



Ramdev Chemical Pvt. Ltd.

(wholly owned subsidiary of Ipca Laboratories Limited)

ISO 14001 : 2015 & ISO 45001 : 2018 Certified Co.

CIN NO.: U24200MH1999 PTC120863 GSTIN : 27AABCR5210R1Z3

www.ramdevchem.com

Date: 26/11/2020

To,

Additional principal Chief Conservator of Forest (Central)

Ministry of Environment, Forest and climate change

Regional Office (WCZ)

Ground Floor East wing,

New Secreterial building Civil Lines

Nagpur-440001

Sub- EC compliance Report Submission From June 2020 To Nov 2020.

Dear Sir,

This has reference to your EC Letter no.SEAC-2016/C.R.424/TC-1 Dated May 12, 2017, Environment Department, In this regard we are submitting the here with the status of compliance of the stipulated Environment clearance condition for the period of June 2020 To Nov 2020.

Hope you will find the same in order.

Kindly acknowledge the same.

Thanking You,

Your Faithfully,

Ramdev Chemical Pvt. Ltd.

Mr. Y. L. Shrivastava

(Unit Head),

Encl: As Above,

Cc: The Member Secretary, MPCB Mumbai,

Cc: The Regional Officer MPCB Thane.

RAMDEV CHEMICAL PVT LTD

EC GENERAL CONDITION COMPLIANCE

FOR THE PERIOD FROM JUNE 2020 TO NOV 2020

SR. NO	CONDITION OF ENVIRONMENT CLEARANCE	STATUS OF COMPLIANCE	ATTACHEMENT
1	PP to achieve zero liquid discharge, PP shall ensure that there is no any increase in the effluent load to CETP.	We have a ZLD (Zero liquid discharge facility) and accordingly MIDC disconnected our effluent discharge line which is connected to CETP.	Annexure - I
2	73 TPH boiler should have stack height of 68 m and flue gases shall be passed through an ESP of 99.9 % efficiency before being led into the 68 m stack.	Since incipient stage , we only have 2 TPH boiler with stack height 30 Mtr. We also monitoring stack emission by MoEF approved laboratory quarterly. It appears that this condition is wrongly came in to our EC as we neither have this much capacity steam requirement not it is proposed .	Annexure - II
3	No additional land shall be used / acquired for any activity for the project without obtaining proper Permission.	We are not using the additional land without obtaining the permission from authority.	Annexure - III
4	PP to take almost precaution for the health and safety of the people working in the unit as also for protecting the environment.	We have separate EHS dept. and we take care of safety, health and environment of workers by providing all necessary engineering controls , PPE & Training.	Annexure - IV
5	Proper Housekeeping program shall be implemented.	As we are API manufacturing industry, and following cGMP guideline, housekeeping is the integral part of our daily activity, We maintaining the premises with neat & tidy all the time . Housekeeping SOP attached	Housekeeping Attached SOP
6	In the event of the failure of any pollution control system adopted by the unit , the unit shall immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.	We are following all the time and we have power backup of DG and adequate emergency storages .	
7	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (if Applicable)	Stack height of 2.5 Meter is provided as per the MPCB consent. Photograph attached.	Stack Photograph Attached
8	A detail scheme for rain water harvesting shall be prepared and implemented to recharged ground water.	Detailed scheme of rain water harvesting to collect rain water in storage tanks and recycle the same for plant utilities as per attachment .	Annexure - V
9	Arrangement shall be made that effluent and storm water does not get mixed.	We have separate drain system for effluent and storm water . We ensure that these water do not get mixed . photograph attached.	Attached photographs
10	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. results shall be regularly submitted to Maharashtra pollution control board.	In our quarterly environment monitoring, we completed the sampling in the month of June, results were submitted to MPCB. As per copy attached and this clearly indicates that there is no change in water quality due to our activities	
11	Noise level shall be maintained as per standards. for people working in the high noise area, requisite personal protective equipment like ear plug etc. shall be provided.	Noise level is maintained as per the standard, High noise area identified & PPE provided in that area. Noise survey report is attached along with PPE Matrix of high noise area . Operators are regularly training inorder to ensure all the time usage of Ear Muff / Plugs .	Annexure - VI
12	The overall noise level in and around	We are using the acoustic enclosure, Silencers, Hoods	

	the plant are shall be kept well within in the standards by providing noise controls measures including acoustic hood, silencers enclosure etc. on all sources of noise generation. The ambient noise levels shall be confirm to the standards prescribed under environment protection act 1986 , rule 1989.	for noise generating equipment's. And also providing the PPE like ear plug and ear muff.	
13	Green belt shall be developed & maintained around the plant periphery .Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Dept.	Green belt developed and maintained.	Attached Photograph
14	adequate safety measures shall be provided to limit the risk zone with in the plant boundary, in case of accident. leak detection devices shall also be installed at strategic places for early detection and warning.	We are taking the adequate safety measure in our plant like Inertisation Earthing bonding & leak detection to avoid the accidents. Further we are not using any such chemical which will leak and go beyond the boundaries of our factory .	
15	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per factories act.	We are conducting periodical medical checkup every six monthly.	Annexure - VII
16	The company shall make the arrangement for protection of possible fire hazard during manufacturing process in material handling.	WE handle are our chemicals in closed containers and transfer them in reaction vessels through closed pipeline and pumps . While handling them nitrogen inertization and earthing bounding is also ensure .	
17	The project authority must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the hazardous waste rules, 2003 amended. Authorization from MPCB shall be obtained for collections /treatment / storage / disposal of hazardous waste.	We follow Hazardous waste rule 2003 amended uptill 2016 and related guideline Hazardous waste send to authorized recycler i.e. MWML / GEPIL / Cement Plants / Recyclers regularly. We have a valid membership of MWML and valid Hazardous Waste authorization	Annexure - VIII
18	Regular mock - drill for the on - site emergency management plan shall be carried out. implementation of changes / improvements required , if any , in the on site management plan shall be ensured.	We conducting regular mock - drill and report submit to DISH office.	Annexure - IX
19	A separate environment management cell with the qualified staff shall be set up for implementation of the stipulated environmental safeguards.	We have environment cell with Manager- EHS , Asst. Manager - ETP well developed ETP lab with qualified staff.	Organogram Attached
20	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with Item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure	We have a separate EHS budget for every year for environment protection measures and we are taking care that it is utilize properly & not diverted to any other purpose.	

	should reported to the MPCB & this department		
21	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in	Complied	
22	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.	Submitting.	
23	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent	Complied	
24	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	We regularly monitoring the Environment with respect to National ambient quality standard, & submitting the report to MPCB.	Annexure - X
25	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Submitting.	
26	The environmental statement for each financial year ending 31st	We are submitting the Environment audit report in Form V to MPCB on line as well as hard copy	Annexure - XI

March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.		
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RAMDEV CHEMICAL PVT. LTD.

ISO 9001 : 2008 / 14001 : 2004 & OHSAS 18001 : 2007 Certified Co.
CIN No.: U24200MH1999PTC120863

Admn. Office :

E-5, 3rd Floor, Nemakrishna CHS., Jethwa Nagar,
V. J. Road, Kandivali (W), Mumbai - 400 067. INDIA
Telephone : 0091 - 22 - 4029 4545 / 2801 1757
Telefax : 0091 - 22 - 2801 1789
E-mail : ramdev_chem@vsnl.net
Website : www.ramdevchem.com

Date 27-04-2017

To,
The Deputy Engineer,
MIDC Drainage Sub-dn
Tarapur.

Sub:- Tarapur Indl. Area...
Plot no. E-41 & E-129,
Issue of drainage
disconnection letter.

Sir,

With reference to above it is to inform that, your office has disconnected our drainage line very long back. It is requested to issue a drainage disconnection letter to submit MPCB.

Thanking you,

yours faithfully

FOR. RAMDEV CHEMICAL PVT. LTD.


(Director)

Received at
Date 27/04/2017
Inward Clerk 
MIDC Sub P.



Annexure - II
Sadekar Enviro Engineers Pvt. Ltd.

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604, Maharashtra State, India.
☎ : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : pr@sadekarenviro.com / psadekar5@gmail.com

SAVE WATER
SAVE LIFE

Gazetted By Ministry of Environment & Forest Govt Of INDIA. S. O. 857 (E), Valid upto 25/02/2023 * QCI-NABET Accredited EIA Consult

ANALYSIS TEST REPORT FOR STACK EMISSION

Report No	SEETL200001300	Report Date	30/09/2020
Name of Client	M/s. RAMDEV CHEMICALS PVT.LTD.		
Address of Client	Plot No. E-41& E-129, MIDC, Tarapur Industrial Area, , Boisar, Tal & Dist Palghar-		
Order / Reference	NSK - MT/051 Dated 14/05/2020		
Date Of sampling	22/09/2020	Sample Receipt Date	23/09/2020
Analysis Started on	24/09/2020	Analysis Completed On	29/09/2020
Sample Collected By	SEETL Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Environmental Condition of Lab	Temperature(°C)	24.8	Humidity (%) 58

DETAILS OF STACK

Attached To	Boiler (2 Ton/hr)
Shape	Round
Diameter (mm)	450 mm
Height From Ground Level (Mtr)	30 Mtr
Temperature (°C)	113
Velocity of Flue Gases (m/sec)	8.04
Volume of Flue Gases (m ³ /hour)	4605.50
Type of Fuel	Coal

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
TPM	74	mg/Nm ³	150.00	IS 11255 Part 1-1985 Reaff.2014
SO ₂	8	Kg/d	29.16	IS 11255 Part 2-1985 Reaff.2014

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.
2) The above results relate only to the item tested.



