utrakhand).**

**LIST OF INSPECTORS AND COMPETENT PERSONS  
RECOGNISED UNDER SMPV(U), 1981  
DURING 01.04.2010 TO 31.03.2011**

Sr. No.	File No.	Recognition Date	Name of Party	Inspector	Competent Person under Rules
1	PV(R)530	04/10/2010	M/s IOCL, Panipat Refinery		18 & 19
2	PV(R)538	07/03/2011	M/s Industrial Safety & Development Counsel, Kolkata		18,19,33,43 & 44(2)

**LIST OF APPROVED PRESSURE VESSEL FABRICATOR**

(Approved during 01.04.2010 to 31.03.2011)

Sr. No.	Name and address of the Company
1.	M/s Raghavendra Pressure Vessels P Ltd, Chennai
2	M/s Sudhir Brothers, Goregaon, Mumbai
3	M/s Praj Industries Ltd, Pune
4	M/s Optech Enginers P. Ltd Mumbai
5	M/s Lotees Engineers Pune
6	M/s New Field Industrial Equipment P. Ltd Vadodara
7	M/s BNH Gas Tanks Dopoli, Pune

**LIST OF APPROVED PORTABLE MAGAZINE**

(Approved during 01.04.2010 to 31.03.2011)

Sr. No.	Name and address of the Company
1.	M/s Sanjay Commercial Forestgate, Narangi Guwahati – 781026
2	M/s Gunwant Engineering Nagpur

**ANNEXURE – XII****DETAILS OF SMS (CLASS 2) MANUFACTURERS  
DURING THE YEAR 2010-2011****LIST OF SMS (CLASS 2) MANUFACTURERS**

