

NOTE:- All the concerned are requested to refer original Hon'ble High Court orders and documents available with the Board offices for drawing any conclusion/ decisions with regard to audit scheme as for all practical and legal purpose, the original orders and documents will be taken into consideration.

List of Schedule I Environmental Auditors
The Env. Auditors for industries falling in Sch. I & II.
Recognised by GPCB, Gandhinagar.

THE PERIOD OF APPOINTMENT FOR ALL THE AUDITORS STATED BELOW IS TWO YEARS FROM THE DATE OF APPROVAL, HOWEVER PLEASE CHECK WHETHER ANY AUDITOR HAS VALID REORGANIZATION BEFORE ENGAGING HIM FOR ENVIRONMENT AUDIT WORK.

Region : Ahmedabad,

Sr.No.	Name and address of the Auditor	Phone Number	Fax Number
1.	Ahmedabad Textile Industries Research Association (ATIRA), (Environmental Div) Ambawadi, Ahmedabad-380 015.	079-26307921	079-26302874
2.	Nirma Institute of Technology, Sarkhej Gandhinagar Highway, Ahmedabad.	02717-241911	02717-241917
3.	Gujarat Industrial and Technical Consultancy Organisation Ltd., GITCO HOUSE, Opp. Sardar Patel Stadium, Navrangpura, Ahmedabad. 380 009.	079-26569617	079-26565279
4.	Ahmedabad Textile Industries Research Association (ATIRA), (Chemistry Division) Ambawadi, Ahmedabad-380 015.	079-26307921	079-26302874
5.	L. D. College of Engineering, Environment Engineering Dept. Opp. Gujarat University, Navarangpura, Ahmedabad - 380015	079-26306752	079-26302479
6.	L. .D. College of Engineering, Chemical Engineering Dept. Opp. Gujarat University, Navarangpura, Ahmedabad - 380015	079-26306752	079-26302479

Region : Vadodara

Sr. No.	Name & address of the auditors	Phone No.	Fax No.
1.	Environmental Engineering Department, M.S. University of Baroda, Vadodara – 390 001.	0265-2434188	2423898
2.	S.V.P. Institute of Technology, Vasad – 388 306.	02692-274766	02692-274540
3.	Dharmsinh Desai University, College Road, Nadiad-387001.	0268-2520502	0268-2520501
4.	Birla Vishvakarma Mahavidyalaya	02692-	02692

	Engineering College, Vallabh Vidyanagar – 388 120.	230104	230762
5.	Sophisticated Instrumentation Centre for Applied Research & Testing, (SICART), Charotar Vidya Mandal, Vallbh Vidyanagar.	02692-234966	02692-238355

Region : Bharuch, Surat

Sr. No.	Name & address of the auditors	Phone No.	Fax No.
1.	Shri Sad Vidya Mandal Institute of Technology, Bharuch 392 001.	02642-245864	0261-249601
2.	Man Made Textiles Research Association (MANTRA), Near Market telephone Exchange, Ring Road, Surat.	0261-2323211	0261-2322500
3.	Shree Tapi Bhamcharyashram Sabha College of Diploma Engineering, Opp.Spinning Mill, Varachha Road, Surat-395006.	0261-2571671	0261-2570224
4.	Civil Engineering Department, Sardar Vallabhbhai National Institute of Technology, Surat - 395007	0261-2223371	0261-2201624
5.	Chemical Engineering Department, Sardar Vallabhbhai National Institute of Technology, Surat - 395007.	0261-2223371	0261-2227334
6.	Sarvajanic College of Engineering & Technology, Environmental Technology, SURAT	0261-5599612	0261-2667734
7.	Sarvajanic College of Engineering & Technology, Chemical dept., SURAT	0261-3667796	0261-3660099
8.	N. G. Patel Polytechnic, At. ISROLI, Vil. Vakaner, Bardoli – Navsari road, Bardoli, SURAT. 394620	02622-223841	02622-227613
9.	Vidhybharti Trust Institue of Technology & Research Centre,Umrakh, Bardoli Mota Road, Ta.Bardoli, Dist.:Surat.	02622-220581	02622-225458

Region : Saurashtra

Sr. No.	Name & address of the auditors	Phone No.	Fax No.
1.	Central Salt & Marine Chemicals Research Institute, Gujubhai Badheka Marg, Bhavnagar – 364 002.	0278-2567760	0278-2567562
2.	Atmiya Institute of Technology & Science, Yogidham, Kalawad Road, Rajkot.	0281-2563445	0281-2563766
3.	Civil Engineering Department, VVP	0281-	0281-

	Engineering College, Virda-Vajdi, Kalawad Road, Rajkot – 360 005.	2783394	2783487
4.	R.K.College of Engineering & Technology, Bhavnagar Highway, Kasturba Dham,Rajkot.	0281- 2785116	0281- 2785115

List of Schedule II Environmental Auditors

(For carrying out Environmental Audit of industries falling in Schedule II only)

Recognised by GPCB, Gandhinagar.

THE PERIOD OF APPOINTMENT FOR ALL THE AUDITORS STATED BELOW IS TWO YEARS FROM THE DATE OF APPROVAL, HOWEVER PLEASE CHECK WHETHER ANY AUDITOR HAS VALID REORGANIZATION BEFORE ENGAGING HIM FOR ENVIRONMENT AUDIT WORK.

Region : Ahmedabad

Sr. No.	Name & address of the auditors	Phone No.	Fax No.
1.	Anand Consultants, 16, Everest Tower, B/h. Jain Temple, Nr. Ankur Society, Ahmedabad	27484871	079-27480116
2.	Ramans Consultancy Services Pvt. Ltd, 2 nd floor, Camps Corner, Nr. Auda Garden, Pralhad Nagar, Ahmedabad.	26937472	079-40064440
3	Akshar Consultant, 813, Sakar V, Behind Natraj Cinema, Off. Ashram Road, Ahmedabad.	26583525	079-26583525
4.	Metro Envirochem Associates, 55, Hirabhai Market, D.B.Road, Kankaria, Ahmedabad.	25460862	079-25464832
5.	Gujarat Laboratory, F-17, Madhavpura Market, Shahibaug, Ahmedabad.	25626040	079-25624821
6.	Emission Monitoring Services, C-407, 412, Supath-II, Nr. Old Vadaj Bus Stand, Ashram Road, Ahmedabad.	27560808	emsprakash@gmail.com
7.	Excel Envirotech, C-1, Samay Appartment, Behind NID, Opp. Museum, Paldi, Ahmedabad-380007.	079 22140279	079-26642966
8.	Akshat Consultants, 307,214,213A, Akshar Arcade, Opp. Memnagar Fire Station, Dr.SR Road, Ahmedabad – 380 014.	26401169	akshat_consultants@yahoo.com
9.	Microvision Enviro Projects Pvt. Ltd, 306, Sukhsagar Complex,Usmanpura, Ashram Road,Ahmedabad – 013.	27550081	079 -27550081
10.	Supreme Envirocare, G-40, Rudrax Complex 2, Opp. Annapurna Restaurant, Vatva, Nr Jashodanagar Cross Road, Ahmedabad – 445	25895975	g40supreme@yahoo.com