Authorized Signatory
Nilesh Naik

BRANCH OFF. : 310, Dempo Towers, EDC Patto, Panaji-403 001. Goa State, India ☎ : (0832) 2437048 / 2437164
E-mail : sadekarenviro@rediffmail.com • Website : www.sadekarenviro.com

LABORATORY : B-306/307, Plot No. 61, Patel Estate, Reis Magos, Verem, Alto, Old Belim Road, Bardez, Porvorim, Panaji-Goa-403 101.
Goa State, India. ☎ : (0832) 2411322 / 23 • E-mail : starlabgoa@rediffmail.com • CIN No. U45209MH1998PTC-116379

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION

(A Government of Maharashtra Undertaking)



No. TB/TRP/133664/2017
Office of the Executive Engineer,
MIDC, Division No.1, Thane
Date:- 18.04.2017

To,
The Regional Officer,
MPCB, Thane
5th Floor, Office Complex Building,
Near Mulund Check Naka,
Wagle Estate, Thane-400 604.

Sub:- Tarapur Industrial Area... Direction u/s 33A of the water
(Prevention & control of pollution) Act 1974...
Disconnection of ZLD.

Ref :- Your directives vide letter No. MPCB/ROT/DIR/31,
dtd. 06/01/2017.

Dear Sir,

As per letter under reference MPCB has issued direction to the undersigned u/s 33A of the water (Prevention & control of pollution) Act 1974. It was directed to disconnect sewage line connection of the industries (list annexed) to MIDC sewer and to ensure that discharge point of industrial waste shall be sealed permanently so that there shall not be discharge of waste from industries to MIDC sewer.

Accordingly, action of disconnecting industrial waste water to MIDC's sewer has been completed by MIDC. Status of such disconnection is enclosed herewith.

Therefore, it is hereby submitted that the directions issued vide letter under reference are implemented & complied by MIDC.

Thanking you.

Yours faithfully,

(M.S. Kalkutaki)
Executive Engineer,
MIDC, Division No.1, Thane.

D.A. : Status Report

- 24/04/2017
- REGIONAL OFFICE
M.P.C. BOARD
TARAPUR COMPOUND
TARAPUR - 401 504
TARAPUR DIST. - THANE
1. Copy submitted to the Superintendent, M.P.C. Board, Tarapur for information.
 2. Copy to the Dy. Engineer, Drainage Sub-dn., Tarapur for information.
 3. Copy to the Sub Regional Officer, MPCB, Tarapur for information.

- (b) The Lessee/s shall deliver at the Lessee's expense a copy of the Deed of Assignment to the Corporation as provided in sub-clause (v) of clause 2 of the said Lease and such copy shall be furnished in duplicate.
- (c) The consent is restricted to the transfer and assignment of the said Lease in favour of the transferee/s alone and in case the transferee/s propose/s to make any further transfer of assignment or parting wholly or partially with the possession of the plot of land or any part thereof the transferee/s will have to make a fresh application for consent.
- (d) The transferee M/S, Ramdev Chemical Private Limited has given in writing vide letter dated 31/01/2000 that they are going to construct their own ETP (Effluent Treatment Plant) to treat 2.5 cubic meter effluent per day generated by them during Chemical Processing,

Area Manager
MIDC, THANE

To,

M/S, MONOPOL CHEMICALS PVT.LTD.
405, RAHEJA CHAMBERS
NARIMAN POINT
MUMBAI - 400021.

Copy To,

M/S, Ramdev Chemical Private Limited.
801/Smruti Tower, Patel Nagar, M.G. Road,
Cross Road, No. 4, Kandivli (West), Mumbai - 400064.

Copy with compliments to :

1. The General Manager (Legal) MIDC. Andheri (East), Mumbai -400093.
2. The Dy. Chief Accounts Officer, MIDC. Andheri (East), Mumbai -400093.
3. The Executive Engineer, MIDC. MIDC, Division No. 1, Thane.

Copy with f.w.cs. to :

1. The Dy Engineer (SPA). MIDC, Tarapur Sub-division, Dist.-Thane.

Status of Drainage disconnection for ZLD

(As per MPCB Directives u/s 33 A vide letter no. MPCB / ROT / DIR / 31 Date 6th January 2017)

Sr. No.	Name of the consumer	Plot No.	Remarks
1	M/s. Zakaria Fabrics Pvt. Ltd.	A-13	Disconnected
2	M/s. JSW Steel Ltd	B-6	No Connection
3	M/s. JSW Steel Ltd	B-7/1	No Connection
4	M/s. Indrox Global Pvt. Ltd.	B-11	Disconnected & Sealed
5	M/s. Mandhana Industries Pvt. Ltd.	C-3	No Connection
6	M/s. Nirvana Silk Mills Pvt. Ltd.	D-6	Disconnected & Sealed
7	M/s. Vivid Global Industries	D-21/1	Disconnected & Sealed
8	M/s. Loba Chemie Pvt. Ltd.	D-22	No Connection
9	M/s. VAP Industries	E-7/4	No Connection
10	M/s. Ramdev Chemicals Pvt. Ltd.	E-41	Disconnected & Sealed
11	M/s. Spectrochem Pvt. Ltd.	E-96, E-97	No Connection
12	M/s. Siyaram Silk Mills Ltd.	E-125	Disconnected & Sealed
13	M/s. Sirmaxo Chemicals Pvt. Ltd.	E-130	No connected
14	M/s. Viraj Profiles Ltd.	G-1/2	Disconnected
15	M/s. Viraj Profiles Ltd.	G-1/4	Disconnected
16	M/s. Manan Cotsyn Pvt. Ltd.	G-4/2	No Connection
17	M/s. Darshan Fine Fab Pvt. Ltd.	G-8/1	No Connection
18	M/s. Samudra Phramacare Pvt. Ltd.	G-16/1,2,3	Disconnected & Sealed
19	M/s. Sunway Fashions Pvt. Ltd.	G-21	Disconnected & Sealed
20	M/s. Bombay Rayon Fashion Ltd.	G-95	No Connection
21	M/s. Sifer Car Care	J-40	Disconnected & Sealed
22	M/s. D. R. Coats Ink & Resin Pvt. Ltd.	J-51	Disconnected & Sealed
23	M/s. Shree Rajendra Engineering Work	J-139	Disconnected & Sealed
24	M/s. Satguru Steelwool (I) Pvt. Ltd.	J-139/1	Disconnected & Sealed
25	M/s. STS Automobiles	J-185, 186	Disconnected & Sealed

26	M/s. Spectra Motors	J-240	Disconnected & Sealed
27	M/s. Gunjan Chemicals Industries Pvt. Ltd.	K-48	Disconnected & Sealed
28	M/s. Genail Chemie	L-59	No Connection
29	M/s. Nushush Textile Industries	N-17	Disconnected & Sealed
30	M/s. Unitec Inc	N-30	Disconnected & Sealed
31	M/s. First Winner	N-66	Disconnected & Sealed
32	M/s. Ciron Drugs & Pharmaceuticals Pvt. Ltd.	N-118/1	Under Construction. Production not started. Connection not provided.
33	M/s. Pearl Farben Chem Pvt. Ltd.	N-167	Disconnected & Sealed
34	M/s. Mecoy Pharma Pvt. Ltd.	S-8	No Connection Under Construction
35	M/s. NGL Fine Chem Ltd.	S-18/3	No Connection
36	M/s. Arihant Chemical Co.	S-29	No Connection
37	M/s. Aarti drugs Ltd.	S-33, 34	No Connection
38	M/s. Nutrapluse India Ltd.	T-30	No Connection
39	M/s. Surya Chemicals Industries	T-41	Disconnected & Sealed
40	M/s. Jaron Cosmetique Pvt. Ltd.	T-48	No Connection
41	M/s. shubham Inks & Chemicals Pvt. Ltd.	T-51	No Connection
42	M/s. Scitech Center	W-2	Disconnected & Sealed
43	M/s. Trupti Pharma Chem Pvt. Ltd.	W-11	Disconnected & Sealed
44	M/s. Balaji Engineering	W-38/B	Disconnected & Sealed
45	M/s. Petrogate Metal Products Pvt. Ltd.	W-55/D	Disconnected & Sealed
46	M/s. S. R. Steel Engineering	W-80/A	Disconnected & Sealed
47	M/s. Arihant Chemical Company	W-167	No Connection
48	M/s. S. K. Industries	W-187	Disconnected & Sealed
49	M/s. Indaco Jeans Pvt. Ltd.	G-21	Same Company under Sr. no. 19

Deputy Engineer
MIDC Drainage Sub Division
Tarapur

Annexure-I
PPE Matrix

Sr No	Department	Helmet	Face shields	Safety Glasses/ Spectacles	Safety Goggles	Earmuffs	Ear plugs	Hand Gloves (Acid and Alkali Resistance)	Hand Gloves (Surgical)	Hand Gloves (Nitrile)	Heat/ Cold Resistant Gloves	Cut Resistant Gloves	33 KV Electrical Gloves	Nose Masks
A	WAREHOUSE / STORE	✓		✓	✓			✓	✓	✓				✓
B	PRODUCTION	✓	✓	✓	✓			✓	✓	✓			✓	✓
C	ENGINEERING	✓	✓	✓	✓	✓	✓		✓	✓				✓
D	QUALITY CONTROL	✓		✓	✓				✓					✓
E	QUALITY ASSURANCE	✓		✓	✓									✓
F	PROCESS DEVOLPMENT LAB	✓		✓	✓			✓	✓	✓				✓
G	HUMAN RESOURCE & ADMIN	✓												
H	EHS	✓		✓	✓									✓
I	ETP	✓		✓	✓					✓				✓

Sr No	Department	Nose Masks	Face Masks (Full Face Masks)	Nose Mask (Half face Masks)	Powered Air Purifying Respirator	Self Contained Breathing Apparatus (SCBA)	Apron - Chemical resistant	Suits - Chemical resistant	AIR hood with airline connection with filter	Suits - Chemical resistant with airline supply provision	Fire proximity suits	Gum shoes	Safety shoes	Full body harness
A	WAREHOUSE / STORE													
B	PRODUCTION	✓	✓											
C	ENGINEERING		✓											✓
D	QUALITY CONTROL		✓											
E	QUALITY ASSURANCE													
F	PROCESS DEVOLPMENT LAB		✓				✓							
G	HUMAN RESOURCE & ADMIN													
H	EHS													
I	ETP													✓

NOTE - 1) THIS PPE MATRIX IS APPLICABLE FOR WORKING AREA .

