



- *Safety and Inspection*
- *Electrical & Fire Audit*
- *Report Preparation*
- *Training & Inspection*

Corporate Profile

RAMS SAFETY CONSULTANTS

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RAMS SAFETY CONSULTANTS was established in the year 1985 and it is one of the oldest of its kind in India.

It was established by Mr. R. Ramadorai, a Safety Professional, as a partnership Company. He has around 10 years of operational and project experience and 16 years as Head of the Safety, Fire and Pollution Control Department in a leading fertiliser industry. He is a Chemical Engineer and has presented a number of papers in India and a few in abroad.

All the specialists attached to Rams Safety Consultants are suitably qualified and have industrial experience of around 20 years or more. The company's Head Office is located in Chennai and has branches in Mumbai , Bangalore., Hyderabad & Lucknow

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1.0.INTRODUCTION.

* Started in the year 1985, RSC is one of the earliest safety consultancy firms established in India to meet the specific demands of the industries in the area of Safety. RSC is a leading organisation in the field of Safety and Inspection. RSC has carried out assignments *all over India*. It has also carried out a *couple of overseas assignments*.

* Offices

RSC is Chennai based with branch offices in the following cities:

<p>5/62, Pestom Sagar Road No:1, PO Tilak Nagar, Mumbai - 400 089 Phone: (022) 2522 8047 e-mail : rkrshnan@vsnl.net</p>	<p>2170, Bhavani Street , Ramamurthi Nagar, Bangalore - 560016 Phone: 080 /2565 7577 e-mail: chandramouli_kuppachi@yahoo.co.in</p>
<p>B-S1, Wide Park Apts. Snehapuri Colony,Nacharam, Hyderabad-500 076 Phone (040) 27171225 e-mail svln_46@yahoo.com</p>	<p>G-217, South City, Raibareilly Road, Lucknow, Uttar Pradesh-226025 Phone: 098392 28704 e-mail tarunkantiroy@rediffmail.com</p>

* RSC consists of a group of dedicated professionals having vast industrial experience with specialised knowledge in their respective fields. RSC utilises the diverse capabilities of its staff to provide the specific expertise needed by the industries. The organisation can cater to the safety needs of fertilizer, chemical, refinery and petrochemical industries.

* Software Resources

RSC is equipped with advanced computer software to carry out safety studies and risk assessment. Some of the software resources available with RSC include

- PHAST Micro Version 6.1
- WHAZAN - II Version 2.11
- RMT - FETI
- RMT - HAZOP

2.0 SERVICES OFFERED

* **Safety Studies**

- Safety Audits
- Safety Inspections
- HAZOP Study
- Risk Analysis
- Dispersion models for toxic and flammable gases release
- Fire Safety Audits
- Fire System Design

*

* **Electrical Studies**

- Electrical Safety Audit
- Maximum Power Demand Analysis
- Lightning Conductors - Design & Erection
- Hazardous Area Classification
- Trouble shooting in electrical system
- Inspection of Explosion proof fittings

* **Project Services**

- Environmental Impact Assessment
- Pre-commissioning HAZOP Study
- Pre-commissioning Safety Audits
- Design of Fire Protection System & Obtaining approval.
- Certification under Static and Mobile Pressure Vessels (Unfired) [SMPV (U)] Rules
- Preparation of Operating Manuals
- HAZOP Study for pilot plants

* **Reports and Manual Preparation**

- Safety Reports
- Safety Orders
- Safety Manuals
- Fire Manuals
- Emergency Plans

* **Training**

- Process Safety
- Safety
- Electrical Safety
- Fire Fighting
- Construction Safety

* **Inspection and Certification**

- Third Party Inspection
- Pressure Vessels & Safety Valves Testing & Certification under Rules 18,19,33 & 44 of SMPV (U) Rules, 1981. (*Competent Persons approved by Chief Controller of Explosives, Nagpur*)
- NDT

* **ISO- 9001, ISO – 14001 and OHSAS – 18001**

- Evolving
- Developing
- Implementing
- Conducting Internal Audit
- Coordinating Certification Audit.

3.0 LIST OF KEY PERSONNEL

4.0

Sl. No.	Name	Qualification	Area of Specialisation
1	R.RAMADORAI	BE (Chem)	General Safety, Process Safety, HAZOP, Training, Risk Analysis, Accident Investigation.
2	R Venkatesh	B.E (Mech Engg) M.E (Safety)	Process Safety, Risk Assessment, HAZOP Study, General Safety
3	R.KRISHNAN	M.Tech (Chem.Engg.)	Process Safety, Risk Assessment, HAZOP Study
4	V.SRINIVASA RAO	BE (Hons) Electrical	Electrical Safety
5	K.S.CHANDRAMOULI	B.Sc., BE (Electrical)	Electrical Safety
6	P.V. RAGHAVAN	B.Sc.,Chemical Engineer	Process Safety, HAZOP and Risk Assessment
7	V. RAJASEKARAN	Dip. Elec. Engg AMIE.	Fire safety
8	N.CHANDRASEKHARAN	Degree in Chemical Engineering	Hazop Study, Process & General Safety
9	M.S.SHANMUGHAM	B.E. (Mechanical) ME (Chemical Engg) IIT Chennai	Mechanical Maintenance & Inspection. Specialist in audit and inspection of maintenance systems.
10	R.CHAKRAPANI	Dip. Mech Engg.	Mechanical Maintenance & Testing. Specialist in maintenance of boilers and connected systems.
11	S Hariharan	Dip - Chem Engg & Dip - Indl Safety	HAZOP Study, General Safety & Process Safety
12	V Narasimhan	AMIE – Chemical	Risk Analysis, General Safety & Process Safety
13	S.V.L.NARAYANAN	DIP.MECH ENGG & AMIE – MECH	Specialist and expert in troubleshooting, analyzing and rectification on high capacity Rotating/Reciprocating Equipment. Expert in Mechanical Maintenance and carrying out safety audit and inspection of mechanical maintenance systems.
14	Venkatasubramanian	B.E - Chem Engg	Process safety, HAZOP study & General safety

4.0 SAFETY AUDIT

YEAR 1985

1. SPIC, Tuticorin, Tamil Nadu,.
- 2..Mangalore Chemicals & Fertilizers Ltd., Mangalore

YEAR 1986

- 1.Zuari Agro Chemicals, Fertilizer Plant, Goa,
- 2.Fertilizer Corporation of India Ltd., Talcher Unit
- 3.Tuticorin Alkali Chemicals and Fertilizers Ltd., Tuticorin, Tamilnadu

YEAR 1987

- 1.Ambuja Petrochemicals, Pthallic Anhydride Plant, Hyderabad
- 2.Punjab National Fertilizers, Naya Nangal, Punjab.
- 3.Neyveli Lignite Corporation Ltd., Fertilizer Factory, Neyveli, Tamil Nadu.
- 4.Dhargadhara Chemical Works (DCW), Arumuganeri, Tamil Nadu
- 5.Fertilizer Corporation of India Ltd., Gorakhpur Unit