S. N.	Name of Company	Licence No	Situated At	CLASS-2 TONNES
1	<b>AKS Expo-Chem Pvt. Ltd.</b>	E/HQ/WB/SM/6(E52214)	Dujuri (v), Distt. Bankura	<b>7866</b>
2	<b>AMA Industries Pvt. Ltd.</b>	E/HQ/MH/SM/11(E52085)	Dhaga (V), Distt.Nagpur	<b>38886</b>
3	<b>Aravali Explosives &amp; Chemicals</b>	E-25(33)1233/SMS	Raghu Talegaon, Distt. Wardha	<b>1500</b>
4	<b>Bharat Explosives Ltd.</b>	E/HQ/MP/SM/17(E52205)	Waidhan, Sidhi	<b>8750</b>
5	<b>Bharat Explosives Ltd.</b>	E/HQ/MP/SM/18(E52200)	Waidhan, Sidhi	<b>20000</b>
6	<b>Black Diamond Expl. Pvt.Ltd.</b>	E/HQ/WB/SM/2(E51723)	Napara(V) Burdwan (WB)	<b>40000</b>
7	<b>Blastec (India) Pvt.Ltd.</b>	E/HQ/CG/SM/4(E51168)	Durramudu (V), Raigad	<b>17700</b>
8	<b>Blastec (India) Pvt.Ltd.</b>	E-25(33)1062/SMS	Jhamarkotra Mines, Udaipur (Raj.)	<b>1200</b>
9	<b>Blastec (India) Pvt.Ltd.</b>	E/HQ/MP/SM/4(E51201)	Waidhan, Sidhi	<b>18000</b>
10	<b>Blastec (India) Pvt.Ltd.</b>	E/HQ/CG/SM/16(E52069)	Ratija(V), Distt. Korba	<b>4000</b>
11	<b>Emul Tek Pvt. Ltd.</b>	E/HQ/MP/SM/3(E51227)	Waidhan, Sidhi	<b>25000</b>
12	<b>Gajraj Chemicals</b>	E/HQ/MP/SM/19(E52036)	Singrauli, Sidhi	<b>24000</b>
13	<b>Grasim Industries Ltd.</b>	E/HQ/RJ/SM/4(E52324)	Nayakhera(v), Dist. Chittorgarh	<b>500</b>
14	<b>Gulf Oil Corporation Ltd.</b>	E/HQ/OR/SM/1(E51495)	Talchar, Angul	<b>4000</b>
15	<b>Gulf Oil Corporation Ltd.</b>	E/HQ/AP/SM/2(E51453)	Godavarikhani,Pannur,Karimnagar	<b>20000</b>
16	<b>Gulf Oil Corporation Ltd.</b>	E/HQ/RJ/SM/1(E51506)	Jhamarkotra, Udaipur	<b>5000</b>
17	<b>Gulf Oil Corporation Ltd.</b>	E/HQ/JH/SM/3(E51519)	Rajarappa, Hazaribagh	<b>5000</b>
18	<b>Gulf Oil Corporation Ltd.</b>	E/HQ/MP/SM/8(E51531)	Nigahi Singrauli, Sidhi	<b>24000</b>
19	<b>Gulf Oil Corporation Ltd.</b>	E/HQ/JH/SM/4(E51515)	Dhansar	<b>8750</b>
20	<b>Gulf Oil Corporation Ltd.</b>	E/HQ/JH/SM/1(E51484)	Rajmahal OCP, Dist. Godda	<b>1875</b>
21	<b>Gulf Oil Corporation Ltd.</b>	E/HQ/MH/SM/8(E51859)	Chichala, Distt. Chandrapur	<b>4500</b>
22	<b>Gulf Oil Corporation Ltd.</b>	E/HQ/CG/SM/5(E51483)	Bishrampur, Distt. Sarguja	<b>2000</b>
23	<b>Gulf Oil Corporation Ltd.</b>	E/HQ/CG/SM/7(E51474)	Hardi Bazaar, Distt. Korba	<b>5000</b>
24	<b>Gulf Oil Corporation Ltd.</b>	E/HQ/OR/SM/8(E51539)	Sonaparbat(v), Distt. Sundargarh	<b>11250</b>
25	<b>Gulf Oil Corporation Ltd.</b>	E/HQ/OR/SM/4(E51630)	Jalahuri(v), Barbil, Distt. Keonjhar	<b>3000</b>
26	<b>Gulf Oil Corporation Ltd.</b>	E/HQ/JH/SM/6(E51452)	Korta (v), Noamundi, Distt. Singhbhum	<b>1500</b>
27	<b>Indian Oil Corp. Ltd.(IBP Divn.)</b>	E/HQ/OR/SM/3(E51529)	Talchar, Angul	<b>3600</b>
28	<b>Indian Oil Corp. Ltd.(IBP Divn.)</b>	E/HQ/CG/SM/6(E51442)	Khamaria, Bilaspur	<b>14375</b>
29	<b>IBP</b>	E/HQ/JH/SM/2(E51407)	Kathara, Bokaro	<b>2000</b>
30	<b>Indian Oil Corp. Ltd.(IBP Divn.)</b>	E/HQ/RJ/SM/3(E52056)	Rampura Agucha, Bhilwara	<b>3500</b>
31	<b>Indian Oil Corp. Ltd.(IBP Divn.)</b>	E/HQ/JH/SM/13(E51899)	Nadkhurki (v), Dhanbad	<b>16050</b>
32	<b>Indian Oil Corp. Ltd.(IBP Divn.)</b>	E/HQ/JH/SM/15(E52132)	Rajmahal Godda (Bihar)	<b>3000</b>
33	<b>Indian Oil Corp. Ltd.(IBP Divn.)</b>	E/HQ/MP/SM/9(E51370)	Singrauli, Sidhi	<b>30000</b>
34	<b>Indian Oil Corp. Ltd.(IBP Divn.)</b>	E/HQ/MP/SM/7(E51429)	Malanjhand(V), Distt. Balaghat	<b>3000</b>
35	<b>Indian Oil Corp. Ltd.(IBP Divn.)</b>	E/HQ/OR/SM/13(E51352)	Balagoda (V), Distt. Keonjhar	<b>1000</b>
36	<b>Indian Oil Corp. Ltd.(IBP Divn.)</b>	E/HQ/WB/SM/1(E51341)	Bilparhari(v), Dist. Burdwan	<b>1750</b>
37	<b>IDEAL Indl. Exploisves Ltd.</b>	E/HQ/AP/SM/10(E52015)	Chityal, Nalgonda	<b>24000</b>
38	<b>IDEAL Indl. Exploisves Ltd.</b>	E/HQ/MH/SM/10(E52005)	Chandrapur	<b>4000</b>