2) FOR OFFICE AREA THIS PPE MATRIX IS NOT APPLICABLE EXCEPT SAFETY SHOES

RAMDEV CHEMICAL PVT.LTD.
Standard Operating Procedure

MASTER COPY

HOUSE KEEPING
RAMDEV CHEMICAL PVT. LTD.

SOP No. : RCPL/HR/9001-01	Version No. 01	Supersedes version No. RCPL/HR/9001-00		Page No. : Page 1 of 3	
Effective Date: 02.04.2016	<i>3 more</i> 28/03/16	Checked by Authorized Person <i>R. Ravi</i> 29/03/16		Approved By <i>[Signature]</i> 30/03/16	
				<i>[Signature]</i> 30/03/16	
Review Date : 01.04.2018	Written By Sign./Date	User Department Sign./Date .	QA Dept. Sign./Date	User Dept. Head Sign./Date	QA Head Sign./Date

Location:HR Department					
Subsequent Review (Only to be used if there are no modifications at review.)	Checked By Authorized person		Approved By		Next Review Date : 31/03/2020
	<i>3 more</i> 01/04/18		<i>[Signature]</i> 01/04/18		
	User Department Sign./Date	QA Dept. Sign./Date	User Dept. Head Sign./Date	QA Head Sign./Date	
Distribution Copies:	1. Quality Assurance Department.			2. HR Department	
	3. All concern Department				

1.	PURPOSE
	The purpose of this SOP is to describe the General housekeeping procedure and schedule of cleaning in common areas of Ramdev Chemical Pvt.Ltd.

2.	SCOPE
	This SOP is applicable to cleaning procedure of all path ways inside the factory, all stair case, Administrative, MD Office & Conference at Ramdev Chemical Pvt. Ltd.

3.	REFERENCES & ATTACHMENTS
3.1	References
	Nil
3.2	Attachments
	Annexure-I: Daily House Keeping Record(RCPL/HR/9001/F-01)
	Annexure-II: Weekly Cleaning Record(RCPL/HR/9001/F-02)

4.	RESPONSIBILITIES
	Personnel & Admin Officer, Concern Department Officer/HR Officer

5.	DEFINITION & TERMS
	SOP: Standard Operating Procedure HR : Human Resource

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RAMDEV CHEMICAL PVT. LTD.

RAMDEV CHEMICAL PVT.LTD.
Standard Operating Procedure

MASTER COPY

Title: STANDARD OPERATING PROCEDURE FOR GENERAL AREA HOUSE KEEPING

SOP No. : RCPL/HR/9001-01	Version No. 01	Supersedes version No. RCPL/HR/9001-00	Page No. : Page 2 of 3		
Effective Date: 02.04.2016	<i>3 more</i> <i>28/03/16</i>	Checked by Authorized Person <i>R.B.T.</i> <i>28/03/16</i>	Approved By		
Review Date : 01.04.2018	Written By Sign./Date	User Department Sign./Date	QA Dept. Sign./Date	User Dept. Head Sign./Date	QA Head Sign./Date

6. PROCEDURE :

6.1 House Keeping Tools & cleaning agents :

Hard Brooms, Soft Brooms, Plastic Brush, Wiper, Cloth Duster, Mop, Phenyl (Disinfectant)
Detergent powder, Colin (Glass cleaner).

6.2 Departments to be cleaned:

- 6.2.1. Administrative Offices.
- 6.2.2. MD Office & Conference.
- 6.2.3. All stair cases.
- 6.2.4. All path ways inside the factory.

6.3 Frequency:

- 6.3.1 Wet cloth mopping of floors - daily
- 6.3.2 Dusting of Computers and table tops-Daily
- 6.3.3 Cleaning of windows sills and glass panes - weekly
- 6.3.4 Doors rolling shutters- weekly
- 6.3.5 Cleaning for removing cobwebs from walls and corners - weekly
- 6.3.6 Tabletop, drawers & cupboards- weekly
- 6.3.7 Lights and fixtures - weekly

6.4 Cleaning Procedure:

- 6.4.1 Administrative Offices, stair cases, canteen and Security Cabins:
- 6.4.2 Sweep the floor with soft broom.
- 6.4.3 Collect dust and waste in the Dustbins.
- 6.4.4 Mop the floors with wet mop.
- 6.4.5 Change water in-between the mopping process.
- 6.4.6 Clean the equipment, and keep those at specified place.
- 6.4.7 Empty the Waste Bins at the specified place.
- 6.4.8 Sweep the path ways with soft broom.
- 6.4.9 Record the work done.

6.5 Any area on getting vacated due to exhausting the stock on any occasion will also be cleaned suitably.

6.6 Daily cleaning record should be maintained as per Annexure-I(RCPL/HR/9001/F-01)and Monthly cleaning record should be maintained as per Annexure-II(RCPL/HR/9001/F-02)

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RAMDEV CHEMICAL PVT. LTD.

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Standard Operating Procedure

MASTER COPY

Title: STANDARD OPERATING PROCEDURE FOR GENERAL AREA HOUSE KEEPING

SOP No. : RCPL/HR/9001-01	Version No. 01	Supersedes version No. RCPL/HR/9001-00	RAMDEV CHEMICAL PVT. LTD. Page No. : Page 3 of 3		
Effective Date: 02.04.2016	<i>3 more</i> <i>28/03/16</i>	Checked by Authorized Person <i>Ra. Patil</i> <i>29/03/16</i>	Approved By <i>[Signature]</i> <i>30/03/16</i>	<i>[Signature]</i> <i>30/03/16</i>	
Review Date : 01.04.2018	Written By Sign./Date	User Department Sign./Date	QA Dept. Sign./Date	User Dept. Head Sign./Date	QA Head Sign./Date

7.	Revision History:			
	Version	00	Effective Date:	01.04.2015
	1. Transfer SOP from QA dept to HR dept.			
	Version	01	Effective Date:	02.04.2016
	1. SOP change as per requirement			

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RAMDEV CHEMICAL PVT. LTD.



RAMDEV CHEMICAL PVT.LTD.

Human Resource Department

Format No: RCPL/HR/9001/F-01

Annexure-I

Daily Cleaning Record

MASTER COPY

RAMDEV CHEMICAL PVT. LTD.

Department: _____

Month and Year _____			
Date	Time	Cleaned By	Checked By
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Month and Year _____			
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SOP No.: RCPL/HR/9001

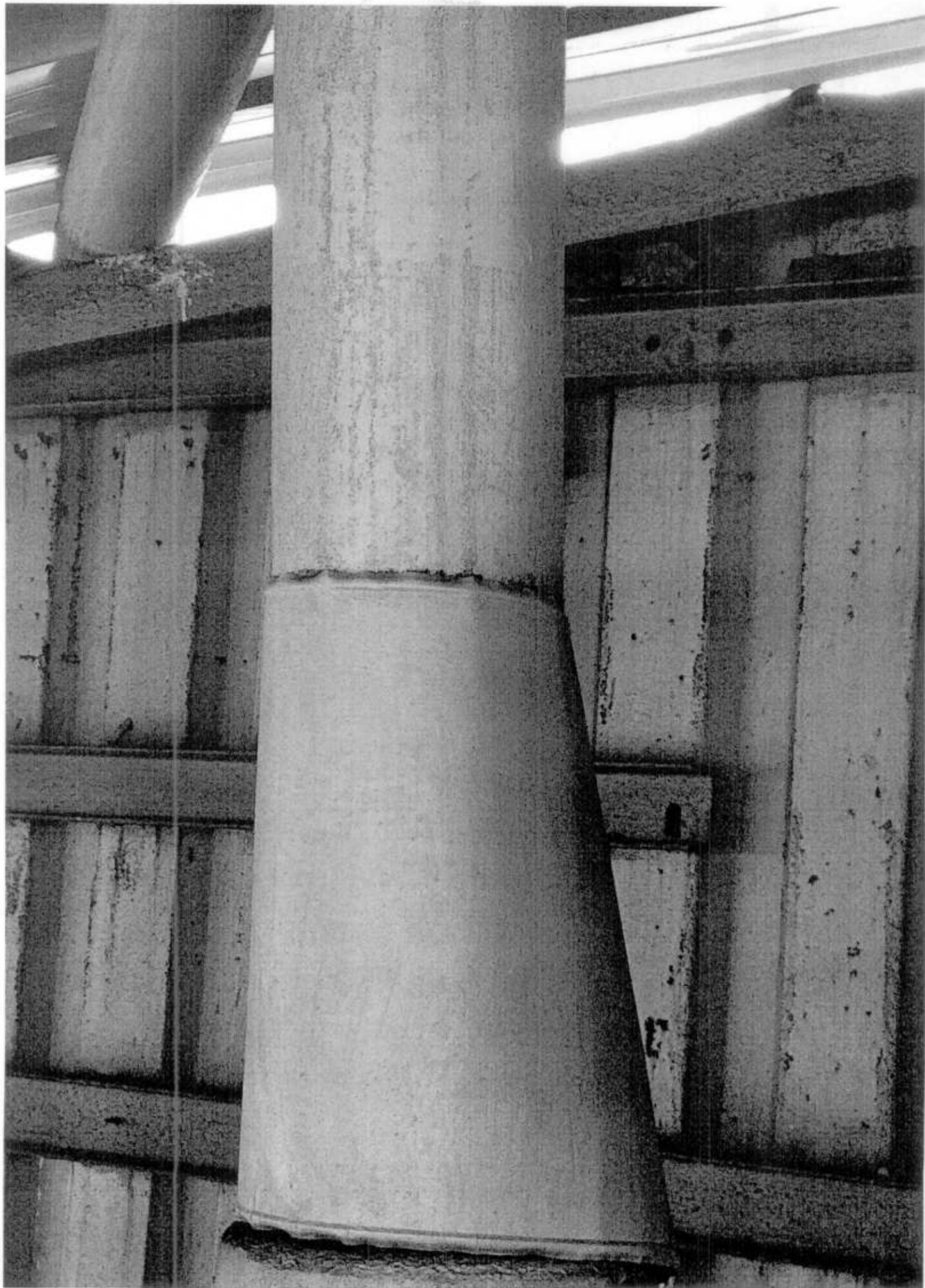
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Page 1 of 1