11.	San Envirotech Pvt. Ltd., 424, Medicine Market, Opp. Shefali Center, Paldi cross Road, A'bad – 380006	26583077	079-26583099
12.	Vaibhav EnviroConsultant 303,3 rd floor, Sahajanand shopping centre, Near police commissioner office, Shahibaug Road A'bad -380004	25624555	079-25624646
13.	T. R. Associates, 42, Angle Arcade, 4 th floor, Opp. Shakuntal Bunglow, Near Bhuyangdev Char Rasta, Sola Road, A'bad -380061	27410002	079-27410002
14.	Bhagwati Envirocare Pvt. Ltd., 28, 29,30, Parmeshwar Estate II, Opp. Amco bank, Phase- I, GIDC Vatva, A'bad- 382445	29295043	079-25890353
15.	Go Green Mechanisms Pvt. Ltd., (Lab.) 3, Sanskar-I, Near Ketav Petrol Pump, Ambawadi A'bad, 380015	26861621	079-26860569
16.	Environmental Projects Management Pvt. Ltd. 306, Earth Complex, Near Seema Hall, 100 Ft. Road, Satellite, Ahmedabad.	079 40066598	079 -26931288
17.	Shriji EHS Management Services, 13, Dharnidhar Society, Vikas gruh, Paldi.	9429388794	079-26636701
18.	Prism EHS Centre, F/ 101, Rudraksh Complex-I, Besides Syndicate Bank, Near Jasodanagar cross road, Vatva, Ahmedabad.	-	-

Region : Surat

Sr. No.	Name & address of the auditors	Phone No.	Fax No.
1.	R & D Consultant, 9/2084, Gopi Sheri, Barnpuri Bhagal, Surat – 395 003.	0261- 2457720	0261- 2457720
2.	Pollucon Laboratories Pvt. Ltd., 544, Belgium Tower, Ring Road, Surat – 395 003.	0261- 2455751	0261- 2455751
3.	Eco System Resource Management Pvt. Ltd., Office Floor, Ashoka Pavillian –A, Opp. Kapadia Health Club, New civil Road, Surat.	0261- 2231630	0261- 2231630
4.	Earth Care Laboratories, B-1/106, 1 st Floor, Pushpraj Appt., Khatodara, Surat	0261- 2630097	0261- 2630097
5	S.N. Hirpara 406-B, Centre Point, Opp. New Civil Ring Road, Surat.	0261- 2460493	0261- 2460493

6	Global Environment Consultant & Engineers, 649-650, Japan Market, Beside Belgium Square, Ring Road Surat.	0261- 3914773	0261- 2401141
7	Kalpataru Pollution Control, 6th Floor, 606-B, Centre Point, Opp. New Civil Ring Road, Surat.	0261- 3246616	0261- 3043543
8.	Envirocare Engineers & Consultant, 201, New Opera House, Khatodara, , Surat	0261- 2630781	0261- 2630781
9.	En-vision Enviro Engineers Pvt. Ltd, 208, G-Tower, Shankheshwar Complex, Above Girish Group of Hospitals, Sagrampura, Surat – 395 002.	0261- 2470653	0261- 2478518
10.	Aqua-Air Environmental Engineers Pvt. Ltd, 403, Centre Point, Nr. Kadiwala School, Ring Road, Surat – 002.	0261- 2460854	0261- 2707273
11	En- Pro Enviro Tech & Engineering Pvt. Ltd., 306, Royal Park, Adajan Road, Surat. 395 009	02261- 3295244	0261- 2786129
12	Detox Corporation Pvt. Ltd., 3 rd Floor, K.G.Chambers, Opp.Gujarat Samachar Press, Udhna Darwaja, Ring Road, Surat.	0261- 2351248	0261- 2354068

Region : Saurashtra

Sr. No.	Name & address of the auditors	Phone No.	Fax No.
1.	Comet Consultancy Services, 201-202, Sterling Appt. 1 st floor, Jawahar Road, Rajkot -1.	0281-2226399	0281-2226399
2.	Royal Environment Auditing & Consultancy Services, 6, Umakant Pandit Udyog nagar, Mavdiplot, Rajkot -4.	0281- 2364734	0281-2368133

Region : Vadodara

Sr. No.	Name & address of the auditors	Phone No.	Fax No.
1.	Paramount Limited, Paramount Complex, Gotri Roadm Race Course, Vadodara-390 007.	0265- 2397111	0265- 2398251
2.	Kadam Environmental Consultant, 817/B/3, Nr Himalaya Machinery, GIDC Makarpura, Vadodara 390 010.	0265- 2644909	0265- 2638411
3.	Eco Care Solutions, 40-A, First Floor, Mira Society, Diwalipura, Vadodara 390 007.	0265- 2356752	0265- 2356752
4.	Green Circle Inc., 401-402, Opp. Kalpvruksh Complex, Reign plaza, Gotri Main Road, Vadodara	0265- 2358018	0265- 2358037
5.	Prakruti Environmental Engineers,	0265-	0265-

	1, Utkanth Society, B/h. Alkapuri Club, Alkapuri, Vadodara - 007.	2356171	2331854
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Region : Bharuch-Ankleshwar

Sr. No.	Name & address of the auditors	Phone No.	Fax No.
1	Subh Enviro Research Lab, Plot No. C-3/3, Shop No. 4, Near State Bank of India, GIDC Ankleshwar	02646- 224805	02646- 224805
3.	Poll Cont Associates, Plot No. 3702, Opp. ETL, GIDC Ankleshwar – 393 002.	02646- 250747	02646- 239898
4.	Jyoti Om Chemical Research Centre Pvt. Ltd, K-1, 7705/2-4, GIDC Estate, Ankleshwar – 393 002.	02646- 220293	02646- 239454

Region : Vapi

Sr. No.	Name & address of the auditors	Phone No.	Fax No.
1.	Clean Enviro Projects Consultancy Pvt. Limited, C-5/14, 2nd Floor, Vikas Chamber, Behind GIDC Office, New Telephone Exchange Road, GIDC Vapi, Valsad.	0260- 2432883	0260- 2432883
2.	Precitech Laboratories, 106, Aamir Complex, Char Rasta, Silvassa Road, Vapi – 396 191.	0260- 2420995	0260- 2425542
3	Unistar Environment & Research Labs Pvt. Limited, 215, Royal Arcade, Near GIDC, Char Rasta, Vapi – 396 195.	0260- 2433966	0260- 2425610

IMPORTANT NOTE:

- **The maximum period shall be three years for an industry to engage an environment auditor. In other words, auditor shall not audit the same industry/ common facility and submit reports for it for a period of more than three years.**
- **Environment Auditor shall not involve in supply of material and or equipment, utilities etc. related to Environment management system.**
- **All concerned i.e. CETPs/TSDFs & Industries falling in Schedule-I & II are advised to fully ensure that the auditor being engaged by them has valid reorganization while being appointed and also for the entire audit period. The Board will not accept EARs from any auditor (schedule-I & II) if the particular auditor is derecognized or is directed not do Environment audit work or it reorganization is put under abeyance.**
- **All auditors must strictly follow and adhere to all the guidelines prepared by GPCB and circulated to them while doing Environment Audit.**
- **The Auditor shall accept the offer for the Environment Audit for Industries/TSDFs/ CETPs only if; it has valid reorganization while being appointed & also during the entire audit period.**
- **Schedule- I auditor shall not use any facility for analysis, monitoring use of instrument etc. for the Environment Audit from any Schedule –II auditor. They may however take the help of any Schedule- I auditor for this purpose.**

APPLICATION FORM

Date:

To,
The Member Secretary,
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sectro-10 A,
Gandhinagar – 382 043

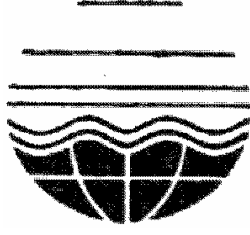
Sub. : Application for ENVIRONMENTAL AUDITOR.

1	Names of the firm: Address with pin code: Telephone: Fax:			
2	Names of the Laboratory: [if different] of the firm: Address with pin code: Telephone: Fax:			
3	Names, experience and technical qualifications of members of each Team of Auditors			
	Name	Designation	Qualification	Experience
3.1	A person possessing a degree in Environmental Engineering awarded by a University recognized in India or abroad.			
3.2	A person possessing a degree in Chemical Engineering awarded by a University recognized in India or abroad.			
3.3	A person possessing a degree in Chemistry awarded by a University recognized in India or abroad.			
3.4	A person possessing a degree in Micro Biology awarded by a University recognized in India or abroad.			
Note : 1. The Team shall have at least two members possessing any one or more of the aforesaid qualifications, with a minimum of one year's experience in environmental management systems related to chemical industry. 2. Rs.20,000/-, non refundable application scrutiny fees be sent alongwith this application by DD drawn in favour of 'Gujarat Pollution Control Board' and payable at 'Gandhinagar' 3. An undertaking declaring all the four members of the team are employees/ Partner(s)/ Director(s) and not associated elsewhere be submitted on duly authenticated stamp paper of Rs.100/- 4. Separate sheet may be used, if required				

Encl.: As above.

Signature and Name of authorised person

ENVIRONMENTAL AUDIT SCHEME
AND
THE GUIDELINES FOR ENVIRONMENTAL AUDITORS



(YEAR – 2006)

Gujarat Pollution Control Board
Paryavaran Bhavan,
Sector 10-A,
Gandhinagar – 382 043

PREFACE

The state of Gujarat has natural advantages like abundance of some minerals longest coastline, number of ports etc. Besides this; easy availability of labour; peaceful industrial climate & the business acumen of the people coupled with promotional policy of Government an infrastructural facilities like power, water land and transportation lead to rapid industrialization along the golden corridor and other parts of the state. The development process was at its peak during 90's. This phenomenal growth of industries had some ill effects on environment. The state realized about these problems and was trying to tackle this issue with limited man power and infrastructure. Meanwhile; agitated by the discharge of waster water from various chemical industries situated in the industrial estates of Ahmedabad; the farmers moved Gujarat High Court through a public interest litigation in 1995.

During hearing of the public interest litigation the High Court observed that enforcing agencies were able to monitor; large number of industries scattered over different parts of the state to a limited extent only.

The Hon'ble High Court therefore thought in the interest of Justice to introduce the Environmental Audit Scheme vide the order dated 20-12-96 for industries manufacturing specified products; where qualified technical professional would become a link between the individual industries on one hand and the GPCB and other public authorities as well as association of industries on the other hand; with the added vital elements of accountability and transparency. Subsequently two more orders were passed by the Hon. High Court on 13-3-1997 and finally on 16-9-1999.

This scheme is being implemented by the Board as per the directions of the Hon. High Court issued through all the orders stated above. The Board has recognized auditors in accordance with the criteria fixed by the Board; prepared format for submission of Environmental Audit Reports; made all stakeholders aware about the Scheme; devised format for submission of adequacy and efficacy certificate about the Environmental Management System of the industry. With the help of technical committee; all auditors of environmental audit; the compliance with reference to man power and laboratory facilities of all auditors are regularly ascertained by the Board. In case of violation by any industry or auditor the punitive action are also taken.

This scheme is functioning well from last about 10 years with the working of the schedule – I and schedule - II industries by auditors recognized by GPCB. They are required to monitor and evaluate the Environmental Management System (EMS) , suggest and recommend for the improvement of EMS in industry. There are, certain positive case studies carried out by the auditors, which reflect the success of the scheme. Much more is required to improve the quality of the auditing and EMS system to fulfill the aim and goal.

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0. ENVIRONMENTAL AUDIT SCHEME.

Environmental audit is a management tool comprising of a systematic, documented, periodic and objective evaluation of how well the Environment management systems are performing with the aim of,

- Waste prevention and reduction.
- Assessing compliance with regulatory requirements.
- Facilitating control of environmental practices by a company's management and placing environmental information in the public domain.

1. OBJECTIVE OF SCHEME

The scheme was introduced with a view to:

- Enforcing discipline amongst the industries
- Arming GPCB as well as the Associations of industries in the concerned areas with the necessary information and,
- Doing regular monitoring of different industries scattered in the entire State of Gujarat with a perspective of environmental protection, & sustainable development.

2. TERMINOLOGY

For the purpose of Environmental Audit the following terminologies are used.

Auditor shall mean Environmental auditor recognized by the Gujarat Pollution Control Board.

Audit Report or 'Report' shall mean Environmental Audit Report required to be submitted under the Scheme in the prescribed format.

Environmental Management System shall include treatment plants, equipments and processes for liquid effluents, air emissions, noise, solid wastes and other pollutants. Also collection, treatment, conveyance and disposal system for such wastes and other pollutants.

An environmental audit may include environmental compliance audits, environmental site assessments, environmental risk assessments including safety & health aspects, EMS gap assessments, EMS audits, and/or internal EMS audits, with reference to pollutants.

Schedule means Schedule to this Scheme, as approved by the Hon'ble High Court & modified by GPCB from time to time.

Specified Industries shall mean industries manufacturing/processing any one or more of the products mentioned in Schedule I or Schedule II of the Hon'ble High Court order dated 13-3-97.

Specified Product shall mean products/processes specified in Schedule I or Schedule II of this Scheme.

GPCB shall mean Gujarat Pollution Control Board.