39	<b>IDEAL Indl. Explosives Ltd.</b>	E/HQ/MP/SM/20(E52156)	Waidhan, Sidhi	<b>27500</b>
40	<b>IDEAL Indl. Explosives Ltd.</b>	E/HQ/CG/SM/14(E52012)	Hardibazar(v), Distt. Korba	<b>15000</b>
41	<b>IDEAL Indl. Explosives Ltd.</b>	E/HQ/OR/SM/9(E52010)	Katarbaga(v), Distt. Sambalpur	<b>15000</b>
42	<b>Indian Explosives Ltd.</b>	E/HQ/OR/SM/6(E51681)	IB Valley, Jharsuguda	<b>4650</b>
43	<b>Indian Explosives Ltd.</b>	E/HQ/WB/SM/3(E51690)	Sonepur, Distt. Burdwan	<b>5500</b>
44	<b>Indian Explosives Ltd.</b>	E/HQ/CG/SM/10(E51667)	Korba, Bilaspur	<b>13660</b>
45	<b>Indian Explosives Ltd.</b>	E/HQ/MH/SM/7(E51645)	Chandrapur	<b>10000</b>
46	<b>Indian Explosives Ltd.</b>	E/HQ/OR/SM/7(E51654)	Talchar, Angul	<b>8961</b>
47	<b>Indian Explosives Ltd.</b>	E/HQ/MP/SM/13(E51863)	Itwa (v), Dist. Singrauli	<b>25000</b>
48	<b>Indian Explosives Ltd.</b>	E/HQ/JH/SM/9(E51732)	Dakra, Dist. Ranchi	<b>8292</b>
49	<b>Indian Explosives Ltd.</b>	E/HQ/AP/SM/5(E51637)	Musthyala, Karimnagar	<b>6000</b>
50	<b>Indian Explosives Ltd.</b>	E/HQ/AP/SM/7(E51850)	Samithisingaram(V), Kammam	<b>1000</b>
51	<b>Indian Explosives Ltd.</b>	E/HQ/JH/SM/8(E51664)	Mukunda, Distt. Dhanbad	<b>7000</b>
52	<b>Indian Explosives Ltd.</b>	E/HQ/JH/SM/12(E51643)	Gomia, Distt. Bokaro	<b>2200</b>
53	<b>Indian Explosives Ltd.</b>	E/HQ/WB/SM/4(E51951)	Churulia (V), Distt. Burdwan	<b>3000</b>
54	<b>Indian Explosives Ltd.</b>	E/HQ/CG/SM/13(E51994)	Kirandul (V), Distt. Dantewara	<b>1500</b>
55	<b>Indian Explosives Ltd.</b>	E/HQ/CG/SM/11(E51884)	Libra (V), Distt. Raigarh	<b>8500</b>
56	<b>Indian Explosives Ltd.</b>	E/HQ/JH/SM/11(E51651)	Barughutu, Dist. Ramgarh	<b>7500</b>
57	<b>Keltech Energies Ltd.</b>	E/HQ/MH/SM/4(E51258)	Chandrapur	<b>9000</b>
58	<b>Keltech Energies Ltd.</b>	E/HQ/MP/SM/5(E51288)	Jamudi, Shahdol (MP)	<b>10000</b>
59	<b>Keltech Energies Ltd.</b>	E/HQ/MP/SM/2(E51247)	Waidhan, Sidhi	<b>20000</b>
60	<b>Keltech Energies Ltd.</b>	E/HQ/KA/SM/1(E51236)	Varanga, Distt. Udupi	<b>2200</b>
61	<b>Keltech Energies Ltd.</b>	E/HQ/AP/SM/9(E52017)	Manuguru, Khammam	<b>6000</b>