RAMDEV CHEMICAL PVT. LTD.

DEPARTMENT:

MONTH :

Date	Frequency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1) Admin Area & MD Office																																
a) Cleaning walls, glass panes & window sills	Weekly																															
b) Doors rolling shutters	Weekly																															
c). Tabletop, drawers & cupboards	Weekly																															
d) Lights and fixtures	Weekly																															
Done by																																
Checked by																																
2)Conference																																
a) Lights and fixtures	Weekly																															
b) Cleaning walls, ceilings and window sills	Weekly																															
Done by																																
Checked by																																



RAMDEV CHEMICAL PVT. LTD.
PLOT NO E-41/129/128 MIDC TARAPUR
RAIN WATER HARVESTING SCHEME

Rainwater harvesting (RWH) is the collection and storage of rain, rather than allowing it to run off. Rainwater is collected from a roof-like surface and redirected to a tank, deep pit (well, shaft, or borehole) a reservoir with percolation. The harvested water can also be committed to longer-term storage or recharge of ground water.

We have a following scheme for rain water harvesting,

Roof Top No 1 - The admin building , which is having the catchment area about 700 square meter & average rain fall in this area is 150 -200 mm , so total water collected from this roof top is 105000 L.

Roof Top No. 2- The ware house building , which is having the catchment area 300 square meter & average rain fall in this area is 150 -200 mm , so total water collected from this roof top is 45000 L.

Roof Top No. 3 - The plant A, B & C building , which is having the catchment area about 300 square meter & average rain fall in this area is 150 -200 mm , so total water collected from this roof top is 45000 L.

Roof top No. 4- The MEE & Hydrogenation plant building , which is having the catchment area 100 square meter & average rain fall in this area is 150 -200 mm , so total water collected from this roof top is 15000 L.

The total water collected from roof top is stored at underground storage tank of capacity is 100000 L. All collected water passing through the sand filter & reuse for cooling tower & Boiler after treatment.







Sadekar Enviro Engineers Pvt. Ltd.

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Waghe Industrial Area, Thane - 400 604, Maharashtra State, India.
 ☎ : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

SAVE LIFE
 SAVE LIFE

Gazetted By Ministry of Environment & Forest Govt Of India, S. O. 857 (E), Valid upto 25/02/2023 * QCI-NABET Accredited EIA Consultancy

Annexure - VI

ANALYSIS TEST REPORT FOR NOISE LEVEL MONITORING

Report No.	SEETL200001299	Report Date	30/09/2020
Name of Client	M/s. RAMDEV CHEMICALS PVT.LTD.		
Address of Client	Plot No. E-41& E-129, MIDC, Tarapur Industrial Area, , Boisar, Tal & Dist Palghar-		
Order / Reference	NSK - MT/051 Dated 14 /05/2020		
Date Of Monitoring	22/09/2020	Time of Sampling	Day/Night
Monitored By	SEETL Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-31
DAY TIME NOISE LEVEL MONITORING			
Sampling Location (From 1 meter away)	Noise Levels in dB(A) Leq* (Day Time)	Noise Levels in dB (A) Leq* (Night Time)	
AMBIENT NOISE LEVEL MONITORING			
Main Gate	64.6	60.3	
ETP area	73.1	68.8	
DG running Cond.	70.1	67.2	
Plant A & B Passage Area	73.9	69.2	
Old ETP Area	73.3	66.3	

Method:-IS:9989-1981 (RA 2001)

- NOTE:** 1) Limit During Day time < 75. (Day time shall mean from 6.00 am to 10.00 pm.)
 2) Limit During Night time < 70. (Night time shall mean from 10.00 pm to 6.00 am.)
 3) *As per Factory Act Rules, 1963 scheduled XXIV Noise Limit 90dB(A) *dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
 4) A "decibel" is a unit in which noise is measured.
 5) "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human hear.
 6) Leq: It is the energy mean of the noise level over a specified period.



Authorized Signatory
 Nilesh Naik

BRANCH OFF. : 310, Dempo Towers, EDC Palto, Panaji-403 001, Goa State, India ☎ : (0832) 2437048 / 2437164
 E-mail : sadekarenviro@rediffmail.com • Website : www.sadekarenviro.com

LABORATORY : B-306/307, Plot No. 61, Patel Estate, Reis Magos, Verem, Alto, Old Betim Road, Bardez, Porvorim, Panaji-Goa-403 101, Goa State, India. ☎ : (0832) 2411322 / 23 • E-mail : stariabgos@rediffmail.com • CIN No. U45209MH1998PTC-116379



Annexure - VII FORM NO. 7

{Prescribed under Rule 18 (7)}
HEALTH REGISTER

Name of certifying Surgeon
Dr. Uttam R. Babar

From:
To:

{In respect of persons employed in occupations declared to be dangerous operations under Section 87}

RAMDEV CHEMICAL PVT.LTD. M.I.D.C., TARAPUR

Sr No	Works No.	Name of Worker	Sex	Age	Date of employment of present work	Date of Leaving or Transfer to other work	Reason for leaving / Transfer to discharge	Nature of job or Occupation	Raw Material or Byproduct handled	Date of Medical Examination by Certifying Surgeon & Result of Medical Examination	If suspended from work state period of suspension with detailed reasons	Rectified fit to resume duty on with signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature With Date of Certifying Surgeon
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	15	MR. SHAILESH SONI	M	53	2010	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
2	22	MS. BHAGYASHRI MORE	F	27	2014	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
3	35	MS. ROSHANI BARI	F	27	2017	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
4	43	MR. ATUL KUMAR S. CHAURASIYA	M	27	2018	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
5	49	MS. SNEHAL TALASTE	F	24	2018	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
6	50	MR. VIVEK KUMAR PANDEY	M	26	2019	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
7	51	MR. SWAPNIL P. PAWAR	M	24	2019	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
8	60	MR. NIKHIL BARSAGADE	M	24	2019	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
9	65	MR. AMOL PANDIT	M	33	2019	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
10	66	MR. MANMOHAN SINGH	M	28	2019	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
11	68	MR. SAMEER PANDEY	M	46	2007	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
12	70	MR. SUBHASH KARAPE	M	25	2019	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
13	75	MR. PRAVEEN KUMAR VISHWAKARMA	M	32	2019	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
14	81	MR. DINESHCHAND TIWARI	M	51	2000	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
15	82	MR. SHIVDAS R. SHARMA	M	48	2000	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
16	84	MR. SANTOSH P. SHARMA	M	37	2000	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
17	87	MR. VIRSUMAN SINGH	M	57	2001	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
18	88	MR. SUNIL RAY	M	45	2001	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
19	91	MR. SURYAPRAKASH SINGH	M	53	2002	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
20	94	MR. INDRADEV DINKAR	M	45	2003	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	

SO. = Sodium Saccharin
CA. = Caustic soda

कारशाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे
पातळर विलयाकराज साधिकृत प्रमाणक शास्त्रविश्वक
क. ACS 31 UB/2016

FORM NO. 7

Name of certifying Surgeon
Dr. Uttam R. Babar

{Prescribed under Rule 18 (7)}
HEALTH REGISTER

From:
To:

{In respect of persons employed in occupations declared to be dangerous operations under Section 87}

RAMDEV CHEMICAL PVT.LTD. M.I.D.C., TARAPUR

Sr No	Works No.	Name of Worker	Sex	Age	Date of employment of present work	Date of Leaving or Transfer to other work	Reason for leaving / Transfer discharge	Nature of job or Occupation	Raw Material or Byproduct handled	Date of Medical Examination by Certifying Surgeon & Result of Medical Examination 03-03-2020	If suspended from work state of suspension with detailed reasons	Rectified fit to resume duty on with signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature With Date of Certifying Surgeon
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
21	99	MR. AYODHYA GUPTA	M	34	2004	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
22	100	MR. KHUM BAHADUR	M	39	2004	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
23	101	MR. DHARMENDRA SINGH	M	37	2004	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
24	106	MR. AVINASH PAWAR	M	34	2007	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
25	107	MR. ANIL TAMORE	M	49	2007	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
26	113	MR. ARUN KUMAR SAHI	M	37	2010	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
27	116	MR. KIRAN MULIK	M	31	2010	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
28	118	MR. GANESH RAVTYA	M	33	2011	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
29	119	MR. DEEPAK SINGH	M	33	2011	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
30	125	MR. PRAVEEN KUMAR PANDEY	M	50	2013	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
31	126	MR. JAGDISH SINGH	M	33	2013	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
32	129	MR. SUNIL YADAV	M	25	2014	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
33	130	MR. ASHOK PAWAR	M	49	2014	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
34	132	MR. RAJKAMAL SHARMA	M	27	2014	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
35	133	MR. NANHELAL SHARMA	M	38	2014	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
36	140	MS. PRATIMA CHAUBEY	F	38	2015	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
37	147	MR. VIKAS KUMAR SINGH	M	26	2016	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
38	150	MR. RAMSWARUP KUMAR DINKAR	M	23	2017	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
39	157	MR. SATISHKUMAR YADAV	M	21	2018	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
40	159	MR. MANISH KUMAR CHAURASIA	M	34	2019	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	

SO. = Sodium Sacchrin
CA. =Caustic soda

कारखाने अधिनियम १९४८ का कलम १०(२) प्रमाणे
पालघर विद्युत्कारिका प्रतिकूल प्रमाणक स्वास्थ्यचिन्तक
क. ACS 31 UB/2016

FORM NO. 7

Name of certifying Surgeon

Dr. Uttam R. Babar

{Prescribed under Rule 18 (7)}

HEALTH REGISTER

From:

To:

{In respect of persons employed in occupations declared to be dangerous operations under Section 87}

RAMDEV CHEMICAL PVT.LTD. M.I.D.C., TARAPUR

Sr No	Works No.	Name of Worker	Sex	Age	Date of employment of present work	Date of Leaving or Transfer to other work	Reason for leaving / Transfer discharge	Nature of job or Occupation	Raw Material or Byproduct handled	Date of Medical Examination by Certifying Surgeon & Result of Medical Examination	If suspended from work state period of suspension with detailed reasons	Rectified fit to resume duty on with signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature With Date of Certifying Surgeon
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	07	MS. SWETA DESHPANDE	F	34	2005	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
2	08	MS. PRITEE AKRE	F	35	2006	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
3	26	MS. AKSHATA DANDEKAR	F	27	2015	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
4	09	MS. SHWETA KUDU	F	35	2007	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
5	27	MS. AMRITA RAUT	F	33	2015	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
6	33	MS. SONALI CHAVAN	F	27	2016	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
7	71	MS. NEHA PATIL	F	24	2019	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
8	21	MS. BHAVIKA CHURI	F	27	2013	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
9	80	MS. HEMANGI PIMPLE	F	33	2020	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
10	61	MS. POOJA WAGHMARE	F	26	2019	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
11	46	MS. SNEHAL S. MHASKE	F	23	2018	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
12	11	MS. LAXMI R. CHAUHAN	F	34	2008	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
13	13	MS. KAMINI MORE	F	42	2009	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
14	32	MS. PRATIMA MISHRA	F	23	2016	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
15	38	MS. ASHWINI M. VILAYIL	F	25	2017	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
16	52	MS. KANCHAN R. SAHANI	F	23	2019	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
17	54	MS. VAIBHAVI MALI	F	24	2019	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
18	41	MS. NILAM G. ADKHALE	F	26	2018	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
19	53	MS. SWATI PUJARI	F	25	2019	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
20	139	MS. LAXMI MORE	F	39	2015	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	

SO. = Sodium Saccharin
CA. = Caustic sodaकारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे
यातधर विस्तारकारीचा अधिकृत स्वागतक आयुर्विज्ञानिक

क. ACS 31 UB/2016

FORM NO. 7

Name of certifying Surgeon

Dr. Uttam R. Babar

{Prescribed under Rule 18 (7)}
HEALTH REGISTER

From:

To:

{In respect of persons employed in occupations declared to be dangerous operations under Section 87}

RAMDEV CHEMICAL PVT.LTD. M.I.D.C., TARAPUR

Sr No	Works No.	Name of Worker	Sex	Age	Date of employment of present work	Date of Leaving or Transfer to other work	Reason for leaving / Transfer discharge	Nature of job or Occupation	Raw Material or Byproduct handled	Date of Medical Examination by Certifying Surgeon & Result of Medical Examination	If suspended from work state of suspension with detailed reasons	Rectified fit to resume duty on with signature of Certifying Surgeon	If certificate of fitness or suspension issued to worker	Signature With Date of Certifying Surgeon
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
21	137	MS. ANITA SURALKAR	F	38	2014	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
22	90	MR. VIRAJ RAUT	M	36	2001	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
23	19	MR. NIKHIL PATIL	M	29	2011	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
24	28	MR. SAMADHAN BHAMARE	M	26	2015	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
25	56	MR. SRIKANT SHUKLA	M	26	2019	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
26	23	MR. SWAPNIL NAPHADE	M	32	2014	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
27	12	MR. SANTOSH KUMAR YADAV	M	34	2009	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
28	45	MR. MANUJESH KUMAR TIWARI	M	26	2018	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
29	96	MR. BHULAN PATEL	M	56	2004	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
30	86	MR. RANAPRATAP SHARMA	M	35	2000	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
31	72	MR. AJEET PHATAK	M	39	2019	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
32	59	MR. ANIL JAGADALE	M	26	2019	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
33	03	MR. SURESH B. SINGH	M	55	2000	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
34	67	MR. YOGENDRA LAL SRIVASTAVA	M	63	2016	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
35	17	MR. PRASHANT VANMALI	M	35	2010	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
36	67	MR. PAWAN KUMAR RAI	M	36	2020	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
37	01	MR. MAHENDRA YADAV	M	55	2000	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
38	58	MR. TANMAY MARATHE	M	37	2019	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
39	4	MR. DHARMENDRA SHARMA	M	47	2000	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
40	6	MR. DIPESH PATIL	M	42	2005	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	

SO. = Sodium Saccharin

CA. =Caustic soda

कारखाने अधिनियम १९४६ च्या कलम १०(२) प्रमाणे
भातवर विस्फोटक ठीका अतिशुद्ध प्रमाणक शल्यचिकित्सक

M. ACS 31 UB/2016

FORM NO. 7

Name of certifying Surgeon

Dr. Uttam R. Babar

{Prescribed under Rule 18 (7)}
HEALTH REGISTER

From:

To:

{In respect of persons employed in occupations declared to be dangerous operations under Section 87}

RAMDEV CHEMICAL PVT.LTD. M.I.D.C., TARAPUR

Sr No	Works No.	Name of Worker	Sex	Age	Date of employment of present work	Date of Leaving or Transfer to other work	Reason for leaving / Transfer discharge	Nature of job or Occupation	Raw Material or Byproduct handled	Date of Medical Examination by Certifying Surgeon & Result of Medical Examination	If suspended from work state period of suspension with detailed reasons	Rectified fit to resume duty on with signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature With Date of Certifying Surgeon
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
41	10	MR. ASHISH SINGH	M	37	2008	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
42	14	MR. SANDEEP KUMAR SINGH	M	36	2010	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
43	16	MR. LALJI R. YADAV	M	50	2010	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
44	18	MR. RAVINDRA R. PRASAD YADAV	M	31	2010	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
45	20	MR. RAMESH RATHOD	M	46	2013	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
46	24	MR. DIXIT DHAMELIYA	M	26	2014	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
47	25	MR. SANDIP LAKKAD	M	28	2014	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
48	36	MR. PRATHMESH RANE	M	25	2017	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
49	37	MR. VIJAY KUMBHAR	M	27	2017	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
50	39	MR. VINAY KUMAR P. SINGH	M	28	2017	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
51	40	MR. DAYA SAGAR YADAV	M	29	2018	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
52	44	MR. AJAY WARADE	M	27	2018	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
53	47	MR. GUNDAPPA MADYAL	M	22	2018	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
54	48	MR. PAWAN BASWANT	M	23	2018	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
55	55	MR. VINOD S. THORAT	M	24	2019	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
56	57	MR. VIJAY WARADE	M	28	2019	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
57	62	MR. RAVINDRA PATIL	M	29	2019	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
58	63	MR. HARIDAS LAHANE	M	23	2019	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
59	64	MR. MISBAHAUDDIN KHAJA	M	30	2019	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	
60	73	MR. RAJENDRA KUMAR JAGDALE	M	28	2019	N. A.	N. A.	Staff	Nil	Fit	No	N. A.	N. A.	

SO. = Sodium Sacchrin

CA. =Caustic soda

कारखाने अधिनियम १९४६ च्या कलम १०(२) प्रमाणे
पालघर विस्तारकरीता अधिकृत प्रमाणक आल्फाविकिटिक

क. ACS 31 UB/2016

FORM NO. 7

Name of certifying Surgeon

Dr. Uttam R. Babar

{Prescribed under Rule 18 (7)}
HEALTH REGISTER

From:

To:

{In respect of persons employed in occupations declared to be dangerous operations under Section 87}

RAMDEV CHEMICAL PVT.LTD. M.I.D.C., TARAPUR

Sr No	Works No.	Name of Worker	Sex	Age	Date of employment of present work	Date of Leaving or Transfer to other work	Reason for leaving / Transfer / discharge	Nature of job or Occupation	Raw Material or Byproduct handled	Date of Medical Examination by Certifying Surgeon & Result of Medical Examination	If suspended from work state period of suspension with detailed reasons	Rectified to resume duty on with signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature With Date of Certifying Surgeon
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
61	76	MR. SURAJ KUMAR MISHRA	M	26	2020	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
62	78	MR. SANJAY P. JADHAV	M	34	2020	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
63	79	MR. KIRAN S. JADHAV	M	27	2020	N.A.	N.A.	Staff	Nil	Fit	No	N.A.	N.A.	
64	83	MR. TEK BAHADUR KHATRI	M	43	2000	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
65	89	MR. LALJI YADAV	M	37	2001	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
66	92	MR. PANDHARI YADAV	M	40	2002	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
67	95	MR. NITIN KAMBLI	M	34	2004	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
68	97	MR. VIRENDRA YADAV	M	34	2004	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
69	102	MR. BHUPENDRA PRAJAPATI	M	46	2004	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
70	103	MR. RAMADIN RAJBANSHI	M	50	2004	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
71	104	MR. AMARJEET PASWAN	M	33	2005	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
72	108	MR. DINESH PATIL	M	29	2007	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
73	109	MR. NIRBHAY SHUKLA	M	40	2008	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
74	111	MR. MAINBAHADUR YADAV	M	33	2008	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
75	112	MR. NILESH PATIL	M	41	2009	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
76	114	MR. ASHOK TIWARI	M	51	2010	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
77	115	MR. UMAKANT YADAV	M	30	2010	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
78	117	MR. PREM THAPA	M	29	2011	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
79	121	MR. OMPRAKASH SHARMA	M	42	2012	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	
80	122	MR. MAHENDRA R. YADAV	M	47	2012	N.A.	N.A.	Worker	SO, CA.	Fit	No	N.A.	N.A.	

SO. = Sodium Sacchrin

CA. =Caustic soda

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे
पातळार बिल्दाकरीता प्रमाणित प्रमाणक सत्यविवेचितक

७. ACS 31 UB/2016

FORM NO. 7

Name of certifying Surgeon
Dr. Uttam R. Babar

{Prescribed under Rule 18 (7)}
HEALTH REGISTER

From:
To:

{In respect of persons employed in occupations declared to be dangerous operations under Section 87}

RAMDEV CHEMICAL PVT.LTD. M.I.D.C., TARAPUR

Sr No	Work s No.	Name of Worker	Sex	Age	Date of employment of present work	Date of Leaving or Transfer to other work	Reason for leaving / Transfer discharge	Nature of job or Occupation	Raw Material or Byproduct handled	Date of Medical Examination by Certifying Surgeon & Result of Medical Examination	If suspended from work state of suspension with detailed reasons	Rectified fit to resume duty on with signature of Certifying Surgeon	If certificate of un fitness or suspension issued to worker	Signature With Date of Certifying Surgeon
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
81	123	MR. DILEEP KUMAR SINGH	M	37	2012	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
82	124	MR. SANTOSH PAGDHARE	M	44	2013	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
83	127	MR. RAMDULAR YADAV	M	49	2014	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
84	128	MR. SANIA MAJHI	M	40	2014	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
85	134	MR. INDRAJIT YADAV	M	37	2014	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
86	135	MR. CHANDRAKAMAL SHARMA	M	26	2014	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
87	136	MR. CHANDRADEV PRASAD	M	34	2014	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
88	138	MR. RAHUL KUMAR DINKAR	M	25	2015	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
89	141	MR. DEEPAK SINGH	M	30	2015	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
90	142	MR. AMIT RAJPUT	M	39	2015	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
91	144	MR. GULABCHAND YADAV	M	41	2015	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
92	145	MR. KALLU SAROJ	M	50	2016	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
93	146	MR. SHIVPRAKASH YADAV	M	31	2016	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
94	148	MR. KAILASH SAROJ	M	34	2016	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
95	149	MR. GOLU SHARMA	M	22	2016	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
96	153	MR. AMRESH TIWARI	M	43	2017	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
97	155	MR. RAMDAS TAMORE	M	50	2018	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
98	156	MR. DIPAK B. PATIL	M	34	2018	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	
99	158	MR. ANKIT SINGH	M	20	2019	N.A.	N.A.	Worker	SO,CA.	Fit	No	N.A.	N.A.	

SO. = Sodium Saccharin
CA. =Caustic soda

कारखाने अधिनियम १९४६ च्या कलम १०(२) प्रमाणे
पालघर जिल्हाकरीता अधिकृत प्रमाणक सत्यविवेचक

क. ACS 31 UB/2016



Towards sustainable growth

Mumbai Waste Management Limited

Certificate

M/s. Ramdev Chemical Pvt. Ltd.

is a registered member of

CHW-TSDF at MIDC, Talaja

for safe & secure disposal of

Hazardous Waste.

Membership no.: MWML - HzW - TAR - 465...

This Certificate is valid up to

31st March 2021...

Onkar A. Kulkarni
Manager - MBD

Somnath Malgar
Director

An ISO 9001:2015, ISO 14001 : 2015 & ISO 45001 : 2018 Certified Company
MWML Laboratory is accredited by NABL and Approved by MoEF



Report of Mock drill conducted on 24th Dec 2019 at RCPL

Scenario:

In IBR boiler house Thermo pack boiler (05/TP-01) fired due to electric short circuit and starts a fire. Mr.Kallu Saroj and Mr.Kailas Saroj was working there.

03:30 pm:

Mr.Ankit Singh working near RO plant he observed that in (05/TP-01) caught fire. They shouted and informed Mr. Thapa who was working near IBR Boiler.

3:32 pm:

Mr. Thapa (Boiler Operator) immediately reached on the spot to find that there was a fire. He immediately contacted the Security gate & informed to Sr.Manager (HR) Mr.Subhas Patil.

3:33 pm:

Mr.Thapa Shouted Fire that time Plant - D chemist Mr.Subhas Karape reached the location and he use ABC type fire extinguisher but fire intensity was more and extinguisher was not sufficient to control the fire.

3:34 pm:

Mr.Subhas Patil reached the Accident spot along with Safety Officer Mr.Ravindra Patil. He inform to firefighting team and rescue team, and team was reached on accidental place and extinguish the fire. After rescue team rescue the Mr.Kallu Saroj & Kailas Saroj and sent to near eye shower.

3:36 pm:

Mr.Sunil Yadav (Security Guard) reached along with emergency vehicle at spot. MR.Nikhil Patil & Mr.Anil Jagdale shifted MR.Kailas & MR.Kallu Saroj to Emergency vehicle for further treatment.

3:37 pm:

Emergency vehicle left the spot to hospital for further treatment.

3:38 pm:

Fire was completely extinguished with the help of Hydrant System.
All the employees evacuated out of the spot and gathered at Assembly point.

A meeting was held on the spot to study the observations and take corrective and Preventive action.



Following were the Observations made:

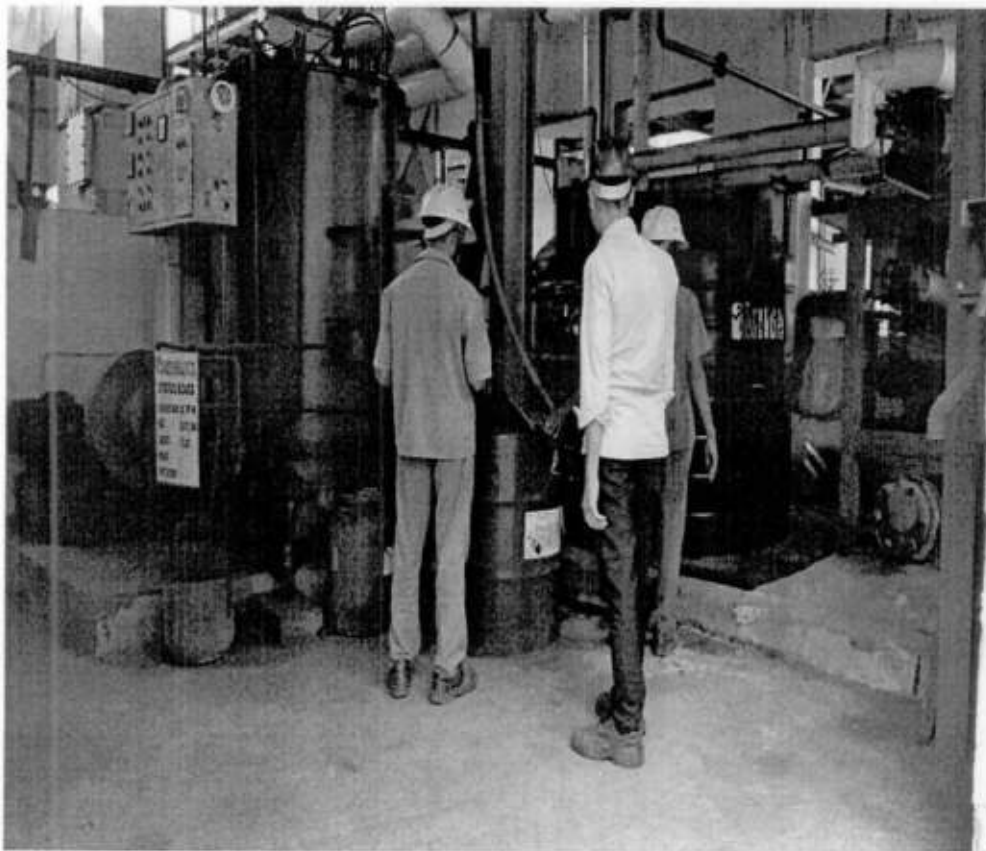
- 1) Electric short circuit due to fire.
- 2) Eye wash shower not available near the location.
- 3) OHC not available at the site.
- 4) Ambulance not available at the site.
- 5) Team is not train proper

Corrective actions taken.

- 1) All boiler Electric connection check.
- 2) Eye wash shower installed near store.
- 3) OHC requirement discuss with Plant head.
- 4) Ambulance required discuss with plant head.
- 5) Planning for Mock drill every month.

Photos:

1) Work In IBR Boiler House near (05/TP-01)





2) Inform to Mr.Thapa

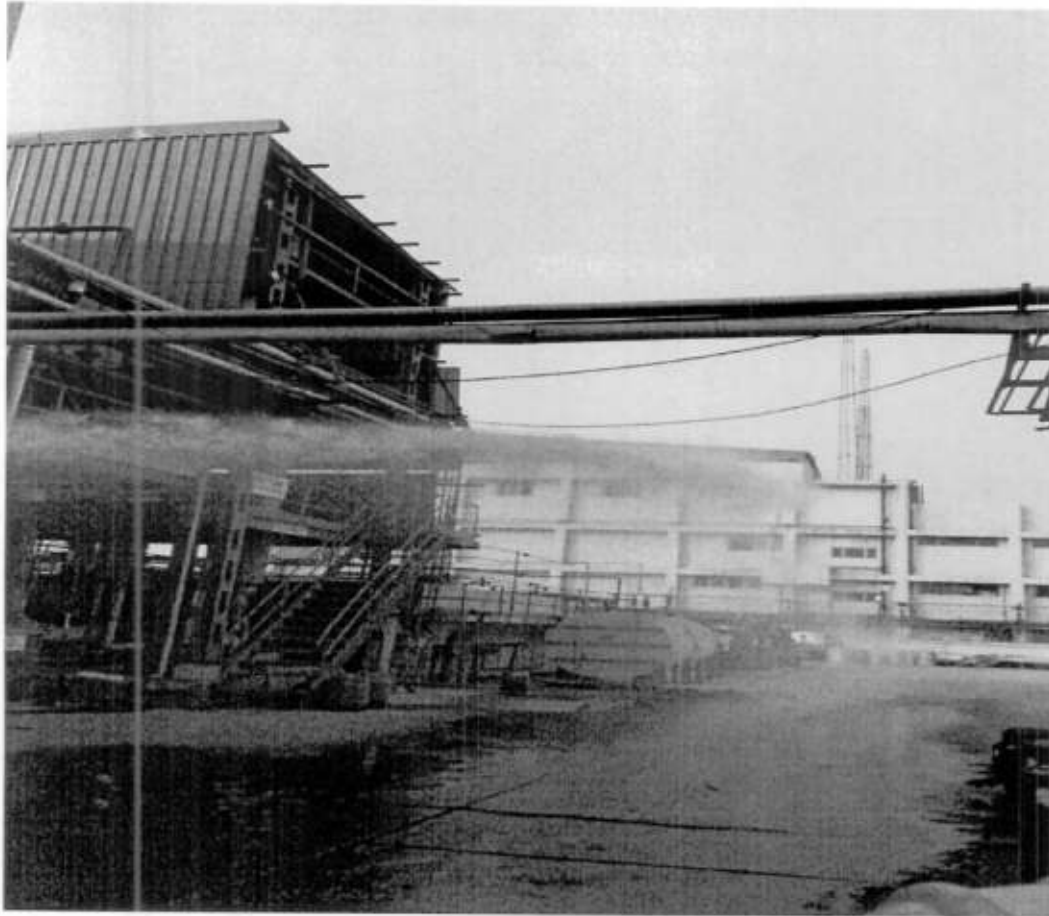


3) Extinguish the Fire





RAMDEV CHEMICAL PVT. LTD.
Mock Drill Reports





4) Rescue
Operation



5) Washing with water:



6) Send to him Hospital (Emergency Vehicle)

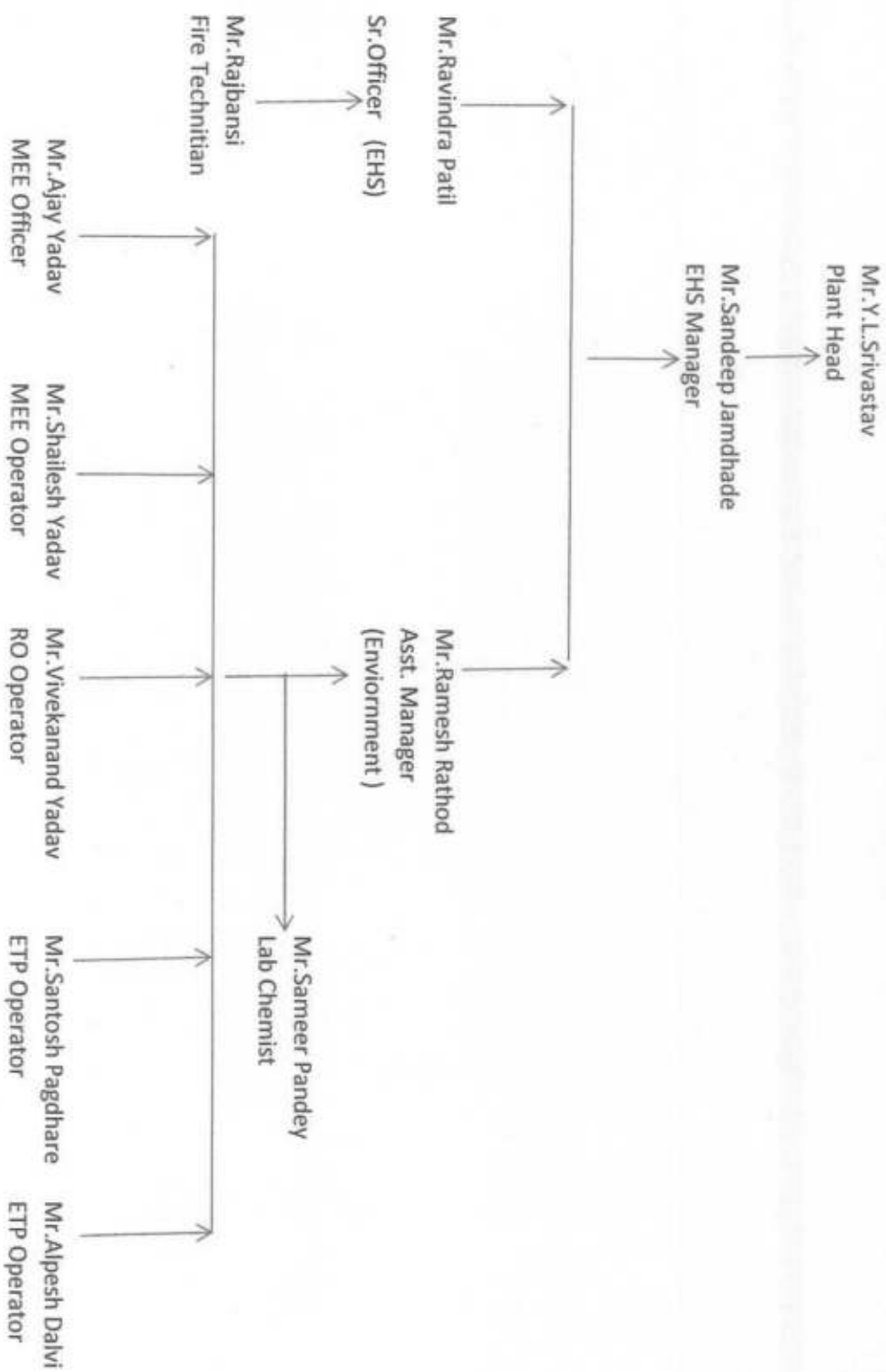




6) Gather at Assembly point & Discussion



RAMDEV CHEMICAL PVT LTD
Organogram of EHS Department



Prepared By

Rajbansi

Checked By

[Signature]



Annexure - X Sadekar Enviro Engineers Pvt. Ltd.

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604, Maharashtra State, India.
☎ : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

SAVE WATER
SAVE LIFE

Gazetted By Ministry of Environment & Forest Govt Of INDIA. S. O. 857 (E), Valid upto 25/02/2023 • QCI-NABET Accredited EIA Consultant

ANALYSIS TEST REPORT FOR AMBIENT AIR QUALITY MONITORING REPORT

Report No	SEETL200001297	Report Date	30/09/2020
Name of Client	M/s. RAMDEV CHEMICALS PVT.LTD.		
Address of Client	Plot No. E-41& E-129, MIDC, Tarapur Industrial Area, , Boisar, Tal & Dist Palghar-		
Order / Reference	NSK - MT/051 Dated 14 /05/2020		
Date Of sampling	22/09/2020	Sample Receipt Date	23/09/2020
Analysis Started on	24/09/2020	Analysis Completed On	29/09/2020
Sample Collected By	SEETL Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Environmental Condition of Lab	Temperature(°C)	24.8	Humidity (%) 58

AMBIENT AIR STATION

Location of H.V.S.	Near Main Gate		
Lateral Distance	5.0 Meter from Main Gate		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature(°C)	27	Humidity (%)	90
Wind Speed (km/hr)	11	Wind Direction (deg)	NW,306
Instruments Used	R.D.S.(APM- 460), F.P.S.(APM – 550) & G.P.S.(APM – 411)		