YEAR 1988

- 1.IFFCO, Fertilizer Factory, Phulpur
- 2.Chemcrown, Ammonium Nitrate and Nitrite Plant, Chennai
- 3.SPIC - Heavy Chemicals Division, Chennai
- 4.Ballarpur Industries Ltd, Caustic Soda and Phosphoric Acid Plants,
- 5.Thirumalai Chemicals, Pthallic and Maleic Anhydride Plants, Ranipet, T.N
- 6.Lipton India Limited, Oil Hydrogenation Plant, Tiruchirappalli, Tamil Nadu

YEAR 1989

- 1.Neyveli Lignite Corporation Ltd., B & C Plant, Neyveli, Tamil Nadu
- 2.EID Parry, Fertilizer Unit, DAP Plant, Chennai
- 3.Shasun Drugs, Manufacturing Unit, Pondicherry.
- 4.Balmer Lawrie & Co., Ltd., Leather Chemicals, Fine Chemicals etc. Chennai
- 5.TANFAC, Aluminium Flouride Plant, Cuddalore, Tamil Nadu.
- 6.Punjab Alkalies and Chemicals Ltd., Caustic Soda Plant, Naya Nangal, Punjab

YEAR 1990

- 1.Tamil Nadu Petroproducts Ltd., LAB Plant, Chennai
- 2.KRIBHCO, Captive Power Plant, Surat, Gujarat
- 3.Chemfab Alkalies Limited,Caustic Soda Plant, Pondicherry,.

YEAR 1991

- 1.Tuticorin Alkali Chemicals and Fertilizers Ltd., Pesticide Plant, Trichirapalli
- 2.Southern Petrochemical Industries Corporation, Tuticorin
- 3.JBF Industries Ltd., Pondicherry.
- 4Tamilnadu Newsprint and Papers Ltd., Kagithapuram, Tamilnadu
- 5.Sri Ram Fibres Ltd., Nylon Plant, Chennai.
- 6.Essar Steel, Natural Gas System, Hazira , Gujarat.
- 7.Tuticorin Alkali Chemicals and Fertilizers Ltd., Tamilnadu

YEAR 1992

- 1.DCW Limited, Caustic Soda & PVC Divisions, Sahupuram, Tamilnadu
- 2.Nagarjuna Fertilizers and Chemicals Ltd., Kakinada
- 3.TANFAC, Aluminium Fluoride Plant, Cuddalore, Tamil Nadu
- 4 SPIC - Heavy Chemicals Division, Chennai
- 5.Bharat Heavy Electricals Limited, Seamless Steel Tube Plant and MHD Centre, TN

YEAR 1993

- 1.Gujarat State Fertilizers Company Ltd., Ammonia, Urea, Melamine and Caprolactum plants, Vadodara, Gujarat
- 2.Gujarat Heavy Chemicals Ltd., Soda Ash Plant, Veraval.
- 3.Manali Petrochemical Limited, Chennai,.
- 4.Kothari Sugars and Chemicals Ltd., Petrochemical Plant, Karaikal.
- 5.Spartek Granites Ltd., LPG Storage, Gudapakkam, Tamil Nadu
- 6.Ballarpur Industries Ltd (BILT), Caustic Soda Plant, Yamuna Nagar, Harayana.
- 7.B ILT, Caustic Soda and Phosphoric Acid Plants, Binaga, Karnataka
- 8.EID Parry, Fertilizer Unit, DAP Plant, Chennai

YEAR 1994

- 1.Godavari Fertilizers and Chemicals Limited, Plant and Storage Terminal,.
- 2.Gujarat State Fertilizers Company Limited (Polymers Unit), Vadodara,.
- 3.Essar Steel, Steel-I Complex, Hazira, Surat,

YEAR 1995

- 1.Fertilizer Corporation of India Limited, Ramagundam Unit.
- 2.Vanavil Dyes and Chemicals Limited, Cuddalore, Tamilnadu
- 3.Chemagro International Ltd., Srikakulam, Andhra Pradesh
- 4.Tuticorin Alkali Chemicals and Fertilizers Ltd,Tuticorin, Tamilnadu,.
- 5.Global Boards Ltd., Mahad, Raigad Dist., Maharastra
- 6.Vikram Ispat, Sponge Iron Plant, Village Salav, Maharastra
- 7.SPIC Heavy Chemicals Division, Manali, Chennai
- 8.Kothari Sugars and Chemicals Limited., Polybutylene Plant, Chennai
- 9.Kothari Sugars and Chemicals Limited., (ONCB/PNCB),Karaikal
- 10.Balaji Distilleries, Chennai.

YEAR 1996

- 1.Tata Chemicals Limited, (Fertilizer Division), Babrala, U.P.,
2. Tamilnadu Petroproducts Limited, Epichlorohydrin Plant, Manali, Chennai
- 3.Nagarjuna Agrichem Limited, Monocrothopas and Asphalt Plant.
- 4.Pond's India Limited, Personal Products Division, Chromepet , Chennai.
- 5.Chemfab Alkalis Limited, Kalapet, Pondicherry
- 6.Fertilizer Corporation of India Limited, Talcher Unit
- 7.Gujarat State Fertilizers Company Limited (Polymers Unit), Vadodara
- 8.Pond's India Limited - Shoe Unit, Tindivanam
- 9.Pond's India Limited - Mushroom Unit, Ooty
- 10.Pond's India Limited - Thermometer Factory, Kodaikanal
- 11.Pond's India Limited - New Industrial Undertaking, Pondicherry
- 12.Pond's India Limited - Shoe & Cosmetics Units, Pondicherry
- 13.Grasim Industries Limited, Pulp and Fibre Division, Mavoor, Kerala
- 14.Indo Gulf Fertilisers and Chemicals Corporation Limited, Jagdishpur
- 15.DCW Limited, Caustic Soda & PVC Divisions, Sahupuram, Tamilnadu
- 16.Pond's India Limited, Head Office in Chennai.
- 17.Hyderabad AFS
18. Trivandrum AFS

YEAR 1997

- 1.Birla Copper, Bharuch, Gujarat, . (Precommissioning Safety Audit)
- 2.Balmer Lawrie & Company Limited, Leather Chemicals Division, Chennai .

3. Balmer Lawrie & Company Limited, AOFA Division, Manali, Chennai
4. BPL US West Cellular Limited, Electronic Exchange, Coimbatore,
5. SPIC Pharmaceuticals Division, Cuddalore, TN
6. Gujarat State Fertilizers and Chemicals Limited, Sikka Unit, Gujarat.
7. Gujarat State Fertilizers and Chemicals Limited, Fibre Unit, Kosamba, Gujarat.
8. EID Parry (India) Limited, Compound Fertilizer Factory, Chennai,

YEAR 1998

1. Ind-Ital Chemicals Limited, Madhavaram, Chennai
12. Cairn Energy (India) Pty Limited, Ravva Field, AP (Electrical Safety Audit)
3. BPL US West Cellular, Electronic Telephone Exchange, Cochin, Kerala,
4. BPL US West Cellular, Electronic Telephone Exchange, Pune, Maharashtra
5. EID Parry (I) Ltd., Sugar Unit, Nellikuppam, TN,.
6. Nicholas Piramal (I) Ltd., Bulk Drug Division, A P
7. Gujarat State Fertilizers and Chemicals Ltd., Vadodara, 1998
8. Gujarat State Fertilizers and Chemicals Ltd., Polymer unit, Vadodara, 1998
9. Balmer Lawrie & Company Limited, Grease Division, Manali, Chennai, 1998.
10. Balmer Lawrie & Company Limited, Barrel Division, Manali, Chennai, 1998
11. Indian Additives Limited, Manali, Chennai
12. Tamil Nadu Petroproducts Limited, LAB Plant, Manali, Chennai
13. Trichy Flour Mill, Tiruchirappalli, TN
14. Sahayamatha Salt Refinery, Tuticorin, Tamil Nadu
15. SR Chemicals and Cosmetics Limited, Kanpur
16. Gold Seal Limited, Indore, MP
17. Super Salts Limited, Jambusar, Gujarat
18. Western India Sea Brines (P) Limited, Gandhidham, Gujarat.