62	<b>Keltech Energies Ltd.</b>	E/HQ/CG/SM/1(E51222)	Hardi Bazar, Korba	<b>5000</b>
63	<b>Keltech Energies Ltd.</b>	E/HQ/AP/SM/3(E51672)	Musthyala, Karimnagar	<b>5000</b>
64	<b>Keltech Energies Ltd.</b>	E/HQ/CG/SM/2(E51213)	Bacheli, Distt. Dantewada	<b>5000</b>
65	<b>Kesoram Cement</b>	E/HQ/AP/SM/14(E52320)	Basantnagar(v), Distt. Karimnagar	<b>500</b>
66	<b>NALCO</b>	E/HQ/OR/SM/12(E52384)	Damanjodi, Karuput	<b>600</b>
67	<b>Navbharat Explosives Pvt. Ltd.</b>	E/HQ/CG/SM/12(E51963)	Gopalpur, Raipur	<b>8000</b>
68	<b>Navbharat Explosives Pvt. Ltd.</b>	E/HQ/CG/SM/15(E51978)	Hardi Bazar, Korba	<b>5000</b>
69	<b>Navbharat Explosives Pvt. Ltd.</b>	E/HQ/MP/SM/14(E51970)	Deohra, Distt. Shehdol (MP)	<b>5000</b>
70	<b>Navbharat Fuse Pvt. Ltd.</b>	E/HQ/MP/SM/16(E52174)	Waidhan, Sidhi	<b>30000</b>
71	<b>Navbharat Fuse Pvt. Ltd.</b>	E/HQ/CG/SM/21(E52370)	Urla (V), Raipur	<b>3000</b>
72	<b>Navbharat Fuse Pvt. Ltd.</b>	E/HQ/CG/SM/17(E52165)	Akash Nagar (V), Distt. Dantewada	<b>5000</b>
73	<b>Navbharat Fuse Pvt. Ltd.</b>	E/HQ/OR/SM/10(E52163)	Talchar, Angul	<b>6000</b>
74	<b>Orient Expl. Pvt. Ltd.</b>	E/HQ/MH/SM/2(E51164)	Bazargaon, Distt. Nagpur	<b>22500</b>
75	<b>Orient Expl. Pvt. Ltd.</b>	E/HQ/MP/SM/1(E51361)	Waidhan, Sidhi	<b>18000</b>
76	<b>Orissa Expl. Pvt. Ltd.</b>	E/HQ/OR/SM/11(E52256)	Singhori, Sundargarh	<b>6000</b>
77	<b>Prasad Explosives Pvt. Ltd.</b>	E/HQ/JH/SM/14(E52046)	Pendra (V), Distt. Ranchi	<b>22680</b>
78	<b>Premier Explosives Ltd.</b>	E/HQ/MP/SM/10(E51578)	Waidhan, Sidhi	<b>10000</b>
79	<b>Premier Explosives Ltd.</b>	E/HQ/AP/SM/8(E51808)	Manuguru, Khammam	<b>9000</b>
80	<b>Premier Explosives Ltd.</b>	E/HQ/MH/SM/9(E51976)	Chandrapur	<b>3000</b>
81	<b>Premier Explosives Ltd.</b>	E/HQ/TN/SM/4(E51573)	Keelpathi (v), Dist. Cuddalore	<b>3000</b>
82	<b>Premier Explosives Ltd.</b>	E/HQ/AP/SM/6(E51781)	Musthyala, Karimnagar	<b>3000</b>
83	<b>Rajasthan Expl. &amp; Chemical Ltd</b>	E/HQ/MP/SM/6(E51172)	Waidhan, Sidhi	<b>25000</b>
84	<b>Salvo Explosives &amp; Chemicals Pvt. Ltd.</b>	E/HQ/AP/SM/11(E52040)	Ankireddy Palli(v), Renga Reddy	<b>13200</b>

	<b>Shree Cement Ltd.</b>	E-25(33)1296/ANFO/1	Rs (v), Dist. Pali (Raj)	<b>2400</b>
85	<b>Solar Industries India Ltd.</b>	E/HQ/MP/SM/11(E51559)	Waidhan, Sidhi	<b>7200</b>
86	<b>Solar Industries India Ltd.</b>	E/HQ/MH/SM/6(E51616)	Rajura, Chandrapur	<b>25000</b>
87	<b>Solar Industries India Ltd.</b>	E/HQ/CG/SM/20(E51589)	Mudapar(V), Distt. Korba	<b>20000</b>
88	<b>Solar Industries India Ltd.</b>	E/HQ/OR/SM/2(E51538)	Jharsuguda(V), Distt. Jharsuguda	<b>12000</b>
89	<b>Solar Industries India Ltd.</b>	E/HQ/JH/SM/5(E51553)	Manua (V), Distt. Hazaribagh	<b>24420</b>
90	<b>Solar Industries India Ltd.</b>	E/HQ/AP/SM/4(E51561)	Musthyala, Karimnagar	<b>19000</b>
91	<b>Solar Industries India Ltd.</b>	E/HQ/MH/SM/5(E51569)	Tadali (V), Distt. Chandrapur	<b>2190</b>
92	<b>Solar Industries India Ltd.</b>	E/HQ/JH/SM/7(E51543)	Dhanbad(V), Distt. Dhanbad	<b>10000</b>
93	<b>Solar Industries India Ltd.</b>	E/HQ/WB/SM/5(E51694)	Asansol (V), Distt. Burdwan	<b>8340</b>
94	<b>Solar Industries India Ltd.</b>	E/HQ/OR/SM/5(E51535)	Ghontapada(v), Dist. Angul	<b>10000</b>
95	<b>Solar Industries India Ltd.</b>	E/HQ/RJ/SM/2(E51619)	Rupahli(v), Distt. Bhilwara	<b>21120</b>
96	<b>Solar Industries India Ltd.</b>	E/HQ/CG/SM/8(E51596)	Chainpur(v), Distt. Korba	<b>3000</b>
97	<b>Solar Industries India Ltd.</b>	E/HQ/JH/SM/10(E51537)	Barughuttu(v), Dist. Ramgarh	<b>10000</b>
98	<b>Solar Explosives Ltd. Nagpur</b>	E/HQ/MP/SM/12(E51986)	Ganiyari (v), Dist. Singrauli	<b>2160</b>
99	<b>Special Blasts Ltd.</b>	E/HQ/CG/SM/3(E51448)	Pirda, Distt. Durg	<b>17400</b>
100	<b>Special Blasts Ltd.</b>	E/HQ/MP/SM/15(E51940)	Waidhan, Sidhi	<b>23400</b>
101	<b>Special Blasts Ltd.</b>	E/HQ/CG/SM/19(E51336)	Gevra/Hardi Bazar, Korba	<b>10000</b>
102	<b>Sri Krishna Explosives &amp; Accessproes Co.</b>	E/HQ/CG/SM/9(E51706)	Saraisingar(v), Distt. Korba	<b>17100</b>
103	<b>Sua Expl. &amp; Accessories P.Ltd.</b>	E/HQ/MH/SM/3(E51198)	Kelzar, Distt. Wardha	<b>9000</b>
104	<b>Sua Expl. &amp; Accessories P.Ltd.</b>	E/HQ/TN/SM/3(E51207)	Chennthur(V), Krishnagiri	<b>10000</b>
105	<b>Tamil Nadu Industrial Expl.Ltd</b>	E/HQ/TN/SM/2(E51218)	Vandhanthalgal, Vellore	<b>1500</b>
106	<b>Techno Blast India Pvt. Ltd.</b>	E/HQ/MH/SM/1(E50722)	Chichala, Chandrapur	<b>15000</b>
107	<b>The Singareni Collieries Co. Ltd.</b>	E/HQ/AP/SM/12(E52147)	Jalapalli(v), Dist. Karimnagar	<b>10000</b>
108	<b>The Singareni Collieries Co. Ltd.</b>	E/HQ/AP/SM/13(E52144)	Manuguru (V), Khammam	<b>5000</b>
109	<b>Vetrivel Explosives Pvt. Ltd.</b>	E/HQ/TN/SM/1(E51215)	T.Murugapatty(V) Trichy	<b>6000</b>
110	<b>Regenesi Industries Pvt. Ltd.</b>	E/HQ/AP/SM/1(E51313)	Bommalararam(V) Nalgonda	<b>20000</b>
				<b>1161725</b>