NEERI shall mean National Environmental Engineering Research Institute.

ATIRA shall mean Ahmedabad Textile Industry's Research Association.

MANTRA shall mean Man Made Textiles Research Association.

AQC shall mean Analytical Quality Control.

ASC shall mean Acetyl Sulphonyl Chloride.

CPC shall mean Copper Pthelo Cynyne.

ETP shall mean Effluent Treatment Plant.

CETP shall mean Common Effluent Treatment Plant.

TSDF shall mean treatment stabilization Disposal Facility.

Audit Team: An Audit team shall consist of 4 persons in the form of an Environmental Engineer, a Chemical Engineer, a Micro biologist and a Chemist. The details in this regard are mentioned elsewhere in the guidelines.

3 ENVIRONMENTAL AUDIT SCHEME

Applicability of the Scheme:

- (a) This Scheme shall apply to all the industrial units manufacturing and/or processing any one or more of the products mentioned in Schedule I and/or Schedule II to this Scheme, and situated in the State of Gujarat.
- (b) Any product the manufacture of which consumes the same or substantially the same raw materials consumed for the manufacture of any of the aforesaid mentioned items/products is same or substantially similar; shall also be considered to be a specified product within the meaning of this Scheme.
- (c) An industrial unit which is manufacturing or processing any of the specified products under orders of trial production (whether passed by Hon. Court or any authority) is also covered by this Scheme.
- (d) All common facilities i.e. CETPs /TSDFs etc of the state.
- (e) All other industries manufacturing products which are included by the Board in Schedule I or Schedule II as per Annexure C.

4. ELIGIBILITY CRITERIA FOR AN ENVIRONMENTAL AUDITOR.

The applicant must have manpower; experience, qualifications and laboratory facilities as stated under to qualify for an Environmental Auditor.

a) *Qualification : Each Audit team must comprise of at least four member; having following qualification.*

i) A person possessing a degree in Environmental Engineering or a degree in Civil Engineering with specialization in Environmental Engineering as an elective subject awarded by the recognized University or Institute in India or abroad.

And

ii) A person possessing a degree in Chemical Engineering/Technology awarded by a recognized University or Institute in India or abroad.

And

iii) A person possessing a degree in Chemistry or Environmental Science awarded by a recognized University or Institute in India or abroad.

And

iv) A person possessing a degree in Micro Biology/Bio-chemistry awarded by a recognized University or Institute in India or abroad.

b) *Experience:*

Out of four members at least one Engineer (Chemical or Environmental) and one scientist (Chemistry or Microbiologist) should have a minimum experience of ONE YEAR in the field of the Environmental Management System, in a chemical industry.

c) *Number of teams:*

An Auditor can have maximum three numbers of teams for audit work having man power, qualifications and experience as shown at (a) and (b). In other words no auditor shall have more than three teams having above stated qualifications and experience for the team members.

d) *Number of Audits*

No auditor shall take up more than fifteen Environmental Audit jobs per team and maximum numbers of Environmental Audit jobs to be submitted by each auditor per year shall not exceed forty five under any circumstances; irrespective of number of teams and/or team members.

e) *Laboratory :*

i) *Space:*

Each auditor must have an adequate laboratory having an area of minimum 30 Sq m for one team; 40 sq m for two teams and 50 sq m for three teams.

ii) Instruments/parameters:

The applicant shall have self reliant laboratory with duly calibrated all necessary and required instruments as per annexure A and shall have qualified and trained human resources so as to analyze the parameters shown in list annexed as per annexure B.

f) Recognition:

Each auditor whether Schedule I or Schedule II must have valid recognition from GPCB from time to time depending upon the validity of registration. No auditor shall submit Environmental Audit Report for and industry if he is derecognized as such report will not be accepted by the Board.

5. THE GUIDELINES TO BE FOLLOWED BY SCHEDULE I & II AUDITORS.

THE FOLLOWING CONDITONS MUST BE FOLLOWED BY THE AUDITORS WHILE CARYING OUT THE ENVIRONMENTAL AUDIT ? OF INDUSTRIES / COMMON FACILITIES FALLING IN SCHEDULE I AND II OF THE HON'BLE HIGH COURT ORDER DATED 13-3-97 & ALL OTHERS AS PER THE GPCB DIRECTIONS ISSUED FROM TIME TO TIME.

1. All the audit reports are to be submitted as per the format prescribed by the GPCB as per Annexure F.
2. **The EARs prepared and submitted by the auditors must be accompanied by adequacy & efficacy certificate in a format prescribed by GPCB failing which the respective industry & auditor shall be held responsible; & EAR shall not be accepted. This may also lead to derecognition of auditor and action as per para 10(a) of the High Court order dated 20-12-96 against the industries.**
3. The EARs must include at least three observations covering all the three seasons. In other words the industry under audit; shall be monitored at least thrice in a year by the auditor & the auditor shall collect at least three sets of samples of effluents (air + waste water + Solid/hazardous waste) from all discharge points & submit all data of three observations in EARs; otherwise EARs shall be considered incomplete and can be rejected.
4. The entire work of audit must be done by the auditor himself. In other words, the auditor shall be totally self sufficient and there shall be no dependence on other agencies for site visit of industries, collection of data & samples and analysis work etc and finally preparation of audit reports and there shall be no sub-contracting. Any violation in this regard shall lead to derecognition of the auditor.
5. The analysis of the effluent shall be done as per the standard methods only. In case of doubts the auditor can contact any Regional office or Head Office of GPCB.
6. The auditor must clearly report to GPCB about any inconsistency and malpractice being committed/practiced by the industry e.g. dilution of effluents, by pass of untreated effluent or any other activities which are likely to create environmental pollution problems; & contrary to the directions issued through consent orders & other letters under the different Acts; by GPCB.

