



CONSULTANTS

EXPLOSIVE CONSULTANTS & SOLVENT CONSULTANTS

220, Panchratna Building, 2nd Floor, Char Rasta, G.I.D.C., Vapi - 396 195, Dist. Valsad (Gujarat)
Tel. : S.T.D. (0260) (O) 2422520, (R) 2424410, (M) 98252 75080 / 94277 06485

An Overview on Regulations for Petroleum Storage

This aspect is covered under the petroleum act, 1934 and Petroleum Rules 1976/2002 framed under the act. To ensure safety and prevent accidents.

The salient features are as under ;

1. Petroleum act 1934 - An act to consolidate and amend the law relating to import / transport / storage / production / refining and blending of petroleum.

Section 2 - Definitions

(a) 'Petroleum' means - any liquid hydrocarbon or mixture of Hydrocarbons and any inflammable mixture (liquid, viscous or solid) containing any liquid hydrocarbon.
Note : Liquid hydrocarbons also include acetone, ethanol, Methanol, mek, as per section 2 & 3 of inflammable substances Act, 1952.

Classification on the basis of 'flash point'.

(b) Petroleum class a - Petroleum having flash point below 23 degree centigrade (example - petrol, hexane, toluene, naphtha)

(c) Petroleum class b - Petroleum having flash point of 23 degree centigrade and above but below 65 degree centigrade (viz HSD, SKO, MTO etc.)

(d) Petroleum class c - Petroleum having flash point of 65 degree centigrade and above, but below 93 degree centigrade (viz. Furnace Oil and LDO etc.)

Excluded Petroleum - Petroleum having flash point of 93 degree centigrade and above (viz. Lubricants, LSHS etc.)

No Licence is necessary vide section 11 of Petroleum act, 1934.

(e) Flash Point of any petroleum means lowest temp. at which it, yields a vapor which will give a momentary flash when ignited, determined in accordance to chapter 11 and rules made There under

Section 4 - Central Government may make rules for import, storage, transport etc. of petroleum prescribing various forms and conditions of Licence.

Section 5 - Central Government may make rules to regulate Production, Refining and Blending or Petroleum.

Section 7 - No Licence needed for transport or storage of -

- 1) Petroleum Class B (in non bulk) in quantity not exceeding 2500 liters at any one place and in a receptacle not exceeding 1000 liters.
- 2) Petroleum Class C (in bulk) in quantity not exceeding 45 KL at any one place.

Section 8 - No Licence needed for import/transport or storage of petroleum class A not intended for 'sale', if the quantity in possession of a person does not exceed 30 liters). However, such quantity of petroleum class A not requiring licence shall be kept in a securely stoppered receptacles of glass or stone ware (of capacity not exceeding 1 liter) or receptacle of metal (capacity not exceeding 25 liter).

Section 10 - No licence needed by railway administration acting as carrier for import or transport of petroleum.

EXPLOSIVE LICENCE

WE ASSIST FOR :

- A) Preparation of Drawing as per Explosive Rules for approval.
- B) Approval of Drawing from Explosive Department.
- C) NOC From District Collector / Police commissioner.
- D) Safety and test Certificates in Form No. 126 & 130 by Competent Person recognised by Chief Controller of Explosive Nagpur.
- E) Licence from Explosive Department.
- F) Addition & Alteration in Licence.
- G) Amendment in Explosive Licence.
- H) Renewals of Explosive Licence.

Email :- aoneconsultant@yahoo.com

Web :- www.aoneconsultant.com

WE ARE PROVIDING THE LIASON SERVICES FOR ACQUIRING EXPLOSIVE LICENCE FOR ALL INDIA BASIS

CHARTERED ENGINEERS

Er. D. K. Khubchandani
B.E.(Civil), M.I.E. (INDIA), C.E.,F.I.V.,
L.M.I.I.Ch.E., F.I.I.P.E., F.I.P.H.E.,M.I.R.C.,
M.I.B.C., LM.I.W.R., F.A.C.C.E.(I), L.M.I.S.N.T.,
L.M.G.I.C.E.A., GOVERNMENT REGISTERED
INDUSTRIAL CONSULTANTS

APPROVED VALUERS

We are working as Approved Valuers under category - I - Immovable property (other than Agricultural Lands, Plantations, Forests, Mines & Quarries) but including Foundations, Soil, Machines, Structural Engineering, Public Health Engineering and Water Technology.

Er. Devidas Kishinchand
B.E. (Civil), M.I.E. (India), Chartered Engineer
Competent Person under GFR - 1995.