**TESTING OF PETROLEUM VESSELS IN 2010-2011**

The Officers of the Organization issued **4262** gas free certificates during the year 2010-2011 after testing oil tanks pump rooms etc. of petroleum tankers/vessels at Mumbai, Alang (Gujarat), Kolkata, Visakhapatnam, Mangalore, Chennai and Cochin ports.

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. This has helped the ship breaking industry to grow and develop as the second largest such industry in the world.

**COURT ATTENDANCE:**

During the year 2010-11, officers of the Organization attended law courts on **52** 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 REFINERY FOR THE PERIOD OF 01.04.2010 to 31.03.2011**

Sl. No.	Name of Refinery	Crude Oil Processed	Installed capacity	LPG Produced	LPG Marketed	No. of Accident	EXPORT	
							Quantity (in MMT)	Value (in Crores)
		MMT	MMT	MMT	MMT			
1.	IOCL, Digboi	0.651006	0.650000	0.008986	0.008986	Nil	Nil	Nil
2.	IOCL, Panipat	1.365871	1.500000	0.584522	Nil	Nil	Nil	Nil
3.	IOCL, Guwahati	1.117540	1.000000	0.048531	0.048015	1	Nil	Nil
4.	IOCL, Barauni	6.207406	6.000000	0.3404681	0.3387801	1	0.94923145	3516.362
5.	IOCL, Haldia	6.878000	7.500000	0.181611	0.182065	Nil	0.488942	1189.53
6.	IOCL, Vadodara	13.561068	13.700000	0.420536	0.420616	Nil	1.073486	3700.58
7.	M/s. IOCL, Mathura	8.880000	8.000000	0.303940	0.304825	1	Nil	Nil
8.	IOCL, Bongaigaon	2.008295	2.350000	0.044653	0.044653	Nil	0.135939	535
9.	HPCL, Mumbai	6.554	6.500	0.2538	0.2234	Nil	0.41124	1395.38
10.	HPCL, Visakh	8.1996	8.300	0.2812	0.2795	2	0.797724	2396.55
11.	BPCL, Mumbai	13.020000	12.000000	0.512	0.512	Nil	1.83	6232
12.	Essar Oil Ltd.	14.755609	10.500000	0.601227	0.595928	Nil	13.990	Nil
13.	BPCL Kochi Refinery	8.698313	9.500000	0.469665	0.466022	Nil	0.722414	2059.58
14.	CPCLtd., Cauvery Basin Refinery	0.00070330	1.000000	0.022763	0.022924	Nil	0.034692	103.3
15.	<b>Chennai Refinery</b>	10.044560	10.500000	0.365669	0.364820	8 (2+6)	1.154333	3105.4
16.	Numaligarh Refinery Ltd., Assam	2.250225	3.000000	0.041887	0.042342	Nil	Nil	Nil
17.	RIL Jamnagar SEZ Refinery Division	35.573	33.24	2.064	2.064	Nil	29.849	101503
18.	DTA Refinery Division	31.047	37.82	0.607	0.607	Nil	13.204	41.972
19.	MRPLtd.	12.639	11.82	0.300	0.298	Nil	4.315	Nil
20.	Bharat Oman Refinery	-	-	-	-	-	-	-
	<b>Total</b>	<b>183.451</b>	<b>184.88</b>	<b>7.452</b>	<b>7.163</b>	<b>13</b>	<b>68.956</b>	<b>125778.654</b>

Total installed capacity = 184.88 MMT

Total LPG produced = 7.452 MMT

Total Crude oil processed = 183.451 MMT

Total LPG marketed = 7.163 MMT