7. The auditor shall thoroughly ascertain about all the products / by products manufactured by the industry & report to the GPCB immediately by verifying excise registers, usage of raw materials and other production related documents, if there are any discrepancies.
8. The auditor shall follow the lab. Manual prescribed by CPCB and & standard methods for carrying out analysis of solid/hazardous waste & leachate.
9. The auditor must ascertain & report GPCB about the compliance made by the industry of the previous year's recommendation/observations of the auditor in the EARs.
10. The auditor shall report about % reduction in steam/water consumption, power consumption & consumption of raw materials etc. carried out by the industries in its observations in the EARs compared to the previous year.
11. The auditor shall adopt AQC methods while doing analysis of effluents.
12. The auditor shall have adequate supporting technical & subordinate staff to cope with the audit work.
13. The auditor shall persue and emphasize about adoption of clean technology/cleaner production, waste minimization, waste reduction, waste exchange, reuse & recycling of effluents etc. & report about the same in EARs.
14. There are large number of industries which generates spent acid and hence correct details about treatment/disposal of the acid shall be mentioned in EARs.
15. The auditor must report about the valid CETP & TSDF membership of concerned industry in EARs.
16. The auditors must prepare the EARs of industries under audit before 31st Dec. of the particular year after including observations of the month of December and send copies of the same to industry and GPCB; before 31st January every year in next year as stated in the High Court order dated 16-9-99.
17. No auditor shall work as a consultant to the industry/group of affiliated industries where one or more directors/proprietor/partners are common; for which he is appointed / selected as an auditor. The consultancy work includes (1) analysis of effluent (waste water, air emission and solid/Haz. Waste) (2) design/operation/up gradation of Env. Management System (3) Caring out EIA, EIS studies etc.
18. The auditor shall from time to time, upgrade his competence/manpower, laboratory facilities. He shall exercise the best, precise, and accurate Analytical Quality Control (AQC) system.
19. In case of change in the man power (any member of the team); same shall be communicated to the GPCB in advance and the auditor shall also obtain the permission of the Board for its replacement.
20. No auditor shall sublet any work to anybody while doing Environmental Audit.
21. The auditor shall have to fulfill all the conditions laid down by the Hon'ble High Court and the GPCB from time to time.
22. The auditors shall prepare and submit the environmental audit report as per the directives given by the Hon'ble High Court's orders.
23. High levels of integrity, sincerity and ethics shall be maintained and followed by the auditors.

6. LIST OF AUDITORS:

At present there are two categories of Environmental Auditors : Schedule I and Schedule II auditors.

- a) A list consisting Schedule I auditors is annexed as annexure-D and list consisting the Schedule II auditors is annexed as annexure-E.
- b) Schedule I auditors have can carry out environmental audit for common facilities and industries falling in Schedule I & II of High Court order dated 13-3-97; while Schedule II auditor have to carry out environmental audit of industries falling in Schedule II only of High Court order dated 13-3-97.

7. COMPLAINTS AGAINST AUDITORS.

Complaints against the actions or conduct of a certified auditor will be reviewed and investigated by GPCB using documented procedures. A valid substantiated complaint may result in cancellation of certification/recognition.

8. ACTION/DIRECTION UPON FILING OF AUDIT REPORTS.

- A) Audit reports indicating that the industry is not meeting with the statutory provisions.

Where the audit report of a particular unit indicates that the industry does not meet with the requirements as prescribed by or under the aforesaid statutory provisions and that the industry has not complied with the terms and conditions of the consent/provisional consent./NOC and those contained in any general or special Circular/Order of the GPCB, the industry shall be liable to be subjected to appropriate directions including direction for closure or for payment of compensation for affected people and areas, betterment of environment and general monitoring subject to appropriate direction of the court and of all statutory authorities. The GPCB shall place this fact before the court by producing a report to that effect and that industry shall be liable to be subjected to appropriate directions including direction for closure and/or directions for payment of compensation.

- B) Audit Report not found correct in respect of the information supplied by the industry.

Where the audit report is found to be incorrect or inaccurate in respect of material particulars for an industry by the NEERI, GPCB or any other appropriate agency, which may be appointed by the High Court or by the GPCB, that industry shall be liable to be subjected to appropriate directions of the High Court and of all other statutory authorities, including direction for closure of that industry and / or for payment of compensation, etc.

- C) The responsibility of auditors (audit report of the auditor if found incorrect or inaccurate)

The auditor whose report is found to be incorrect or inaccurate in respect of material particulars by the NEERI, The GPCB or any other appropriate agency, which may be appointed by the High court/GPCB shall be liable to be derecognized by the GPCB or by the High Court and the report of the same auditors in respect of other industrial units shall also be liable to be rejected.

The aforesaid action shall be taken without prejudice to any other minimal or civil liability to which such auditors might have exposed themselves to.

9. SUBMISSION OF REPORTS:

- (a) Scrutiny fee:

All the specified industry shall ensure that all environmental audit reports prepared by the auditors recognized by GPCB are accompanied by appropriate scrutiny fee of Rs.20,000/- (Rupees Twenty thousand only) for industry falling in Schedule I, and Rs.10,000/- (Rupees Ten Thousand) for industry falling in Schedule II, by D/D in favor of GPCB Gandhinagar at the time of submitting to GPCB.

- (b) Existing Industries:

All the industries falling in Schedule I & Schedule II are required to submit their first and subsequent Environmental audit reports before the last date prescribed in Schedule I & Schedule II of the Hon'ble High Court Order dtd. 16/9/1999.

- (c) New/ proposed industries

All the industries & common facilities covered under Schedule I and Schedule II which may be set up in any month during a particular year shall submit EAR for a period up to 31st January of the next year; e.g. if an industry/common facility starts its production/operation in say August'06. Then it shall prepare EAR through appropriate auditor for a period of August'06 to 31st December'06 (even though it may be on trial run) and must submit EAR before 31st January'07; with necessary scrutiny fees.

10. CONSEQUENCES OF FAILURE TO FILE AUDIT REPORT

If any specified industry (industry falling in Schedule I and Schedule II of the Hon'ble High Court order dated 13-3-97) does not submit its audit report as per the time schedule prescribed in this scheme, it shall stop all manufacturing and production activity and the GIDCs/AEC/GEB shall disconnect the supply of water and electricity to such unit. The GPCB shall intimate the particulars of such defaulting units, including address and electricity meter number to the GIDC./AEC/GEB within two weeks from the date of expiry of the time limit stipulated for filing the environmental audit report. The GIDC/AEC/GEB shall comply with such intimation and disconnect water/electricity of the said unit supply within one week of receipt of such intimation.

11. NOTES AS PER ORDER DATED 13-3-97 BELOW SCHEDULE I & II

General

1. The discharge of effluent within the factory premises shall be considered as discharge unless it is being recycled.
2. If a product is found to be falling in Schedule I as well as Schedule II it shall be treated as falling in Schedule I for all purposes.
3. For the industries covered under Schedule I or Schedule II which may be set up after the date mentioned in column No 4, the first audit report shall be submitted on the next date mentioned in column No5.
4. The units manufacturing ASC and/or DASA will fall in Schedule I or Schedule II as mentioned below:

(a)	Manufacturing DASA with chlorosulphonaiton process and effluent going to CETP. (ASC is manufactured by the unit and used for captive consumption)	Schedule II
(b)	Manufacturing DASA with chlorosulphonaiton process and effluent not going to CETP. (ASC is manufactured by the unit and used for captive consumption)	Schedule I
(c)	Manufacturing DASA from ASC purchased by the unit and effluent going to CETP.	Scheme not applicable
(d)	Manufacturing DASA from ASC purchased by the unit and effluent not going to CETP.	Schedule II
(e)	Manufacturing ASC for sale or for manufacturing any product other than DASA (irrespective of effluent going to CETP or not.)	Schedule I

For item (a) the entire quantity of ASC manufactured shall have to be used for captive consumption and not to be sold out. If any quantity of ASC is sold out, the unit shall fall in item (e) i.e. Schedule I.