YEAR 1999

1. Shaw Wallace & Company Limited, Super Phosphate Plant, Chennai
2. Tuticorin Alkali Chemicals and Fertilisers Limited, Tuticorin, TN
3. NTPC Combined Cycle Power Project, Kayamkulam, Kerala,
4. Indian Farmers & Fertilisers Co-operative (IFFCO) Limited, Kalol, Gujarat
5. SPIC Organics Limited, Manali, Chennai.
6. Bharat Petroleum Corporation Limited, Tondiarpet Installation, Chennai
7. KRIBHCO, Fertilizer Plant, Surat, Gujarat
8. Indian Rayons and Industries Limited, Rayon Division, Veraval, Gujarat
9. Balcke-Durr and Wabag Technologies Limited, Chennai (Office Safety)
10. Finolex, Industries Limited, VCM and PVC Plants, Ratnagiri, Maharashtra

YEAR 2000

1. Ballarpur Industries Limited (BILT), Unit: Shree Gopal, Yamuna Nagar, Haryana
2. Orchid Chemicals & Pharmaceuticals Limited, Alathur, TN

3. Indian Farmers & Fertilisers Co-operative (IFFCO) Limited, Aonla Unit, U P
4. Eagle Flask Industries, Chennai, TN
5. Manali Petrochemical Limited, Manali, Chennai
6. Indian Farmers & Fertilisers Co-operative (IFFCO) Limited, Phulpur, U. P.
7. EID Parry (I) Ltd., Compound Fertilizer Factory, Ennore, Chennai
8. DSQ Biotech Limited, Cuddalore, TN

YEAR 2001

1. Addison Paints & Chemicals Ltd., Chennai
2. Tata Chemicals Ltd., Mithapur
3. Tata Chemicals Limited, Whole Complex at Mithapur, Gujarat
4. Tata Chemical Limited, Fertilizer Division, Babrala, UP
5. EID Parry (I) Ltd., Compound Fertilizer Factory, Ennore, Chennai
6. SRF Limited, Fluorochemicals Division, Bhiwadi, Rajasthan
7. Nirma Limited, Linear Alkyl Benzene Plant, Alindra, Gujarat
8. GE (General Electric) Nouvo Pignone, Combined Cycle Cogeneration Power Plant, Haldia, W.B.
9. GE International, IPCL Complex, Combined Cycle Cogeneration Power Plant, Dahej, Gujarat.
10. GE Energy Services, Power Plant, Combined Cycle Cogeneration Power Plant, Jhagadia, Gujarat,

YEAR 2002

1. Kothari Sugars and Chemicals Ltd., 2
2. SPIC Pharmaceuticals Limited, Cuddalore
3. Tamilnadu State Apex Cooperative Bank, Chennai, Electrical Safety Audit,
4. Indo Matsushita Appliances Co. Ltd., Sholavaram Village, Electrical Safety Audit
5. Ministry of Environment and Forest, New Delhi
6. Finolex Industries Limited, PVC Plant, Ratnagiri, Maharashtra,
7. EID Parry (I) Ltd., Compound Fertilizer Factory, Ennore, Chennai,
8. Hindustan Lever Limited, Foods Factory, Trichy,
9. Bharat Petroleum Corporation Limited, Tondiarpet,
10. Manali Petrochemicals Ltd., Plants II & Chennai,.
11. Tamilnadu Petroproducts Ltd., Chennai
12. M.K. Electric India Ltd., Chennai
13. Flamagas India Ltd, Chennai.
14. Cairn Energy India Pty. Limited, Vishakapattinam, A.P
15. PSEG PPN Operations Pvt Ltd., Thirukadaiyur, Tamilnadu
16. Indian Farmers Fertilizer Co-operative Limited Aonla Unit
17. Indian Farmers Fertilizer Co-operative Limited Kandla Unit
18. Indian Farmers Fertilizer Co-operative Limited, Phulpur Unit, Allahabad, U.P.
19. Indo-Gulf Fertilizers and Chemicals Corpn. Ltd., Jagdishpur

- 20.Manali Petrochemicals Limited, Manali,
- 21.Owens Brockway (India) Limited, Pondichery
- 22.Arvind Mills, Ahmedabad,.
23. Arvind Mills Naroda E H S Audit .

YEAR 2003

- 1.SPIC PHARMA, Cuddalore
- 2.Addisons Paints & Chemicals Limited, Sembium
- 3.Autolec Gummidipoondi
- 4.Kothari Sugars and Chemicals Limited, Polyisobutylene Plant, Chennai.
- 5.GMR Technologies & Industries Limited (Sugar Division), Srikakulam, A.P
- 6.Paradeep Phosphates Limited, Paradeep, Orissa
- 7.Manali Petrochemical Limited, Plants I & II, Manali, Chennai,
- 8.Neyveli Lignite Corporation Limited, Thermal Power Station I & Expansion, Neyveli. T.N.
- 9.Indian Farmers Fertiliser Cooperative Limited, Aonla Unit, UP
- 10.Indian Farmers Fertiliser Cooperative Limited, Phulphur Unit, UP
- 11.Hindalco Industries Limited, Renusagar Power Division, Renusagar, UP
- 12.Indian Rayon Industries Ltd., Veraval, Gujarat
- 13.Rani Seethai Aachi Hall, Office & Building Safety Audit, Chennai
- 14.SRF Limited, Industrial Synthetics Division, Chennai
- 15.Bharat Aluminium Company Limited (BALCO), Korba
- 16.Chemfab Alkalis Limited, Chlor-Alkali Plant, Pondicherry
- 17.Chemical Terminal Trombay Limited, Mumbai
- 18.DCW Limited, VCM Installation & Sahupuram Plants,TN
- 19.Engelhard Environmental Systems (India) Pvt. Ltd., Maraimalai Nagar
- 20.Audco India Limited, Fire Safety Audit
- 21,Hyundai Motors Limited, Sriperumbudur
- 22.Computer Age Management Services Pvt. Ltd., Office & Building Safety Audit, Chennai
- 23.DCW Sahupuram S H E Audit

YEAR 2004

- 1 Indo Gulf Fertilisers Limited, Jagadishpur, U.P
2. BPL Coimbatore. T.N
3. Albox Digwal
4. EID Parry India Limited,
5. DCW Limited, Sahupuram, T.N
6. Chemplast Sanmar Limited, Alathur . Chennai
7. Kerala Minerals & Metals Limited
8. Nagarjuna fertilizers, Kakinada, A.P.
9. Manali Petrochemicals Limited, Manali, Chennai, Plant-I
10. Manali Petrochemicals Limited, Manali, Chennai, Plant-II
11. Chemplast Sanmar Limited, Mettur Dam, Plant-I