STABILITY CERTIFICATE FOR FACTORY BUILDINGS

Er. Devidas Kishinchand B.E. (Civil), M.I.E. (India),

APPOINTED AS A "COMPETENT PERSON"

We are authorised as a Competent Person to provide the Stability Certificate for Factory Building in Gujarat, Maharashtra, Daman & Silvassa

WE ARE PROVIDING THE LIASON SERVICES FOR ACQUIRING

ANY TYPE OF LICENCES, QUOTA AND CERTIFICATION RELATED WITH INDUSTRY

RENEWAL OF EXPLOSIVE LICENCE

CONTACT FOR ACQUIRING RENEWAL OF

- (1) EXPLOSIVE LICENCE UNDER PETROLEUM RULES - 2002,
- (2) EXPLOSIVE LICENCE UNDER GAS CYLINDER RULES - 2004,
- (3) EXPLOSIVE LICENCE UNDER SMPV RULES - 1981,
- (4) ANY OTHER WORK RELATED WITH EXPLOSIVE DEPARTMENT.

Er. D. K. Khubchandani.

Mobile : 98252 75080, 94277 06485,
0260-2422520,



CONSULTANTS

EXPLOSIVE CONSULTANTS & SOLVENT CONSULTANTS

220, Panchratna Building, 2nd Floor, Char Rasta, G.I.D.C., Vapi - 396 195, Dist. Valsad (Gujarat)
Tel. : S.T.D. (0260) (O) 2422520, (R) 2424410, (M) 98252 75080 / 94277 06485

Email :- aoneconsultant@yahoo.com

Web :- www.aoneconsultant.com

(.....2.....)



CONSULTANTS

EXPLOSIVE CONSULTANTS & SOLVENT CONSULTANTS

220, Panchratna Building, 2nd Floor, Char Rasta, G.I.D.C., Vapi - 396 195, Dist. Valsad (Gujarat)
Tel. : S.T.D. (0260) (O) 2422520, (R) 2424410, (M) 98252 75080 / 94277 06485

Section 13 - Central Government authorities officers for inspection of any place where petroleum as imported, stored, produced, refined or blended to ascertain adherence to provisions of rules.

Section 23 - Contravention of provisions of chapter 1 of section 4 or 5 or any rules framed there under, is a punishable offence (non-cognizable). Punishment (1) 1 month simple imprisonment or fine upto Rs. 1000 or both (2) in the event of repeated offence, maximum punishment is - simple imprisonment upto 3 months or with fine upto Rs. 5000/- or both

Petroleum rules, 2002

It comes into effect from 13th March 2002 superseding petroleum rules 1976 taking effect from 1.8.1976.

Rule 3 - No person shall deliver or despatch petroleum to anyone in India not holding a storage licence.

● Supply shall be as per quantity shown in licence.

● This provision does not apply to defence forces of India and to the delivery and despatch of kerosene to the person holding licence in form xviii for decantation into containers from tank vehicles.

Rule 4 - Containers exceeding 1 litre in capacity for petroleum class A and 5 litres in capacity for Petroleum class B or C shall be of a type approved by the chief controller.

Rule 5 & 6 - Container shall be constructed of - for petroleum class A - tinned, galvanised or externally rust proof sheet iron or steel for petroleum class B and C - steel or iron.

Rule 12 - Special precautions against accident - no person shall commit or attempt to commit any act which may cause fire or explosion in or about any place where petroleum is refined, stored or handled, or carriage/vessel in which petroleum is transported.

Rule 28 - No leaky tank or container

L.D.O. / FURNACE OIL

- 1) Storage Capacity up to 5000 Litres : attract no approval, intimation or Licence from Explosive Dept. if stored alone.
Explosive Rules for approval.
- 2) Storage Capacity from 5001 to 45000 Litres : Required installation approval from Explosive Dept.
- 3) Storage Capacity above 45000 litres Requires Explosive Licence.
- 4) Restriction of Storage : It shall not be stored together with any other class of petroleum except under and in accordance with licence granted under these rules.

containing petroleum shall be tendered for transport.

Rule 32 - Loading / Unloading of petroleum is restricted between hours of sun-set and sunrise, except under provision clause.

Rule 44 - Loading and unloading of bulk petroleum shall not be carried out unless -

(a) the location is notified or permitted by central government and facilities approved by chief controller in case of import or (B) location and facilities are approved by chief controller in case other than import.

Rule 62 to 86 - Covers transport of petroleum on land by vehicles.

Rule 87 to 101 - Covers transport of petroleum by pipelines.

Rule 102 to 115 - Covers electrical installations

Er. D. K. Khubchandani.

Mobile : 98252 75080, 94277 06485,

Email :- aoneconsultant@yahoo.com

Web :- www.aoneconsultant.com

FREE CONSULTATION IN OUR OFFICE WITH PRIOR APPOINTMENT

(.....3.....)

METHANOL

We Assist for :-

- (1) M.A.I/M.A.II Licence from concern District Prohibition office
- (2) Poison Licence from concern District Magistrate
- (3) Explosive Licence from Exp. Dept..
- (4) M.A.I Licence for aquired, store &use of methanol.
- (5) M.A.II Licence for sale of methanol.
- (6) Addition and Alteration in aboveLicence (Amendment)
- (7) Renewal of Licence.

ETHANOL

We Assist for :-

- (1) Approval of Annual Production Programm from Ghandhinager.
- (2) Prohibition & Excise Licence from concern District Supt.of Prohibition & Excise
- (3) Quota from Commissioner of Prohibition & Excise Ahmedabad
- (4) Addition and Alteration in Quota from above Dept.
- (5) Explosive Licence from Exp.Dept.
- (6) Renewal of Licence.

LICENCE FOR PETROLEUM PRODUCT UNDER PETROLEUM RULES-2002

SUCHAS L.D.O, BENZENE, ACETONE, ETHANOL, METHANOL, C-IX, F.O., DIESEL (HSD), AROMAX, HAXANE, M.E.K., PETROL, M.T.O., PENTANE, KEROSENE (SKO), XYLENE, ETC...

LICENCE UNDER SMPV RULES-1981

FOR E.O., LPG , AMMONIYA & ANY OTHER GAS STORAGE TANK

LICENCE UNDER GAS CYLINDERS RULES-2004

FOR AMMONIYA, HYDROGEN, NITROGEN, CARBON DIOXIDE, LPG, CHLORINE, SULPHUR DIOXIDE ETC....

ARMS & AMMUNITION RULES-1962

We Assist for :-

- (1) Licence For Sulphur Powder from concern District.
- (2) Licence for Sodium Clorate.
- (3) Licence for Potesium Clorate.
- (4) Licence for Saltpetre.

POISION LICENCE

:- We Assist for :-

- (1) Poison Licence from concern District Magistrate
- (2) Explosive Licence For Item convered in Poison Licence If Applicable.
- (3) Renewal of Poison Licence.
- (4) Ammendment in Poison Licence.
- (5) Addition and Allteration in Poison Licence.

Er. D . K. Khubchandani

CONSULTING CHARTERED ENGINEERS, APPROVED VALUER
GOVERNMENT REGISTERED INDUSTRIAL CONSULTANTS &
PROJECT CONSULTANTS

Mobile : 98252 75080, 94277 06485,
0260-2422520,

Email :- aoneconsultant@yahoo.com

web :- www.aoneconsultant.com



CONSULTANTS

EXPLOSIVE CONSULTANTS & SOLVENT CONSULTANTS

220, Panchratna Building, 2nd Floor, Char Rasta, G.I.D.C., Vapi - 396 195, Dist. Valsad (Gujarat)
Tel. : S.T.D. (0260) (O) 2422520, (R) 2424410, (M) 98252 75080 / 94277 06485

Email :- aoneconsultant@yahoo.com

Web :- www.aoneconsultant.com

(.....4.....)



CONSULTANTS

EXPLOSIVE CONSULTANTS & SOLVENT CONSULTANTS

220, Panchratna Building, 2nd Floor, Char Rasta, G.I.D.C., Vapi - 396 195, Dist. Valsad, Guj. Tel. : (0260) 2422520,

<p>Rule 116 - No person shall store petroleum without Licence, except the saving clause of section 7,8,9 of act.</p>	<p>be liable to be cancelled by district authority/state government if they are satisfied that the licensee</p>	
<p>Rule 117 - Deals with restrictions on "Smoking" appliances capable of igniting inflammable vapour and scale of fire fighting facilities as per OISD 117 standard.</p>	<div data-bbox="1006 513 1364 571" style="background-color: red; color: white; padding: 5px; margin-bottom: 10px;">METHANOL</div> <p>We Assist for :-</p> <ol style="list-style-type: none"> (1) M.A.I/M.A.II Licence from concern District Prohibition office (2) Poison Licence from concern District Magistrate (3) Explosive Licence from Exp. Dept.. (4) M.A.I Licence for aquired, store & use of methanol. (5) M.A.II Licence for sale of methanol. (6) Renewal, Addition and Alteration (Amendment) in above Licence. 	
<p>Rule 124 - Petroleum storage tank shall be constructed of iron or steel as per codes/ specification of BIS or approved by chief controller</p> <ul style="list-style-type: none"> ● IS 803 for Vertical tank (above ground) ● IS10987 for horizontal tank (underground) ● Height of tank > 1.5 times of its dia or 20 m whichever is less. ● 5 % air space shall be left in each case. 	<p>CHLORINE GAS, AMMONIA GAS, SULPHUR DIOXIDE GAS & TOXIC GASES</p>	<p>has ceased to have any rights to use the rights of storing petroleum. However, before cancelling NOC, licensee shall be given a reasonable opportunity of being heard.</p>
<p>Rule 126 - Testing of tank is to be done by competent person in format given thereon.</p>	<ol style="list-style-type: none"> 1) Storage Capacity up to 5 Tonners/ Cylinders :- attract no Licence from Explosive Dept. 2) Storage Capacity 6 & above Tonners/Cylinders :- Required Explosive Licence from Explosive Department. 3) Explosive Licence & renewals :- required from Explosive Dept. under Gas Cylinders Rules, 2004. 	<p>Rule 152 - suspension and cancellation of licence (i) licence shall stand cancelled, if licensee ceases to have any right on the site for storing petroleum.</p>
<p>Rule 130 - Safety certificate is to be issued by competent person in format given thereon.</p>		<ol style="list-style-type: none"> (ii) licence shall stand cancelled, if NOC is cancelled by district authority. (iii) licence shall be suspended or cancelled by an order of licensing authority for contravention of the act or rules or any condition of licence - <ul style="list-style-type: none"> ● Maximum period of suspension - 3 months. ● Suspension does not debar licensee to apply for next renewal of licence.
<p>Rule 138 to 140 - Permission/intimation to department is obligatory for storage of petroleum class C in quantity - (i) exceeding 5000 liters and upto 45,000 literes in tank and (ii) exceeding 2500 liters and upto 45000 liters in drums/containers (i.e. non bulk).</p>	<p>Rule 160 - Report of infringement - the district authority shall inform the chief controller of the action taken by him on any report of infringement of the act or of these rules</p>	
<p>Rule 144 - NOC from District authority is necessary for obtaining licence with site plan endorsed by him.</p>	<p>Email :- aoneconsultant@yahoo.com Web :- aoneconsultant.com</p>	
<p>Rule 146 - Prior approval for any additions/alterations in a licensed premises is necessary.</p>		
<p>Rule 150 -NOC granted under rule 144 shall</p>		

CONTACT :- Er. D. K. Khubchandani.

220, Panchratna, Char Rasta, G.I.D.C., Vapi - 396 195, Dist. Valsad, Gujarat,

Ph. : 0260-2422520, (M) 98252 75080 / 94277 06485

Email :- aoneconsultant@yahoo.com

Web :- www.aoneconsultant.com



CONSULTANTS

EXPLOSIVE CONSULTANTS & SOLVENT CONSULTANTS

220, Panchratna Building, 2nd Floor, Char Rasta, G.I.D.C., Vapi - 396 195, Dist. Valsad, Guj. Tel. : (0260) 2422520,

which the chief controller may make to him.

Rule 162 - Approval of refinery - no person shall refine, crack, reform or blend petroleum unless the project report with specifications and plans showing general arrangements of tanks, stills, furnaces, electrical installations, pump houses and disposal of affluent, arrangement for fire fighting and all plants and buildings at the place where such refining / blending of petroleum is proposed, have been approved by chief controller.

Person desiring to seek such approval shall submit to chief controller an application with

- i) Copy of project report
- ii) 3 copies of drawings showing specification and plans referred to above
- iii) A scrutiny fees of Rs. 5000/- in the manner prescribed in rules.

Contact For Fresh Licence, Renewals, Additions and Alteration & Amendment in

- Explosive Licence under Petroleum Rules - 2002.
- Explosive Licence under Gas Cylinder Rules-2004.
- Explosive Licence under SMPV Rules - 1981.
- Licence under Calcium Carbide Rules - 1987.
- Explosive Licence under Fire Crackers.
- Any other work Related with Explosive Department.
- Contact for Licence work to acquiring Explosive Licence Any Place in India

STABILITY CERTIFICATE FOR FACTORY BUILDINGS

Er. Devidas Kishinchand

B.E. (Civil), M.I.E. (India) C.E., Competent Person Under GFR - 1995

APPOINTED AS A "COMPETENT PERSON"

For the purpose of Carrying out tests, examinations inspections and certification for such buildings used in a factory located in Gujarat State under Section 6 & 112 of The Factories Act, 1948 and the rules made thereunder. Amended Rules 1995.

Rule 198 - power to enter, inspect search and seize - officers authorised for purpose by central government are listed in table corresponding to the limit of jurisdiction.

Rule 200 - Notice of accident - such notice under section 27 of the act shall be given to chief controller by telephone/fax/telegram within 24 hours giving particulars of occurrence and to the officer incharge of the nearest police station by quickest means of communication.

Pending visit or untill further instructions, all wreckage and debris shall be left untouched except rescue of persons injured and recovery of body of the persons killed in the accident.

Note :- 1) Refer Petroleum Rules 2002 before taking any action.
2) Courtesy :- LUBSPOL - 2006

SOLVENT AMENDMENT ORDER - 2000.

Following products would be treated as Solvents for the purpose of Solvent Control Order 2001 requiring licence.

- | | |
|----------------|-------------------------------|
| 1.) Heptane | 8.) Lomax |
| 2.) Resol | 9.) SBP. Spirits/SBP Solvents |
| 3.) NGL | 10.) C-9 Solvents/Raffinates |
| 4.) Pentane | 11.) MTO |
| 5.) Laxon | 12.) C-6 raffinates |
| 6.) Solvent-90 | 13.) Haxane |
| 7.) Aromax | 14.) M.F.O |

- Solvent Control Order as amended vide Solvent amendment Order dated 21/11/2001 is in force w.e.f. 01/01/2002
- No such Licence shall be required for consumption of 50 KLS per Month or less and storage of 20 KLS or less of solvents listed in the schedule combined.

CONTACT :- Er. D. K. Khubchandani.

Ph. : 0260-2422520 (M) 98252 75080 / 94277 06485

220, Panchratna Building, 2nd Floor, Char Rasta, G.I.D.C., Vapi - 396 195, Dist. Valsad (Gujarat)
Tel. : S.T.D. (0260) (O) 2422520, (R) 2424410, (M) 98252 75080 / 94277 06485

Email :- aoneconsultant@yahoo.com

Web :- www.aoneconsultant.com

WE ARE WORKING AS

- ◆ Explosive Consultants
- ◆ Solvent Consultants
- ◆ Chartered Engineer
- ◆ Approved valuers
- ◆ Competent Person For Factory Building in Gujarat, Maharashtra, Daman & Silvassa.
- ◆ Installation Approval for LDO/FO
- ◆ New SSI Licence (EM PART - 1 & EM PART - 2)
- ◆ Licence under SMPV Rules 1981
- ◆ Licence under Gas Cylinder Rules - 2004
- ◆ Licence for Methanol and Ethanol
- ◆ Licence for Petroleum Product Under Petroleum Rules - 2002.
- ◆ G.E.B. Works (Dakshin Gujarat Vij Co. Ltd.)
- ◆ Electricity Duty Departments Works.
- ◆ Electrical Inspector Works.
- ◆ Industries Departments Works.
- ◆ G.I.D.C. Works.
- ◆ DIC Works.
- ◆ Static and Mobile Pressure Vessels Rules - 1981.
- ◆ Calcium Carbide Rules - 1987.
- ◆ Licence for Fire Crackers.
- ◆ Explosives Rules - 2008.
- ◆ Essential Commodities Act, 1955.
- ◆ Solvent Control Order - 2000 dt. 05.06.2000.
- ◆ Neptha Control Order - 2000 dt. 05.06.2000.
- ◆ Poison Act, 1919.
- ◆ Essential Commodities (Special Provisions) Act, 1981.
- ◆ Storage Permission for Sulphur, Sodium Chloride, Pottasium Chloride.
- ◆ Arms Act and Rules - 1962.
- ◆ The Inflammable Substances Act, 1952.
- ◆ Import Export Number (IEC No.)
- ◆ NSIC Registration Works & Any other Work related to NSIC.
- ◆ Registration under Micro, Small and Medium Enterprises Development Act - 2006 (MSMED Act - 2006).
- ◆ Micro Enterprises Registration.
- ◆ Small Enterprises Registration.
- ◆ Medium Enterprises Registration.
- ◆ IEM Registration (Large Scale Industry).
- ◆ Licence under Factory Act - 1948 and Rules.
- ◆ ISO Subsidy for Central & State.

Mobile : 98252 75080, 94277 06485,
0260-2422520,

Email :- aoneconsultant@yahoo.com

Web :- www.aoneconsultant.com



CONSULTANTS

EXPLOSIVE & SOLVENT CONSULTANTS

CONTACT :- Er. D. K. Khubchandani.

220, Panchratna, Char Rasta, G.I.D.C., Vapi - 396 195, Dist. Valsad, Gujarat,

Ph. : 0260-2422520, (M) 98252 75080 / 94277 06485

Email :- aoneconsultant@yahoo.com

Web :- www.aoneconsultant.com