5. Where no quantity of effluent mentioned in Column 2 against any item in Schedule I or Schedule II the units manufacturing products rating in Column 3 or the concerned Schedule shall be covered by the Scheme irrespective of the quantity of effluent being discharged or even in case of zero effluent discharge.
6. In case any question arises whether a unit is covered by any item in Schedule I or Schedule II the question shall be decided by the GPCB.

Annexure A

List of laboratory Instruments:

- a. pH meter
- b. Balance
- c. Hot Air Oven
- d. Muffle furnace
- e. COD Assembly
- f. BOD Incubator
- g. Conductivity meter
- h. Spectrophotometer
- i. Flame Photometer
- j. Noise level meter
- k. RDS
- l. Stake Monitoring Kit
- m. Phenol Distillation
- n. Cyanide distillation
- o. Hot plate
- p. Stirrer

In addition it is desirable to have:

1. DO Meter
2. Selective Iron Electrode with meter
3. Kjeldhal Assembly (Total Nitrogen)
4. AAS (Atomic Absorption Spectrophotometer)
5. G.C.(Gas Chromatograph)
6. HPLC (High Performance Liquid Chromatograph)
7. TOC (Total Organic Carbon) Analyser.

Annexure B

Water Analysis

- a. pH
- b. Temperature
- c. Total Suspended Solids (TSS)
- d. Total Dissolved Solids (TDS)
- e. Chemical Oxygen Demand (COD)
- f. Bio Chemical Oxygen Demand (BOD)
- g. Dissolved Oxygen (DO)
- h. Conductivity
- i. Turbidity
- j. Alkalinity
- k. Oil & Grease
- l. Flouride
- m. Phenolic Compound.
- n. Sulphate
- o. Nitrite
- p. Heavy metals like Cr, Cu, As, Ni, Zn, Cd, Pb etc.

Solid

1. acidity
2. total Phenol
3. Heavy Metal viz. Cu, Zn, Pb, Ni, Cd, As, Hg, Cr, Co.
4. Total Organic Compound
5. Cyanide

Ambient Air Analysis

1. R.S.P.M.
2. S.P.M.
3. SO₂ (Sulphure dioxide)
4. NO₂ (Oxide of Nitrogen)
5. Cl₂ (Free Chlorine)
6. H₂S (Hydrogen Sulphide)
7. HCl (Hydrogen Chloride)
8. NH₃ (Ammonia)
9. CS₂
10. Acid Mist

Process stack/Vent Emission/flue gas stack emission

1. P.M.
2. SO₂ (Sulphure dioxide)
3. NO₂ (Oxide of Nitrogen)
4. Cl₂ (Free Chlorine)
5. HCl (Hydrogen Chloride)
6. NH₃
7. Hydrogen Demide
8. Br₂
9. CS₂
10. HBr (hydrogen Bromide)
11. HCN (Hydrogen Cyanide)

Annexure- C

Industries/Common facilities falling in Schedule I
(To Environmental Audit Scheme as per the H.H.C order dated 20/12/1996 and modified vide its order dated 13/03/1997)

No.	Classification of industries	Products
1	2	3
I	Dyes-Intermediates	
A)	Naphthalene based intermediates (irrespective of effluent going to CETP or not)	<ul style="list-style-type: none"> • H-acid • Diazo Naphthyl Sulphonic acid • Beta Naphthol • Alpha Naphthyl Amine • C-acid • Kale acid/European acid
B)	Naphthalene derivative based intermediates (if effluent not going to CETP)	<ul style="list-style-type: none"> • Bon Acid • K-acid • J-acid • N-M-J acid • Gamma Acid • Sulpho tobias Acid • Tobias Acid • Schaefers acid • Bronners acid
C)	Mediates	
(I)	Aniline based inter (irrespective of effluent going to CETP or not)	<ul style="list-style-type: none"> • Vinyl Sulphone • Acetyl Sulphonyl Chloride (ASC)
(I)	Aniline based intermediates mediates (If effluent not going to CETP)	<ul style="list-style-type: none"> • DASA (Manufactured using chlor-Sulphonation process)
II	PIGMENTS	
	Metal Pthalo Cyanine based (If effluent not going to CEPT)	<ul style="list-style-type: none"> • CPC Blue • CPC Green • Alpha Blue
III	Common effluent treatment plants (CETPS), TSDFs, all Bio medical Waste incineration facilities	—
IV	All industrial plants manufacturing products/involving processes mentioned in column no.3 and discharging effluent in quantity 1 lac ltr/day or more (if effluent not going to CETP	<ul style="list-style-type: none"> • Fermentation including Distillery • Sugar • Fertilizers • Oil refinery • Caustic soda • Petrochemicals • Formulation and/or mfg. of pesticides and/or insecticides • Formulations and/or mfg. of basic drugs and pharmaceuticals • Dyes/Dyes intermediates/pigments • Agrobased pulp and paper • Manufacturing units • Tanneries
V	All industrial plants mentioned in column 3	<ul style="list-style-type: none"> • Cement plant (with horizontal shaft kilns) • Thermal power plant • Integrated iron & steel plant • Zinc smelter • Copper smelter • Aluminum smelter

Industries falling in Schedule II

(To Environmental Audit Scheme as per the H.H.C order dated 20/12/1996 and modified vide its order dated 13/03/1997)

No.	Classification of industries	Products
1	2	3
I	Dyes-Intermediates	
a)	Naphthalene derivative based intermediates (if effluent not going to CETP)	<ul style="list-style-type: none"> • Bon Acid • K-acid • J-acid • N-M-J acid • Gamma acid • Sulpho tobias acid • Tobias acid • Schaefers acid • Bronners acid
B)	Benzene based (if effluent not going to CETP)	<ul style="list-style-type: none"> • 4-CAP • PAABSA • PABA
C)	Nitrochloro benzene based (if effluent not going to CETP)	<ul style="list-style-type: none"> • Anthranilic acid • NADPSA • APDA • ONCBSA
D)	Aniline based	
(I)	If effluent not going to CETP	<ul style="list-style-type: none"> • FC Acid • DABSA • DASDA • NAPSA • OAPSA • OPDA • SPCP • DASA (if manufactured from ASC)
(II)	If effluent going to CETP	<ul style="list-style-type: none"> • DASA (if manufactured from chloro sulphonation process)
II	Dyes	
	If effluent not going to CETP	
i)	Direct Dyes (CPC Based)	<ul style="list-style-type: none"> • Direct Turquoise Blue
ii)	Reactive Dyes (CPC Based)	<ul style="list-style-type: none"> • Reactive Turquoise Blue
iii)	Vat Dyes	<ul style="list-style-type: none"> • Vat Dye • Vat indigo
III	Pigment	
	Metal pthalo cyanine based pigments (if effluent going to CETP)	<ul style="list-style-type: none"> • CPC Blue • CPC Green • Alpha Blue
IV	All industrial plants (Except those mentioned at item IV in Schedule-I) discharging effluent one lac litres per day or more (irrespective of effluent going to CETP or not)	
V	Textile processing industries with carbonizing units	
VI	Textile processing industries having daily effluent discharge of one lakh ltr. Per day or more	
VII	Stainless steel rolling and rerolling Mills	
VIII	All industrial plants manufacturing products mentioned in Ct 3 of Item IV in Sch-1 discharging effluent less than one lac lts but more than 25,00 lac per day (if effluent not going to CETP)	