12. Chemplast Sanmar Limited, Mettur Dam, Plant-II
13. Chemplast Sanmar Limited, Mettur Dam, Plant-III
14. Dishman Pharmaceuticals Limited, Ahmedabad, Naroda
15. Dishman Pharmaceuticals Limited, Ahmedabad, Bavla
16. Kothari Sugars and Chemicals Ltd., Manali
17. Sterlite Industries, Tuticorin. (**Inspection of Acid Tankers.**)

YEAR 2005

1. BPCL, Petroleum Depot at Tondiarpet, Chennai
2. Manali Petrochemicals Limited, Manali, Chennai, Plant-I
3. Manali Petrochemicals Limited, Manali, Chennai, Plant-II
4. EID Parry India Limited ,Pettavaithalai
5. Eid Parry India Limited, Pugalur,
6. Tamilnadu NewsPrint Limited,
7. Cairn Energy Explosive Magazine –Yanam
8. Indian Farmers Fertilisers Co operative Limited Phulpur .
- 9..Finolex Industries Limited, Ratnagiri
10. Sundarm Fasteners Limited, Autole Bearing Plant Chennai
11. SRF Gummidipoondi,
12. Chemplast Sanmar Limited, Mettur Dam, Plant-I
13. .Nagarjuna Fertilisers and Chemicals Limited,
14. Nichlos Piralma India Limited Plant II & III
15. Hindustan Lever Limited, Kurnool,
16. TANFAC , Cuddalore
17. Sundarm Fasteners Limited, Chennai
18. Tuticorin Alkali chemicals and Fertilisers Limited, Tuticorin
19. Indo Gulf Fertilisers Limited, Jagadishpur, U.P
20. DCW Limited, Sahapuram, T.N
21. DCW VCM Installation
22. Tata chemicals Limited Mithapore
23. Tagros Chemicals India Limited, Cuddalore
24. Nagarjuna Fertilisers and Chemicals Limited, Kakinada. A.P

YEAR 2006

1. Chemplast Sanmar Limited, Mettur Dam, Plant-I.
2. Chemplast Sanmar Limited, Mettur Dam, Plant-II
3. Chemplast Sanmar Limited, Mettur Dam, Plant-III
4. Finolex Industries India Limited Process Safety Audit
5. Bharat Petroleum Corporation Limited Petroleum Terminal at Karur
6. Indian Farmers Fertilisers Co operative Limited, Phulpur
7. Orchid Chemicals & Pharmaceuticals Limited, , Alathur, Chennai
8. Hindustan Lever Limited, Perfumes Storage Pondichery,
9. Englehard, Maraimalinagar
10. Sundarm Fasteners Limited, Autolec, Chennai

YEAR 2007

1. Sterlite Industries (I) Limited, Tuticorin

2. Bharat Petroleum Corporation Ltd, Petroleum Depot, Tondiarpet, Chennai
3. Paradeep Phosphates Limited, Paradeep Orissa
4. Mangalore Chemicals and Fertilisers Limited, Karnataka
5. Chemplast Sanmar Industrial Alcohol Plant II
6. Thermax , Madras Cements Plant (Alathiyur) T.N.
7. Manali Petrochemicals Ltd., Manali., Chennai.
8. Kothari Petrochemicals Ltd., Manali, Chennai (Snap S.A.)

YEAR 2007 (contd)

9. Chemplast Sanmar Plant I, T.N.
10. Chemplast Sanmar Plant III T.N.
11. Valeo Friction Ltd., Sengundram, Chennai.
12. Essar Group Mumbai
13. Essar Group- RUIA House, Mumbai.
14. Ganga Foundations, Perambur, Chennai (Construction Safety)
15. IFFCO, Phulpur
16. Parryware Roca, Ranipet. T.N.
17. Finolex Industries, Ratnagiri, Maharashtra.
18. Fouryes TQM Consultants, Chennai
19. Cairn Energy India Pty.Ltd., (HSE) for Patel Petrochemicals Ltd., Vadodara
20. Safety Study. Sandoz/ Maharashtra.
21. ST-CMS, Uthangal/T.N. SHE audit. 250 MW- LFPP)
22. Cairn Energy India Pty.Ltd., (HSE) Nandurbar/Gujarat.
23. Cairn Energy India Pty.Ltd., (HSE)for Tejas Co.Pvt.Ltd., Bijapur/ K.Nataka.
24. Orchid Chemicals, Alathur , T.N. (Safety Assessment Audit)
25. St-CMS Uthangal E H & S Audit

YEAR 2008

1. Rohm & Hass, Kancheepuram, T.N.
2. BHEL, Seamless Tube Plant, Trichy. T.N.
3. Thermax India, Construction Safety. Mettur, T.N.
4. DCW LTD Sahapuram, T.N.
5. Tamilnadu Petroproducts Ltd.,, Manali, Chennai.
6. FLSmidth Pvt.Ltd., Egatoor, Kelambakkam, Chennai.
7. Chemplast Sanmar, Karaikal, T.N.
8. ManaliPetrochemicals Ltd, Manali., Chennai Plant I & II
9. BASF Catalysts Pvt.Ltd., Maraimalainagar, .T.N
10. Indo Gulf Fertilisers Ltd., Jagdishpur, U.P.
11. Solaris Chemtech Ltd., BILT, Karnataka
12. Cairn Energy India Pty.Ltd., (HSE) for Varun Enterprises.
13. Chemplast Sanmar, Mettur Dam- T.N.
14. Hydro S & S Industries, Puducherry.
15. Chemplast Sanmar, Industrial Alcohol Plant- Panruti- T.N.

YEAR 2009

1. Cairn India Ltd., Barmer, Rajasthan (**Road Transport Safety Audit**)

- 2.ABAN Power Company, Tanjore- TN
- 3.Ganga Foundation Ltd., Perambur, Chennai.
- 4.DCW Limited, Sahupuram, Main Plant & VCM Installation-Tuticorin/T.N
- 5.Indo Gulf, Jagdishpur/ U.P.
- 6.BASF, Maraimalainagar, Chennai.

5.0 RISK ANALYSIS AUDIT

YEAR 1988

- 1.DCW VCM Installation, Sahupuram, T.N.

Year 1989

- 1.Spice Ltd., Tuticorin/T.N. Assessment of the Safety/Integrity of Ammonia Terminal Facilities and Phosphoric Acid storage terminal at Tuticorin Harbour.

YEAR 1993.

1. Shasun Drugs, Pondicherry.
2. Spice Imported phosphoric acid storage at Tuticorin Port/TN.

YEAR 1996.

- 1.BPCL. Devanagondhi., Karnataka

YEAR 1997.

1. BPCL Cannanore.
2. BPCL Ernakulam.
3. BPCL, Thiruvananthapuram.
- 4 BPCL, Madurai.HP Madurai
- 5 BPCL, Rajamundhri.
- 6 I.O.C Royapuram
- 7 Borosil Glass Works, Maraimalai Nagar
8. FCI, Ramagundam.
- 9.TPL Epichlorohydrin plant.
- 10.Dankuni.
- 11.BPCL.Thirunelveli

YEAR 1998.