POLLUTIONAL PARAMETERS

Parameters	Result	Units	NAAQS Limits	Method
PM ₁₀	58	µg/m ³	100.00	IS 5182 (Part 23): 2006 (RA 2012)
PM _{2.5}	25	µg/m ³	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
SO ₂	16	µg/m ³	80.00	IS 5182 (Part 2): 2001 (RA 2012)
NO _x	23	µg/m ³	80.00	IS 5182 (Part 6): 2006 (RA 2012)
Ozone (O ₃)	22	µg/m ³	180.00	Method No. 401 Based on Methods of Air Sampling and analysis-3 rd edition by J P Lodge
Lead (Pb)	<0.1	µg/m ³	1.00	NDIR IS 5182 (Part 10) C : 1999 (RA 2014)
Carbon Monoxide(CO)	1	mg/m ³	4.00	EPA compendium method IO 3.5
Ammonia (NH ₃)	<20	µg/m ³	400.00	IS 5182 (Part 11) :2006 (RA 2012)
Arsenic (As)	<5	ng/m ³	6.00	EPA compendium method IO 3.5
Nickel (Ni)	<5	ng/m ³	20.00	EPA compendium method IO 3.5
Benzene (C ₆ H ₆)	<1	µg/m ³	5.00	IS 5182 (Part IX): 1974
Benzo(a)Pyrene	<0.025	ng/m ³	1.00	IS 5182 (Part 12): 2004 (RA 2014)

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.
2) The above results relate only to the item tested.
3) PM₁₀-Particulate Matter of size < 10 µm
4) PM_{2.5} - Particulate Matter of size < 2.5 µm
5) NAAQS-National Ambient Air Quality Standards



Authorized Signatory
Nilesh Naik

BRANCH OFF. : 310, Dempo Towers, EDC Patto, Panaji-403 001, Goa State, India ☎ : (0832) 2437048 / 2437164
E-mail : sadekarenviro@rediffmail.com • Website : www.sadekarenviro.com

LABORATORY : B-306/307, Plot No. 61, Patel Estate, Reis Magos, Verem, Alto, Old Betim Road, Bardez, Porvorim, Panaji-Goa-403 101.
Goa State, India. ☎ : (0832) 2411322 / 23 • E-mail : starlabgoa@rediffmail.com • CIN No. U45209MH1998PTC-116379



Annexure - XI

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2020

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000026265

Submitted Date

17-09-2020

Company Information

Company Name

RAMDEV CHEMICAL PVT.LTD

Application UAN number

MPCB-CONSENT-0000027088

Address

PLOT NO.E-41& E-129, MIDC , TARAPUR

Plot no

PLOT NO.E-41& E-129, MIDC , TARAPUR

Taluka

PALGHAR

Village

MIDC TARAPUR

Capital Investment (In lakhs)

2244.00

Scale

L.S.I

City

PALGHAR

Pincode

401506

Person Name

MR.PABITRA KUMAR BHATTACHARYA

Designation

DIRECTOR

Telephone Number

02525661046

Fax Number

Email

sandeep.jamdhade@ramdev.ipca.com

Region

SRO-Tarapur I

Industry Category

Red

Industry Type

R58 Pharmaceuticals

Last Environmental statement submitted online

yes

Consent Number

Format 1.0/BO/AST/UAN
NO.0000027088/O/CC-1710000570

Consent Issue Date

05/03/2020

Consent Valid Upto

31/10/2022

Product Information

Product Name

Benzocaine

Consent Quantity

30000.00

Actual Quantity

20020

UOM

Kg/Annum

Piraxicam

30000.00

12090

Kg/Annum

6 Chloro 2 Oxindol

24000.00

1140

Kg/Annum

Mirtazapine

2400.00

230

Kg/Annum

Entacapone

12000.00

1950

Kg/Annum

Methyl Benzothiazine isopropyl Ester

36000.00

31720

Kg/Annum

Celecoxib INT

24000.00

22730

Kg/Annum

2 Amino 5 methyl thiazol

24000.00

13060

Kg/Annum

Ziprasidone INT

36000.00

1440

Kg/Annum

Metaxalone INT

24000.00

6250

Kg/Annum

Finofibrate

24000.00

1640

Kg/Annum

Meloxicam INT

24000.00

530

Kg/Annum

By-product Information**By Product Name**

By Product Name	Consent Quantity	Actual Quantity	UOM
--NA--	0	0	Kg/Annum

1) Water Consumption in m3/day**Water Consumption for Process****Consent Quantity in m3/day****Actual Quantity in m3/day**

Cooling

124.5

20.5

Domestic

6.3

2.5

All others

20

3.5

Total

183.8

30.7

1) Effluent Generation in CMD / MLD**Particulars****Consent Quantity****Actual Quantity****UOM**

TRADE EFFLUENT

65.64

20.15

CMD

DOMESTIC EFFLUENT

5.67

3.5

CMD

DOMESTIC EFFLUENT

5.67

3.5

CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)**Name of Products (Production)****During the Previous financial Year****During the current Financial year****UOM**

Pharmaceuticals (excluding formulation)

0.016

1.15

CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)**Name of Raw Materials****During the Previous financial Year****During the current Financial year****UOM**

Sodium saccharine

1.78

1.82

Kg/Annum

Di methyl formamide

1.06

1.07

Kg/Annum

Iso propyl chloro acetate

1.34

1.35

Kg/Annum

Soda Ash

1.7

1.6

Kg/Annum

Di methyl Sulphate

1.48

1.47

Kg/Annum

Sodium metal

0.41

0.42

Kg/Annum

2 Amino pyridine

0.38

0.39

Kg/Annum

Methylene Di chloride

7.4

7.3

Kg/Annum

Acetic Acid glacial

5.62

5.5

Kg/Annum

Ethyl Acetate

8.78

8.75

Kg/Annum

Tri Ethyl silane

1.98

1.99

Kg/Annum

Tri fluoro acetic acid

11.4

11.6

Kg/Annum

Sodium Nitrite

1.22

1.23

Kg/Annum

IPA + HCL

1.73

1.75

Kg/Annum

3-Chloro-1,2-benziso thiazole

0.97

0.97

Kg/Annum

Piperazine anhydrous

2.63

2.64

Kg/Annum

Tertiary butanol

0.85

0.86

Kg/Annum

Vanillin	1.16	1.18	Kg/Annum
Para Amino Benzoic acid	0.79	0.80	Kg/Annum
Toluene	1.8	1.9	Kg/Annum
Aluminium Chloride Anhydrous	3.90	3.91	Kg/Annum
Chloro Acetyl Chloride	1.44	1.45	Kg/Annum
Pyridine	0.1	0.1	Kg/Annum
Thio urea	1.47	1.48	Kg/Annum
Triglycidyl Isocyanurate	0.02	0.01	Kg/Annum
3,5 - Xylenol	1.01	1.02	Kg/Annum
Caustic Potash	0.12	0.13	Kg/Annum
Ortho Xylene	1.39	1.4	Kg/Annum
Methanol	21.3	21.4	Kg/Annum
Iso Propyl Alcohol	5.42	5.4	Kg/Annum
Hyflow	0.55	0.57	Kg/Annum
Activated Carbon	0.13	0.14	Kg/Annum
4-Amino Benzene sulfonamide	2.06	2.07	Kg/Annum
Caustic Soda	2.94	2.95	Kg/Annum
Liquar Amonia	6.68	6.5	Kg/Annum
Hydrochloric Acid	9.97	9.98	Kg/Annum
Sulphuric Acid	2.20	2.29	Kg/Annum
Nitric Acid	2.59	2.60	Kg/Annum
Sodium bi sulphite	4.01	4.04	Kg/Annum

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
COAL	735840	729820	Kg/Annum
LDO	12614	0	Kg/Annum
FO	254040	10000	Kg/Annum

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
PH	NA	NA	0	5.5 - 9.0	ZLD PLANT
COD	NA	NA	0	250 mg / l	ZLD PLANT
BOD	NA	NA	0	100 mg / l	ZLD PLANT
SS	NA	NA	0	100 mg / l	ZLD PLANT
OIL & GREASE	NA	NA	0	10 mg / l	ZLD PLANT
TDS	NA	NA	0	2100 mg / l	ZLD PLANT
CHLORIDE	NA	NA	0	600 mg / l	ZLD PLANT
SULPHATE	NA	NA	0	1000 mg / l	LD PLANT

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
SPM / TPM	93	--	60.23	150 mg / l	NA
SO2 (BOILER)	--	51.23	87.49	57.6 Kg / D	NA

HAZARDOUS WASTES**1) From Process**

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
20.3 Distillation residues	69.980	70.15	MT/A
28.1 Process Residue and wastes	0	42.24	MT/A
28.4 Off specification products	0	8.22	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.3 Chemical sludge from waste water treatment	26.810	34.03	MT/A

SOLID WASTES**1) From Process**

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Plastic waste	0	4.525	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
20.3 Distillation residues	70.15	MT/A	CHWTSDF , TALOJA
35.3 Chemical sludge from waste water treatment	34.03	MT/A	CHWTSDF , TALOJA
28.1 Process Residue and wastes	42.24	MT/A	CHWTSDF , TALOJA
28.4 Off specification products	8.22	MT/A	CHWTSDF , TALOJA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	MT/A	NA

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
E.T.P Operation cost , Cost of consumables , cost of analysis of effluent , electrical energy , enviornment audit , statement report , water supply , house keeping	0	0	0	0	0	0

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
At presnt the existing enviornment p[rotection system are considered to adequate. For treatment of waste water. company has provided effluent treatment plant	Oil separator tank, equalization tank , aeration tank, sand & carbon firtres , drying bed for sludge , storage tanks and MEE & RO provided to achieve ZLD	313

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Rain water harvesting & poly house to be installed	Natural resources conservation	20

Any other particulars in respect of environmental protection and abatement of pollution.

Particulars

Environment and safety aspects is of prime importance and is incorporated at the design and energy aspects of partition. The storage terminal is followed and latest and up to date features for the equipment and personnel as also for the surrounding environment. The important features of environment and safety with respect to the terminal is being is examined. The green drive is major contribution to create environment clean & healthy. due to this environmental balanced achieved.

Name & Designation

Mr. Pabitra kumar Bhattacharya