IX	Lead recovery units from scrap	
X	All Industrial plants manufacturing/plants/involving process mentioned in column No. 3 and discharging effluent quantity one lakh liter per day or more.(If effluent going to CETP)	<ul style="list-style-type: none"> • Fermentation including Distillery • Sugar • Fertilizers • Oil refinery • Caustic Soda • Petrochemicals • Formulation and/or manufacturing of pesticides and/or insecticides • Formulation and/or manufacturing basic drugs and pharmaceuticals • Dyes/Dyes Intermediates/Pigments • Aerobased pulp and paper manufacturing units * Tanneries

**Table 1: Proforma for Intimation to Conduct an Environmental Audit
(To be submitted by the industry)**

The Member Secretary,
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector 10-A,
Gandhinagar – 382 010

M/s. _____, an Environmental Auditor
(Recognized as authorized auditor by GPCB, vide _____) has been
engaged to conduct an environmental audit as per the directives of the Hon'ble High
Court of Gujarat issued through various orders, and guidelines issued by the GPCB,
Gandhinagar. The details are as follows:

- ❖ Name of Industry :
- ❖ Address of the Industry:
- ❖ Brief description of activity :
- ❖ Site plan attached : YES/NO
- ❖ Phone, Fax and E-mail :
- ❖ Proposed period of audit :
- ❖ Proposed completion date :

Date :

Place :

Signature and name of the authorized
person of the industry

Table 2: Format of the ENVIRONMENTAL AUDIT REPORT

Gujarat Pollution Control Board,
 Paryavaran Bhavan, Sector 10-A,
 Gandhinagar – 382 010
Fax (079) 23222784,(079) 23232161.

(To be submitted in triplicate)

(Period from..... To.....)

(A) GENERAL	
1.	Name of the Industry
2.	Location :
3.	Registered Office Address:
4.	Month & Year of establishment:
5.	- No. of workers employed : - Male/Female :
6.	- No. of electrical connections With service numbers : - Total connected load : - Electric consumption per tonne: Of product manufactured - Percentage enhancement in energy: Saving as compared to previous year.
7.	Number of D.G. Set & their capacity :
8.	Name/Residential address of all directors/partners:
9.	Telephone Nos. : (Residential & Industrial) Fax No. : E-mail of Industry : E-mail Partners/Directors:
10.	No. of shifts & timings :
11.	Name & Address of the in charge of Environment/Safety Division/Cell/Unit:
12.	No. of days during which production activities were in operation during the Audit period covered
13.	Has the industry obtained ISO 9000/ISO 14000/OSHAS 18000/Any other EM accreditation/Certification recognition?
14.	Whether the industry has adopted cleaner production/cleaner technology/CDM?
(B) PRODUCT DETAILS	
1.	Name of products(s) & capacity with Yield/purity per day. :
2.	Name of all by products and its quantity per day:
3.	Date of commencement of production for each product. Whether production is as per consented quantity.
4.	All raw materials required per kg of the product(s).

5.	Whether the manufacturing process is continuous : or batch wise. Indicate the batch capacity. If the process is in batch operation, no. of batches/month along with the duration of the completion of each batch.
6.	Detailed manufacturing process with schematic flow diagram, list of unit operation & processes & with all chemical reactions, along with the time required (in hrs)for completion of each unit operation/process and the total time for completion of the entire batch. Mass balance in respect of the quantity of water, input of raw materials and waste water generation. (Attach separate sheet)

(C) WATER	
1.	The quantity of water consumed per day as well as per tonne of product manufactured. (Attach water balance diagram)* over the last three years.
2.	The quantity of waste water (trade effluent) generated per tonne of each product per day, as well as per batch* over the last three years.
3.	The particulars of effluent treatment plant (Attach separate sheets) <ul style="list-style-type: none"> - Name and Size of each unit - Capacity of ETP - Flow diagram & Hydraulic diagram, of ETP to be submitted. - Whether lighting arrangement around ETP is provided. - Whether separate energy meter is installed for effluent treatment plant. If yes, readings of the meter for consumption every month - Whether flow meters are provided at the inlet and outlet of the ETP. Please indicate the type of the flow meter.
4.	The method of disposal of final treated effluent and the point of disposal (Please attach sketch)
5.	The quality of trade effluent at the inlet and outlet of ETP and at various stages of treatment (Attach separate sheets)
6.	The quantity and quality of sewage and its method of treatment and disposal (Attach separate sheets) <ul style="list-style-type: none"> a) As per norms b) Total pollution load*
7.	The open area available for disposal of the effluent
8.	Whether the quality of treated effluent meets the specified norms. If no: the extent of deviation and reasons thereof.
9.	Improvement in effluent quality and quantity since previous environmental audit based on performance evaluation of effluent management systems. If yes, provide details (Attach separate sheets)
10.	Retrofitting undertaken to improve performance of ETP. If yes, provide details.
11.	Major problems encountered during operation of effluent treatment facilities, if any and reasons thereof.
12.	The details about the operator/chemist responsible for operation & maintenance of effluent treatment plant: <ul style="list-style-type: none"> - Name of the operators/employees - Qualification & Experience of each Operator/employee whether trained in such operation or not. - Salary of operators/employees.
13.	The current status of consent under the Water Act-1974.

(D) AIR ACT	
1.	No. of the flue gas stacks, their height (from ground level) nature & consumption of fuel
2.	The details pertaining to the stack monitoring facilities
3.	Number of process stacks, their height (from ground level) source, expected pollutants & the details pertaining to the provisions of stack monitoring facilities.
4.	The quality of emission from each flue gas stack & the process stack & the extent of deviation from them.
5.	The ambient air quality within the factory premises, along with the number of ambient air quality monitoring stations outside the industry.
6.	The status of consent under the Air Act-1981.
7.	The details of air pollution control measures for all process & flue gas stacks.
8.	Improvement in emission quality since previous environmental audit based on performance evaluation of air pollution management system. If yes, provide details. (Attach separate sheets)
9.	Retrofitting undertaken to improve emission quality. If yes, provide details.
10.	Major problems encountered during operation of control device, if any and reasons thereof.

* Whether production is as per consented quantity.

NOTE : Total pollution load each for air, water and hazardous waste should have mentioned along with the quality of effluent, emission or solid waste as the case may be. Whether measures taken for reduction of pollution load.