1. DCW Sahupuram.
2. Praxair India Ltd, St. Gobain Glass Ltd., Project, Sriperumbudur / T.N.

YEAR 1999.

- 1.BPCL Tondiarpet. Chennai.
- 2.BPCL,Tondiarpet. Chennai.
- 3.TANFAC, Cuddalore / T.N
- 4.BPCL, Trichy./ T.N.
- 5.Tanfac, Cuddalore/TN, (Safety Report & on sight emergency plan.)
6. MOEF-ABAN Power company Ltd.,

YEAR 2000

1. DCW Sahupuram.
2. Praxair India Ltd, St. Gobain Glass Ltd., Project, Sriperumbudur / T.N.
3. Indian Additives, Manali, Chennai.
4. BPCL,AFS, Thiruvananthapuram, Kerala.
5. BPCL,AFS, Bangalore, Karnataka.
6. GSFC, Caprolactum II, Gujarat.
7. SRF HFC- 134-A and Multipurpose Plants PETI)
8. SRF Flurochemicals, Bhiwadi.

YEAR 2001.

1. BPCL, Devanaganthi, Karnataka.
2. Sri Balaji Gas Bottling Company, Erode.
3. TCL, Babrala
4. Orchid Chemicals & Pharmaceuticals Ltd., Alathur, T.N.

YEAR 2002.

- 1.Chemplast Sanmar, Industrial Alcohol Plant, Panruti, T.N.
- 2.Praxair India Ltd, St. Gobain Glass Ltd., Project, Sriperumbudur / T.N.
- 3GSFC, Sikka Unit
- 4.Calac, Cuddalore

YEAR 2003

- 1.Sterlite, Tuticorin/ TN. Sulphuric acid storage ;& Pumping facility.
- 2.NLC, Neyveli, T.N.
- 3.SRF, Bhiwadi.

YEAR 2004.

- 1.TCL, Mithapur.
- 2.HPCL, Tirunelveli. T.N.
- 3.BPCL, Coimbatore.T.N.
- 4.Nirma Chemicals. LAB plant

5. Nicholas Piramel, Digwal
6. Chemplast II Metur Dam/ T.N.
7. Orchid Chemicals, Expansion unit, Aurangabad, Maharashtra.
8. Arkhema Peroxide, Cuddalore/TN

YEAR 2005.

1. Nicholas Piramel, Pithambur.
2. BPCL, Tirunelveli Depot.
3. HPCL, Salem
4. BPCL, Karur.

YEAR 2006

1. Tanfac, Cuddalore, T.N.
2. Indo Gulf Fertilisers, Jagdishpur

YEAR 2007

1. KCC Paints, Sriperumbudur, Chennai
2. Mahindra & Mahindra, Mahindra city, Chennai
3. Global Chemical Industries, Valarpuram, T.N.
4. Orchid Chemicals & Pharmaceuticals, Aurangabad, Maharashtra.
5. Monsanto India, Lalgadimalpet, Hyderabad.
6. I.O.C. Sankari Depot, T.N.

YEAR 2008.

1. HPCL, Tirunelveli, T.N.
2. Essar Steels Hazira, Gujarat. (QRA Study)
3. Tanfac Cuddalore, T.N.
4. Manali Petrochemical Ltd, II, Chennai.
5. DCW, Sahapuram / VCM Installation, Tuticorin, T.N.
6. Hindustan Unilever Rampur, Haridwar, Uttarkhand
7. Kribco Shyam Fertilisers Ltd., Shajehanpur, U.P. (QRA)

YEAR 2009.

1. Indian Oil Corpn. AFS, Meenambakkam, Chennai.
2. BASF, Maramalainagar, Chennai.

6.0 HAZOP STUDY.

YEAR 1991

1. Indo Gulf Fertilisers, Jagdishpur.

YEAR 1992

1. BPCL, Rajamundhri. A.P

YEAR 1993

1. Nagarjuna Fertilisers and Chemicals Ltd., Kakinada, A.P.
2. Indo Gulf Fertilisers, Jagdishpur.

YEAR 1994

1. Vikram Ispat, Mumbai, Maharashtra.
2. B & C Plant, NLC, Neyveli. T.N.

YEAR 1995.

1. Godavari Fertilisers & Chemicals Ltd., Kakinada, A.P.

Year 1996

1. Balmer Lawries & Co.Ltd., Chennai

YEAR 1997

1. F.C.I. Ramagundam, A.P
2. Birla Copper, Dahej Gujarat.
3. Thai Organic Chemicals Co.Ltd., Thailand
4. Dunkani Coal Complex. W.B.

YEAR 1998

1. Alexandria Carbon Black Co. S.A.E. Egypt
2. Vikram Ispat, Maharashtra.

- 3.GSFC, Gujarat
4. Godhavari Fertilisers & Chemicals Ltd., A.P.

YEAR 1999

- 1.Praxair India Ltd., Sriperumbudur, Chennai.
2. GSFC, Caprolactum plant.
- 3.BPCL, LPG bottling plant. New Mangalore, Karnataks.

YEAR 2000

1. National Thermal Power Corpn. Kayamkulam, Kerala
2. Orchid chemicals & Pharmaceuticals , Aurangabad. Maharashtra,

YEAR 2001

1. Tata Chemicals Ltd., .Babrula. UP.
2. Tata Chemicals Mithapur, Power House Plant Gujarat.
3. Tata Chemicals Mithapur, Marine chemicals. Gujarat.
4. Tata Chemicals Mithapur, Soda Ash Plant. Gujarat
5. Sterlite Industries, Tuticorin, T.N.
6. Indian Additives, Manali. Chennai.
7. Orchid Chemicals ;& Pharmaceuticals Ltd., Alathur.

YEAR 2002

1. Mangalore Chemicals & Fertilisers Ltd., Mangalore, Karnataka.

YEAR 2003

1. Alfaolefin Sulphonate Plant HLL Pondicherry.
2. HLL Pamarru, Block Ice /Refrn Plant.
3. BPCL, Multiproduct line from Jetty to Tankfarm ,Mumbai.
4. HLL Taloja, Gujarat,
5. HLL, Kuthiathode.
6. HLL, Rabale, Mumbai, Maharashtra.

YEAR 2004

- 1.Tamilandu Petroproducts Ltd., Chennai.
- 2.Orchid chemicals Aurangabad
- 3.Aarthi Industries Vapi, Maharashtra

YEAR 2005

1. MCF, Mangalore, Karnataka
2. SRF Ltd., Bhiwadi
- 3.Sterlite Industries, Tuticorin.
- 4.Tagros Chemicals, Cuddalore.

- 5.Hindustan Zinc Ltd., Chittorgarh, Rajasthan.
- 6.TCL, Mithapur.

YEAR 2006

- 1.Sterlit Industries, Tuticorin, T.N.
- 2.Sterlite Industries, Tuticorin.
- 3.HLL Pondicherry.
- 4.HLL, Sumerpur
- 5.Hindustan Zinc Oxygen Line, Chittorgarh, Rajasthan.
- 6.Sandoz (P) Ltd.Mumbai, Maharashtra.

YEAR 2007

1. HUL, Chorwad, Gujarat.
- 2.ST-GMS, Uthangal, T.N.
- 3.Chemplast Sanmaar Karaikal. Pondicherry.
- 4.Hindustan Zinc Ltd., Chittorgarh. (Propane gas tapping)
5. HZL. Chittorgarh, Ausmelt furnace.
- 6.HUL, Kandla, Nitrogen Distribution system
7. HLL, Etah, U.P Tea Plant/Ammonia Refrigeration Section.

YEAR 2008

1. IOCL Pipeline Dn., ATF receiving facilities. Devanahalli, Karnataka.
2. HLL, Pondicherry, Storage facilities.
3. HZL, Oxygen plant, Chittorgarh
4. TCL Haldia.

YEAR 2009

1. BHEL, Hyderabad for IOCL Vadodara.(HAZOP & HAZAN STUDIES.)
- 2 .Hindustan Uni Lever Etah U.P Spin Flash Dryer. .
3. Thirumalai Chemicals, Ranipet, T. N
4. Hindustan Unilever Doom Dooma, Assam, Personal Products Factory.

7.0 ELECTRICAL SAFETY AUDIT

YEAR 1987 - 89

1. Indian Oil Company -Shakur Basti Oil Terminal- Sakurbasthi - Delhi.
2. A number of Oil Depots and Terminals of Indian Oil Company – Northern Region

YEAR 1990

1. IOC, LPG Bottling Plant, Ajmeer.

YEAR 1991

1. IOC, AFS. Meenambakkam., Chennai

YEAR 1993

1. Bharat Petroleum Corporation (BPCL),. Tondiarpet, Chennai

YEAR 1995

- 1.IOC Coimbatore, Tamil Nadu
- 2.IOC, Bangaalore Terminal. Bangaalore, Karnataka
- 3.IOC, Southern Region. Neyveli, Tamil Nadu and Vizag (Andhra Pradesh)
- 4.IOC, Korukkupet, Chennai. TN.
- 5.IOC, Foreshore estate, Chennai.
- 6.IOC, Tuticorin Terminal., T.N
- 7.IOC, Visakapatnam. A.P.
- 8.IOC, Tondiarpet, Chennai.
- 9.IOC Weshill
- 10.IOC, Hyderabad- A.P.
- 11.IOC, Tiruchirapalli, T.N.

YEAR 1996

- 1.BPCL,Tondiarpet.Chennai
- 2.BPCL Chennai
- 3 BPCL, Tondiarpet, Chennai
4. Mangalore Refineries & Chemicals Limited

YEAR 1997.

1. BPCL,Korukkupet Terminal, Chennai.
2. BPCL,Airport installation, Tirupathi. A.P.
- 3 .IOC, Mangalore Terminal, Karnataka.

- 4 IOC, Sankari Depot, T.N.
5. IOC, Tiruchi, T,.N.
6. IOC, Royapuram Terminal, Chennai.
7. IOC, Sanal Nagar, T.N.
8. IOC Irugur Depot. T.N.
9. IOC, Cannalore, Kerala.
- 10 BPCL.AFS, Bangalaoe, Karnataka.
- 11 IOC, Palakkad, Kerala.
- 12 IOC, Bangalore, Karnataka.
- 13 IOC Depot
- 14 IOC, Erode. T.N.

YEAR 1998

1. IOC Belgaum Depot, Karnataka
2. IOC, Tuticorin Terminal
3. IOC, Shimoga Depot, Karnataka.
4. IOC, Vilangudi Depot, T.N.
5. IOC, Tadapali Depot, A.P.
- 6 IOC, Rajamundhri Depot, A.P.
7. IOC, Warangal Depot. A.P.
8. IOC, Karwar Bunkering installation, Karnataka.
9. IOC, Navalur depot. T.N.
10. IOC, Visakapattinam, A.P,
11. IOC, Tondiarpet. Chennai.
12. IOC, Trichy. T.N.
13. IOC, Gundakkal. A.P.
14. IOC, Nizamabad. A.P.
15. IOC, Kollam, Kerala.
16. IOC, Foreshore Estate, Chennai.
17. IOC, Fishing Harbour Terminus
18. IOC, Bijapur.
19. IOC, Neyveli. T.N.

YEAR 1999

1. IOC Tondiarpet, Chennai.
2. Cairn Energy India Pty Ltd., Chennai.
3. BPCL, Tondiarpet, Chennai.

YEAR 2000

- 1.BPCL Aviation Fuelling station, Tirupathi. A.P.
- 2.BPCL, Trivandrum, Kerala.
- 3.Orchid Chemicals.

YEAR 2001

1. Cairn Energy India Pty Ltd., Chennai

YEAR 2002

- 1.. Kothari Sugars & Chemicals, Manali. Chennai.

2. Cairn Energy India Pty Ltd., Chennai
3. BPCL Aviation Fuelling Station, Tirupathi. A.P.
4. BPCL, Aviation Fuelling Station, Trivandrum, Kerala.

YEAR 2003.

1. IOC, Bangalore Division 4 outlets. Karnataka.

YEAR 2005

1. Coramandal Fertilisers.Visakapatnam, A.P.

YEAR 2006

1. BPCL, Warangal Installation, A.P.
2. BPCL, Irupanam, Kochi. AKerala.
3. BPCL, Irugur, CBE, T.N.
4. BPCL Trivandrum, Kerala.
5. BPCL, Ongole, A.P.
6. BPCL, Tirunelveli. T.N.
7. BPCL, Devanagandhi, Karnataka.
8. BPCL, Vijayawada. A.P.
9. BPCL, Raichur. Karnataka.
10. BPCL, Mangalore, Karnataka.
11. BPCL, Kakinada Coastal, A.P.
12. BPCL, Visakapattinam, A.P.
13. BPCL, Desur, Belgaum, Karnataka.
14. BPCL, Tada, A.P.
15. BPCL, Tondioarpet, Chennai
16. BPCL, Cherlapalli, Hyderabad, A.P.
17. Tuticorin Alkali Chemicals & Fertilisers Ltd., Tuticorin. T.N.
18. Chemplast Sanmar II, T.N.

YEAR 2007

1. Tuticorin Alkali Chemicals & Fertilisers Ltd., Tuticorin. T.N.
2. Hindustan Lever Ltd., Cuddalore.
3. Orchid chemicals, Alathur, Lightning Conductor Study.
4. ST.CMS, Uthangal, T.N.

YEAR 2008

1. BPCL, Chennai. For 20 locations.
2. Foster Wheeler India (P) Ltd., Chennai.
3. Asian Paints, Sriperumbudur, T.N. Lightning study & Lightning survey.
4. Actavis Pharma Manufrs. Pvt. Ltd., Alathur, T.N.
5. Essar House, Mumbai. (Fire cum Elec)
6. IPCA Laboratories Indore.

YEAR 2009

1. Symrise (OP) Ltd., Chennai.
2. IOB, Chennai-2
3. IPCL Laboratories Aurnagabad, Maharashtra.
4. Pachim Chemicals, Aurangabad, Maharashtra
5. EXON Labs, Raigod.
6. Piramal Healthcare Ltd. Ennore, Chennai
7. Foster Wheeler
8. BPCL. Chennai- 3 Stations, Trivandrum, Tirupathi & Calicut
9. HPCL. Vishakapatnam Vijayawada, Secunderabad Pipeline, Secunderabad Receiving Station.
10. HPCL. Vishakapatnam Vijayawada, Secunderabad Pipeline, Rajamundhri Booster Station.
11. HPCL. Vishakapatnam Vijayawada, Secunderabad Pipeline, Suryapet Booster Station.

We have carried out Electrical safety Audit for all such companies as part of Safety Audits carried out for them

8.0 SAFETY TRAINING COURSES

1. Symrise, Chennai.
2. Tagros, Cuddalore.
3. Sterlite Industries Limited, Copper Division, Tuticorin, TN
4. Finolex Industries Limited, Ratnagiri, Maharashtra
5. RAASI Cements, Vishnupuram, AP
6. Pond's India Limited (Now amalgamated with Hindustan Lever Limited) for their units at:
 - * Chennai
 - * Pondicherry
 - * Ooty (Mushroom Division)
 - * Kodaikanal (Thermometer Division)
7. Indo Gulf Fertilizers and Chemicals Corporation Ltd., Jagdishpur, U.P.
8. Nagarjuna Fertilizers and Chemicals Limited., Kakinada.
9. Coramandel Fertilizers Limited, Visakhapatnam.
10. Zuari Agro Chemicals Limited, Goa.
11. Mangalore Chemicals and Fertilizers Limited., Mangalore.
12. Godavari Fertilizers and Chemicals Limited., Kakinada.
13. Gujarat State Fertilizers Company Limited., Vadadora.
14. Madras Fertilizers Limited, Madras.
15. FACT, Cochin Division.
16. KRIBHCO, Surat.
17. Indian Farmers Fertilisers Cooperative Limited (IFFCO) for their Head Office and units at
 - * Kandla
 - * Kalol
 - * Phulpur and
 - * Aonla
18. Fertilizer Corporation of India (FCI) Limited for their units at
 - * Sindri
 - * Gorakhpur
 - * Talcher and
 - * Ramagundam

19. Hindustan Fertilizers Limited (HFL), for their units at
 - * Haldia
 - * Durgapur and
 - * Barauni
20. Tuticorin Alkali Chemicals and Fertilizers Ltd., Tuticorin.
21. SPIC, Tuticorin.
22. National Fertilizers Ltd for their units at
 - * Panipat
 - * Bhatinda
 - * Nangaland
 - * Vijaipur
23. National Thermal Power Corporation Limited (NTPC) for their units at
 - * Kayamkulam
 - * Korba
 - * Farakka
 - * Rihand
 - * Unchar
24. Tata Chemicals Ltd., Mithapur.
25. Hindustan Levers Limited, Haldia.
26. Gujarat Heavy Chemicals Ltd., Veraval, Gujarat.
27. Hindustan Insecticides, Alwaye, Kerala.
28. TCC, Alwaye.
29. Essar Steel, Hazira, Gujarat.
30. Vikram Ispat, Village Salav, Maharashtra.
31. Madras Refineries Limited, Madras.
32. Cochin Refineries Limited, Ambalamugal.
33. Indian Petrochemicals Limited, Baroda.
34. UB Petroproducts Limited, Madras.
35. Neyveli Lignite Corporation., Neyveli, Tamil Nadu.
36. Coal India Limited., Dankuni.
37. JK Synthetics, Kota, Rajasthan.
38. TANFAC, Cuddalore, Tamil Nadu.
39. Bombay Dyeing, Patalaganga.
40. ONGC Cauveri and Krishna Godavari Project.
41. The Andhra Pradesh Paper Mills Ltd., Rajahmundry, A.P.
42. Kothari Sugars and Chemicals Ltd., Karaikal.
43. Vanavil Dyes and Chemicals Ltd., Cuddalore, Tamil Nadu.
44. Balmer Lawrie and Company Ltd., Madras.
45. Lucas-TVS Limited, Madras.
46. Chemfab Alkalies Limited, Pondicherry.
47. Kerala Minerals and Metals Limited, Quilon.
48. Balcke-Durr and Wabag Technologies Limited (BDWT), Chennai, 1999
(Office Safety)

9.0 ON / OFF SITE EMERGENCIES.

YEAR 1989

1. Environmental Impact Assessment of Addl. 12 MW CPP, FACT. Kerala.

YEAR 1992

1. Tamilnadu Newsprints and Paper Mills Ltd., Pugalur, T.N.
2. Neyveli Lignite corporation, Neyveli, T.N.

YEAR 1993

1. Mohan Breweries and Distilleries Ltd., Chennai

YEAR 1995

1. Balaji Distilleries Ltd., Chennai.

YEAR 1998

1. South Eastern Coal Fields, Dunkani.
2. DCW Ltd., Sahupuram, T.N.
3. Rajshree Gases, Jagdishpur.

YEAR 1999

1. Dunkani Coal Complex.
2. Ind-Ital Chemicals.
3. Balkie DURR and WABAG Technologies Ltd., Chennai.
4. BPCL, Tondiarpet, Chennai.

YEAR 2001

1. SWIL Ltd., Copper Division, Jaghadia.
2. Sri Balaji Gas Bottling Company, Erode.

YEAR 2002

1. Tanfac Cudalore, T.N.
2. CALAC, Cuddalore, T.N.
3. Indogulf Fertilisers, Jagdishpur
4. BPCL, Tondiarput, Chennai.

YEAR 2003

1. DCW Ltd., Sahupuram, T.N.

YEAR 2004

1. Tanfac, Cuddalore, T.N. ON SITE
2. Paradeep Phosphates, Orissa.. ON SITE.
3. BPCL, Tondiarpet , Chennai.

YEAR 2005

1. HPCL, Salem, ON SITE
2. BPCL, KarurON SITE
3. Nicholas Piramal India Ltd., Indore- ON Site.

YEAR 2006

1. BPCL, Irugur, T..N. OFF SITE
2. HPCL, Irugur, T.N. OFF SITE
3. IOCL, Irugur, T.N. OFF SITE
4. IOCL, Bottling Plant, CBE. TN. OFF SITE.

YEAR 2007

1. Monsanto India Ltd., Lalgadialpet, Hyderabad. ON SITE
2. Coimbatore Industrial Area. CBE, T.N. OFF Site.
3. IOC Sankari Depot. T.N. ON SITE.
4. IOC Padalam T.N. OFF SITE.

YEAR 2009

1. Chemplast India , PVC Plant Cuddalore, T.N. OFF SITE.
2. Chemplast India , PVC Plant Cuddalore, T.N. ON SITE.

10.0.SAFETY REPORTS

1. Hindalco Industries Limited, Renusagar Power Division, 2003
2. Godavari Fertilizers and Chemicals Limited (GFCL), Visakhapatnam, 1994
3. Gujarat State Fertilizers & Chemicals Limited (GSFC), 1996-97
4. Godavari Fertilizers and Chemicals Limited (GFCL), Kakinada, 1994
5. Tanfac Industries Limited, Cuddalore, 1998
6. Tata Chemicals Limited, Mithapur, Gujarat,2005
7. Tagros Chemicals India Limited, Cuddalore, Tamilnadu, 2005

11.0 SAFETY MANUALS

1. SWIL Limited, Jaghadia
2. TANFAC Industries Limited, Cuddalore

12.0 FIRE MANUALS

1. Tamil Nadu Electricity Board (TNEB)
2. SWIL Limited, Jaghadia

13.0 ENVIRONMENTAL IMPACT ANALYSIS

1. 12 MW Power Plant of FACT, (Cochin Division) Cochin.
2. LPG Bottling Plant of Indian Oil Corporation (IOC) Ltd., at Ennore, Chennai.
3. Expansion Project of (BPCL), Tondiarpet Installation, Chennai.
4. Calac Private Limited, Cuddalore
5. SRF Limited, Manali for their expansion project

14.0 ISO 14001 & OHSAS 18001 IMPLEMENTATION

ISO-14001

1. Dishman Chemicals & Pharmaceuticals, Ahmedabad, Naroda Plant
2. Dishman Chemicals & Pharmaceuticals, Ahmedabad, Bavla Plant

ISO-18001

1. Dishman Chemicals & Pharmaceuticals, Ahmedabad, Naroda Plant- OHSAS
2. Dishman Chemicals & Pharmaceuticals, Ahmedabad, Bavla Plant- OHSAS
3. Tata Chemicals Limited, Chemicals Division, Mithapur – OHSAS

15.0 BLAST WALL DESIGN

1. DCW VCM INSTALLATION in Tuticorin Port Area.
2. Weinerberger Brick Industry. Bangalore Blast Wall (LPG storage)

16.0 FIRE SAFETY AUDIT

- 1 .Orchid chemicals, Aurangabad.
2. National Thermal Power Coroporation, Kayanjulam
- 3 .Essar Steels, Mumbai
4. Tata Chemicals, Fire Risk Aessment.
- 5..Essar Steels,Vizag
- 6..Essar Steels, Hazira
7. TCL Mithapur, Fire Risk Assessment.
- 8 GMR Technologies. Srikakulam

17.0 ACCIDENT INVESTIGATION

1. Hawshin Automatic Industries Limited, Sriperambadur, Chennai.
2. Tagros Chemicals Limited, Cuddalore.
3. Pond's India Limited – Ooty Plant
4. Indogulf Fertilisers, Sultanpur
5. National Fertilizers, Panipet
6. Gwalior Rayons, Gwalior
7. Thirumalai Chemicals, Ranipet.
8. Nicholas Parimal, Mumbai
9. Vikram Ispat, Alibag
- 10.Orchid Chemicals and Pharmacheuticals, Chennai

18.0 TROUBLE SHOOTING AND REPAIR OF EXPLOSION PROOF MOTOR

Caltex Gas India limited at Tuticorin is unloading imported LPG from ship at Tuticorin Terminal. Their plant came under standstill condition due to failure of unloading HT Compressor drive Motor. Arrangements were made to put the plant on line at the shortest possible time. New motor from Germany was purchased which had also given heavy vibration problem. After studying the vibration problem was rectified and old 500 KW. Flame proof motor of German make was repaired

successfully

19.0 HAZARDOUS AREA CLASSIFICATION.

1. TCL Mithapur. Gujarat.
2. ST-CMS, Uthangal
3. MCF, Mangalore., Karnataka.
4. Fosroc Chemicals India (P) Ltd, Bangalore, Karnataka

20.0 INSPECTION & ISSUE OF SAFETY CERTIFICATES UNDER RULES 18,19,33 & 44 OF SMPV (U) RULES, 1981

1. SPIC Pharmaceuticals Division – Cuddalore
2. Manali Petrochemical Ltd., I & II Manali
3. Caparo Engg. India Pvt. Ltd., Sunguvarchatram.
4. Goyal MG Gases Pvt. Ltd., Ambattur Chennai.
5. Goyal MG Gases Pvt. Ltd., Thuvakudi Trichy
6. Arkema Peroxides India Pvt Ltd., - Cuddalore
7. Bunge India Pvt. Ltd., - Tiruchirapalli
8. Caltex Gas India Pvt. Ltd., Tuticorin
9. SRF Ltd., Viralimalai
- 10.. Nagarjuna Fertyilisers Ltd., Kakinada
11. Chemplast Sanmar Ltd.,
12. Tamilnadu Industrial Explosives Ltd., Vellore
13. Trichy Oxygen Ltd, Trichy.

21.0 FIRE RISK ASSESSMENT

1. Tata Chemicals Ltd., Mithapur, Gujarat.
2. Paradeep Phosphates, Paradeep, Orissa.
3. Hindustan Lever Limited, Personal Product Division, Chrompet, Chennai.
4. Audco India Limited, Poonamallee High Road, Chennai.
5. GMR Industries, Srikakulam, Andhra Pradesh.
6. Neyveli Lignite Corporation, Power Plants, Neyveli.
7. Mangalore Chemicals & Fertilisers Limited, Mangalore.
8. TATA Chemicals Ltd., Mithapur – Gujarat
9. Praxair India Ltd., SGGI Plants, Sriperumbudur

22.0 LIGHTING STUDY &

LIGHTNING SURVEY

1. Asian Paints Ltd., Sriperumbudur, TN
2. Kothari Sugars **Protection System Against Lightning**

23.0 OTHER ASSORTED JOBS

- | | |
|--------------------------------------|--|
| 1 Hwashin Automative India (P) Ltd., | Investigation Report Ed Baking Oven |
| 2 Caltex Gas India Chennai | Survey Report On Flame Proof Elec. Eqpts |
| 3. Hul Khamgaon | Consequence Analysis Report |
| 4. Chemplast Sanmar II Mettur Dam. | MCACA |
| 5. Madura Coats (P) Ltd , | Job Safety Analysis |
| 6. IOC Tuticorin Pocket. Tuticorin | Hazards Analysis Report |
| 7. Orchid Chemicals | Safety Assessment Report |
| 8. Tata Chemicals Ltd.,Mithapur | Improvement Needed On Existing FH System |
| 9. Nicholas Piramal Mumbai | Report On Acetylene Cylinder Fire Incidents |
| 10, Tagros Cuddalore | MCACA |
| 11 .Nicholas Piramel Medak | Infra Red Thermo graphic Study. |
| 12. Dilshan Pharma | Process Hazard Study |
| 13. Tagros Cuddalore | Safety Manual- |
| 14. Caltex India Ltd., Tuticorin. | HT compressors removal etc., |
| 15..Essar Steels Ltd., Hazira, | QRA. |
| 16. TCL, Mithapur, | Electrical Risk Assessment. |

Apart from the stand alone Electrical Safety Audit carried for the organizations mentioned above, we have also carried out Electrical Safety Audit for the following organizations as part of the Safety Audit.

- 1.Tata Chemicals Ltd.,
- 2.Indo Gulf Fertilisers Ltd.,
- 3.Orchid Chemicals Ltd.,
- 4.Essar Steels Ltd.,
- 5.Tagros Chemicals Ltd.,
- 6.Manali Petrochemicals Ltd.,
7. Tamilnadu Petroproducts Ltd.,
- 8.SRF Ltd.,
- 9.Paradeep Phosphpates Ltd.,
- 10.Mangalore Chemicals & Fertilisers Ltd.,
- 11.ST-CMS, Neyveli.
12. DCW Ltd.,