(E) HAZARDOUS (SOLID) WASTE:	
1.	The quantity, sources & composition of hazardous waste/solid waste from each process/sources over the last three years. (Total sludge generation per tonne of product) –whether it is as per the consented quantity.
2.	a) The method of storage, treatment & disposal of hazardous/solid waste. The details should include area of storage and disposal and whether storage and disposal system is covered and made impervious (pucca) The quantity of Hazardous waste sent to TSDF. Please also indicate how the quantity of hazardous /solid shall be reduced in next three months. b) The data/information about leachate generation, quantity & characteristics and treatment facility.
3.	The status of authorization under the EPA-86 for solid waste.
4.	Plan, if any to reduce hazardous waste generation or its recycling.

(F) SITE PLAN	
1.	The site plan showing the location of effluent treatment plant, final point of disposal of effluent, sampling point, drainage line, stacks, solid waste storage, disposal area & green belt (its width).

(G) RESOURCE RECOVERY	
1.	- The details regarding resource recovery including treated effluent for recycle/reuse from environmental pollution control system including effluent treatment plant. - The details regarding resource recovery/by product recovery from

manufacturing process by using cleaner production technology.

(H) HEALTH

1.	Whether any hazard is involved in the manufacturing or from the work environment. Yes/No If yes, provide details thereof.
2.	Whether industry has pre-employment & periodical medical examination facilities. Yes/No If yes, provide details thereof.
3.	Whether health records are maintained regarding adverse effect on the health of workers. Yes/No If yes, provide details thereof.
4.	Whether industry has appointed a factory medical officer. Yes/No. If yes; full time or part time. Include the details about the name, address and qualification of the factory medical officer.
5.	Details of medical facilities available. (Please tick (/) correct column:- Dispensary/Ambulance/Hospitals/First Aid box.
6.	Whether sanitary facilities like water closets, Urinals, bathroom are provided & are satisfactory.

(I) ACCIDENTS

1.	The details of accidents in the factory if any & remedial measures taken
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(J) SAFETY MEASURES

1.	General Environment of the factory. Please tick (/) the appropriate column			
	a. House Keeping	Good	Fair	Poor
	b. Dustiness	High	Medium	Low
	c. Lighting	Good	Fair	Poor
	d. Ventilation	Good	Fair	Poor
2.	Whether the following protective appliances are provided to all the persons			
	Goggles	Yes/No (Utilization level)	If yes; How many?	
	Gloves	Yes/No (Utilization level)		
	Gumboot	Yes/No (Utilization level)		
	Helmet	Yes/No (Utilization level)		
	Skin Cream	Yes/No (Utilization level)		
	Soap	Yes/No (Utilization level)		
	Ear Plug	Yes/No (Utilization level)		
	Face Masks	Yes/No (Utilization level)		
	Clothing	Yes/No (Utilization level)		
3.	The details of facilities for disaster management/gas leakage.			
4.	Whether on site/off site emergency plans are prepared and are being implemented/upgraded regularly; please given details			
5.	Whether records of occupational hazards are maintained?			
6.	Preventive measures adopted to minimize occupational hazard.			

(K) REMEDIAL MEASURES

1.	The details of sources; monitoring & measures taken for control of noise
----	--

	pollution in & around the industrial premises
2.	The measures taken for prevention treatment & control of odor nuisance in & around the industrial premises
3.	The details in respect of cases/complaints under the Water Act-1974, the Air Act-1981 & the EPA-1986
4.	The compliance report with respect to all the conditions of NOC/Consent (Under all the Acts)
5.	Incidents of spillages, leakages etc. and remedial measures thereof.
6.	Whether insurance policy obtained under PLI Act. Yes/No If yes, provide details

(L) WATER CESS	
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1.	The details regarding payment of the Water Cess for the previous & current year
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(M) The name and address of the Consultant engaged by the Company/Industry.

(N) It is hereby declared that all the information submitted in and with respect to this format is correct and we will be responsible for any lapse regarding incorrect or incomplete information.

(A)

Name & Signature of the responsible persons of the industry/organization/institute/ CETP TSDf with the stamp.

(B)

Name & Signature of all the members of Audit Team

Name Signature

1.

2.

3.

4.

Name

Signature

1.

2.

3.

4.

Table 3 : Adequacy Certificate of Environmental Management System

M/s. _____ of _____
is recognized by the GPCB, Gandhinagar under the Environmental Audit Scheme introduced by the Hon'ble High Court Gujarat, vide its orders dtd. 20/12/1996 and 13/3/1997 and modified order dtd. 16/9/1999, as an environmental auditor for the purpose of the auditing, having carried out Environmental audit of,

- M/s.

- Located at;

- Manufacturing products: Product (s) Capacity

Having completed the environmental audit based on personal monitoring, and audit report, prepared as per the direction of the Hon'ble High Court in Environmental Audit Scheme, it is certified that the Environmental Management System (EMS) provided by this industry for the products manufactured and capacity as stated above is * _____ to achieve the quality of effluents (Air + Waste Water + Solid Waste) as specified in consent/Notifications by GPCB, Gandhinagar for the following quantity of waste generation:

- Liquid effluent : _____ M³/Day
- Solid/Hazardous Waste : _____ kg/Day
- Air emission (flue gas : Adequate/not adequate, efficacious/not
Stacks as well as process efficacious (Pl. strike out which is not
stacks applicable.)

This certificate is valid for the audit report only. However, it is subject to automatic cancellation in case of any change in product profile/capacity, quality and quantity of effluent emission (Air + Waste Water + Solid/Hazardous) and efficiency of EMS equipments.

This Certificate forms part of environmental audit report.

Name & Address of the **ENVIRONENMENTAL AUDITOR**

Signature of **ENVIRONENMENTAL AUDITOR**

Date :

Place:

* here write, whether adequate and efficient or inadequate and inefficient as applicable.

Table 4 : Certificate for Sampling and Analysis

This is to certify that the following samples of emissions (air, water, waste water, solid and hazardous wastes) have been collected and analyzed as per the following details:

Sample details	Sampling location	Collected by	Sample collection	
			Date	Time

- Parameters analyzed on site :
- Parameters analyzed off site :
- Whether samples were preserved as per standard procedure for off site analysis:
Yes/No
- Parameters analyzed by auditors team:
- Parameters analyzed by third party :
 - Name & Address of the laboratory :
 - Whether the laboratory is classified under Schedule I of the GPCB
- Method followed for analysis
 - Air emission
 - Water/Waste Water
 - Solid Waste
 - Hazardous Waste

This is to certify that the third party laboratory in which the analysis has been done is approved under EPA/Accredited by NABL/recognized under Schedule I of GPCB.

Name & Address of the **ENVIRONMENTAL AUDITOR**

Signature of **ENVIRONMENTAL AUDITOR**

Date :

Place: