

16.12.2023

To
The Environmental Engineer,
A.P. Pollution Control Board,
Regional Office, D.No. 6-3-145,
Ram Nagar, Revenue Ward No.6,
Ananthapuram - 515004,

Sub: Submission of E.C compliance report for the period of April-2023 -Sep-2023.

Ref : E.C. No. J-11011/180/2016-IA-II (I) dated on 21st Aug-2019.

Dear Sir / Madam,

We are here with submitting the half yearly compliance report for the **Environmental Clearance (E.C)** conditions compliance report for the period of **April - 2023 to Sep- 2023** along with supporting documents. This is for your information and necessary record.

We kindly request you to find the same as mentioned above and acknowledge the receipt of the same.

C.C :

1. **The Ministry of Environment, Forests & Climate Change,
Integrated Regional Office, Vijayawada, GJ5P+C75,
Buckinghampeta Vijayawada - 520002.**
2. **APPCB Zonal Office, 1st Floor, Shanker Shopping Complex, Krishna Nagar Railway
Gate, Kurnool - 518 002.**

Thanking you,

For R L Fine Chem Pvt. Ltd. (Hindupur)


Mr. Munirathnam K.

Factory manager

R L Fine Chem Private Limited
Plot No. 165 to 182,
APIC Growth Center,
Thumakunta, Hindupur,
Andhra Pradesh, India. Pin - 515 211.

16.12.2023

To
The Joint Chief Environmental Engineer,
A.P. Pollution Control Board, Zonal Office,
1st Floor, Shankaer Shopping Complex,
Krishna Nagar, Main Gate,
Kurnool - 518002

Sub: Submission of E.C compliance report for the period of April-2023 –Sep-2023.

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- 1. The Ministry of Environment, Forests & Climate Change,**
Integrated Regional office, Vijayawada, GJ5P+C75, Buckinghampeta,
Vijayawada – 520002, Andhra Pradesh.
- 2. APPCB Regional Office, A.P. Pollution Control Board, Regional Office,**
D.No. 6-3-145, Ram Nagar, Revenue Ward No.6 Ananthapuram – 515001.

Thanking you,

For R L Fine Chem Pvt. Ltd. (Hindupur)


Mr. Munirathnam K.

Factory Manager

R L Fine Chem Pvt. Ltd.

Plot No. 165 to 182,

A.P.I.I.C. Industrial Estate,

Chennur, Hindupur - 515211

RLFC HEALING
STARTS HERE

R L Fine Chem Pvt. Ltd.,

"RLFC HOUSE", Plot No. C-10, 1st Cross, KSSIDC Industrial Estate,
Yelahanka New Town, Bengaluru 560064 Karnataka, India
t +91 80 4248 8999 e info@rlfinechem.com

16.12.2023

To

The Ministry of Environment, Forests & Climate Change
Integrated Regional office, Vijayawada, GJSP-C75,
Buckinghampeta, Vijayawada – 520002,
Andhra Pradesh.

Sub: Submission of E.C compliance report for the period of April-2023 –Sep-2023.

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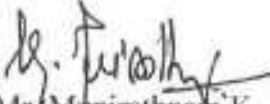
We kindly request you to find the same as mentioned above and acknowledge the receipt of the same.

C.C: 1. APPCB Zonal Office, 1st Floor,Shanker Shopping Complex, Krishna Nagar Railway Gate, Kurnool - 518 002.

2. APPCB Regional Office, A.P. Pollution Control Board, Regional Office,
D.No. 6-3-145,Ram Nagar, Revenue Ward No.6 Ananthapuram - 515001

Thanking you,

For R L Fine Chem Pvt. Ltd. (Hindupur site)


Mr. Manirathnam K

Factory Manager

R L Fine Chem Pvt. Ltd.

Plot No. 165 to 192,
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 211
Andhra Pradesh

**EC Half Yearly
Submission
Month of
September -
2023**

RL FINE CHEM PVT LTD, HINDUPUR

MOEF Conditions Compliance status Report

(For the period of April -2023 to Sep -2023)

SPECIFIC CONDITIONS

| S. No | Condition | Status |
|-------|--|---|
| 1. | Existing land area is 4.32 acres and no additional land shall be required for the proposed expansion. Green belt will be developed in 33% i.e.1.42 acres of the total project area. | Complied We have earmarked the area for green belt and being maintained as per CPCB guidelines |
| 2. | Total water requirement is estimated to be 67.9 cum/day, which includes fresh water requirement of 39.9 cum/day, proposed to be met from APIIC water supply. Effluent of 30.9 cum/day quantity of will be treated through stripper, Multiple Effect Evaporator and Agitated thin film dryer for high TDS stream. Low TDS effluent will be treated in ETP followed by RO system. Treated effluent of 28 cum/day shall be reused in the process there will be no discharge of treated/untreated waste water from the unit and thus ensuring Zero liquid discharge | Total water requirement is 67.9KLD it includes 39.9KLD fresh water. Effluents are treated in MEE and ETP followed by RO system. Treated water are used for reuse within the plant ensuring ZLD. |
| 3. | The company shall explore the possibility for separate treatment of high COD/TDS effluent streams. | Complied Effluent streams generated are categorised based on the COD and TDS load as mentioned Below and will be treated separately. 1. Low COD/TDS Stream, 2. High COD/TDS stream, 3. Non Process stream - Effluent from Utilities |
| 4. | Power requirement after expansion will be 500 KVA, proposed to be met from Andhra Pradesh state power Distribution corporation limited (APSPDCL). Existing unit has one DG Set of 200KVA capacity. Additionally, 1*250 KVA DG set will be used as standby during power failure stack height 3.2m will be provided as per CPCB norms to the proposed DG set. Existing unit has one briquette fired boiler of capacity 2TPH. To cater the proposed expansion, one more boiler of capacity 2TPH will be installed along with multi cyclone | Agreed for the condition and Complied Fuel gas from Boiler Installed along with multi cyclone separator, and are vented through Mechanical Dust Collector (MDC) Boiler stack height is 30 mtrs. To control the particulate emission's DG sets are provided with Acoustic enclosures to mitigate the noise pollution. Stack height 15m provided |

RL FINE CHEM PVT LTD, HINDUPUR

MOEF Conditions Compliance status Report

(For the period of April -2023 to Sep -2023)

| S. No | Condition | Status |
|-------|---|--|
| | separator and stack of height of 30m to control the particulate emissions (within statutory limits of 115mg/Nm ³) | Monitoring reports attached and DG set Acoustic with stack as Annexure-I and Annexure-II |
| 5. | The project/activity is covered under category B of 5(f) synthetic organic chemical of schedule to the environment impact assessment (EIA) notification,2006 however due to applicability of general condition (interstate boundary within 5 km) the proposal requires appraisal/ approval at central level in the ministry | Noted |
| 6. | The standard terms of reference for the project was granted on 31 st January, 2018 public hearing is exempted as the project site is located inside the notified industrial area. | Noted |
| 7. | Necessary permission as mandated under the water (prevention and control of) Act 1974 and the Air(Prevention and control of pollution) Act1981, as applicable from time to time , shall be obtained from the State Pollution Control Board | Complied CFE and CFO obtained from APPCB. Copy of the same is attached as Annexure- III & IV |
| 8. | As already committed by the project proponent, Zero liquid discharge shall be ensured and no waste treated water shall be discharged outside the premises | Complied Zero liquid discharge plant is in place, we recycle the treated water within the premises |
| 9. | Necessary authorization required under the Hazardous and Other Wastes (Management and Trans Boundary Movement) rules 2016 Solid Waste Management rules 2016 shall be obtained and the provisions contained in the rules shall be strictly adhered to. | Complied Obtained combined consent of operation and authorization from APPCB with CFO No. <u>232/APPCB/ATP/KNL/CFO/HO/2020</u> |
| 10. | National Emission Standard for bulk drugs manufacturing industry issued by the ministry vide GSR .149(E) dated 4th march, 2009 and amended from time to time shall be followed. Fugitive emissions shall be controlled at 99.98% with effective chillers | Complied We provided control measures like double condensers to reactors, scrubbers and effective chillers to control fugitive emissions. |

RL FINE CHEM PVT LTD, HINDUPUR

MOEF Conditions Compliance status Report

(For the period of April -2023 to Sep -2023)

| S. No | Condition | Status |
|-------|--|---|
| | | Photocopy of the same attached as Annexure-V |
| 11. | No raw material/solvents prohibited by the concerned regulatory authorities from time to time shall be used | Noted |
| 12. | To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and or the NAAQ the gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines | Complied Pollution control devices like two staged condenser and Scrubbers, installed and maintained as per guidelines And followed CPCB/SPCB guidelines |
| 13. | Solvent management shall be carried out as follows a) Reactor shall be connected to chilled brine condenser system b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. c) The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery d) Solvents shall be stored in a separate space specified with all safety measures e) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done f) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses g) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation | Following control measures provided at site a. Chilled brine circulation provided to reduce the solvent losses b. Solvents are transferred using pumps having mechanical seal to prevent leakages c. The condensers are provided with efficient HTA with cooling and chilling provision d. Solvents are stored in separate storage room e. Double earthing provided to all electrical equipments wherever solvent handling is done and additionally jumpers are provided at each flanges of transfer line. f. FLP electrical fitting provided at chemical storage and handling areas. And breather valve provided to vents of solvent tankers g. Not required as all solvent storage tanks are below ground. |

RL FINE CHEM PVT LTD, HINDUPUR
MOEF Conditions Compliance status Report

(For the period of April -2023 to Sep -2023)

| S. No | Condition | Status |
|-------|--|---|
| 14. | Total fresh water requirement shall not exceed 39.9 cum/day, proposed to be met from APIIC Water supply prior permission in this regard shall be obtained from the concerned regulator authority | Noted |
| 15. | Process effluents /any waste water shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system | Complied Effluents collected through proper lines The storm water is having separate lines. |

RL FINE CHEM PVT LTD, HINDUPUR **MOEF Conditions Compliance status Report**

(For the period of April -2023 to Sep -2023)

| | | |
|-----|---|--|
| 16. | Hazardous chemical shall be stored in tank farms drums a carboys etc. Flame arrester shall be provided on tank farm, and solvent transfer through pumps. | Complied Hazardous chemical are stored in tank farm with dyke facility and drums and carboys are stored separately. Flame arrester are provided on tank farm and solvent transfer done through pumps. |
| 17. | Process organic residue and spent carbon, if any shall be sent to cement industries. ETP sludge, process inorganic and evaporation salt shall be disposed off to the TSDF | Complied We had agreements with TSDF and co processing with PCB authorized vendors. Agreement with TSDF is attached as Annexure-VI |
| 18. | The company shall strictly comply with the rules and guidelines under manufacture storage and import of hazardous chemicals(MSIHC) Rules,1989 as amended time to time all transportation of hazardous chemicals shall be as per the motor vehicle act (MVA),1989 | Complied |
| 19. | Fly ash should be stored separately as per CPCB guidelines so that it may not adversely affect the air quality. Direct exposure of workers to fly ash and dust should be avoided | Complied Followed all prescribed guidelines Necessary PPE's are provided to avoid the dust exposure. |
| 20. | The company shall undertake following waste Minimization measures a)Metering and control of quantities of active ingredients to minimize waste b)Reuse of by-products from the process as raw materials or as raw material suitable in other processes c)Use of automated filling to minimize spillage. d)Use of "Close Feed" system into batch reactors e)Venting equipment through vapour recovery system f)Use of high pressure hoses for equipment clearing to reduce wastewater generation | Noted a. Only required quantity for the batch are taken and charged under closed to loop to minimize the waste b. Reuse of by-products from the process as a raw materials using very ever necessary c. Using pump with mechanical seal and vacuum to avoid the spillage d. Close Feed system adopted during batch starting in reactors e. Venting equipment is through condenser to recover the vapour provided f. Pressure Jet pump are used for equipment cleaning to reduce the waste water generation |

RL FINE CHEM PVT LTD, HINDUPUR

MOEF Conditions Compliance status Report

(For the period of April -2023 to Sep -2023)

| S.NO | Condition | Status |
|------|---|---|
| 21. | The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road Sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with The State Forest Department. | Agreed for the condition. We have earmarked the area for green belt and being maintained as per CPCB guidelines Photocopy of the green belt area attached as Annexure-VII |
| 22. | At least 1% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office | Will be implemented and report will be shared with Ministry's Regional office |
| 23. | For the DG sets, emission limits and the stack height shall be in conformity with the Extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution | Agreed for the condition and complied, provided with Acoustic enclosures and the height of DG Sets stack height provided as per the guidelines Photocopy of the same attached as Annexure-II |
| 24. | The unit shall make the arrangement for protection of possible fire hazards during Manufacturing process in material handling. Fire-fighting system shall be as per the norms | Agreed for the condition and complied. We have provided sufficient fire extinguishers at site and Currently installation of Fire Hydrant system Project is U/P. Photocopy of the same attached as Annexure- VIII |
| 25. | Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act" | As per Factory Act we are conducting annual health checkups of every employees and report of the same maintained. Also we have OHC and doctor and male nurse visits daily and monitor the health status of employees. |
| 26. | Continuous online 24x7 monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be Transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises | Online effluent monitoring system provided and data of the same transmitted to CPCB and SPCB server. Photocopy of the same attached as Annexure-IX |

RL FINE CHEM PVT LTD, HINDUPUR
MOEF Conditions Compliance status Report

(For the period of April -2023 to Sep -2023)

| S.NO | Condition | Status |
|------|---|---|
| | General Conditions | |
| 27. | The Project Authorities shall strictly adhere to the stipulation made by the State Pollution Control Board. | Noted |
| 28. | No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment and forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any | Noted |
| 29. | The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated. | Noted |
| 30. | The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time). | Noise control measures like acoustic hoods, silencers, enclosures etc. are installed for equipment. Noise level monitoring doing quarterly basis and Reports attached as in Annexure – I. |

RL FINE CHEM PVT LTD, HINDUPUR

MOEF Conditions Compliance status Report

(For the period of April -2023 to Sep -2023)

| S.NO | Condition | Status |
|------|--|--|
| 31. | The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water. | RWH system will be done |
| 32. | Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted. | We are conducting the Training class periodically as per schedule and the routine periodical medical examinations for all the employees are carried out on regular basis. And also we are giving the Training to all employees on handling of chemicals. |
| 33. | Usage of Personnel Protection Equipment's (PPEs) by all employees/ workers shall be ensured. | We have provided PPE to all the employees and also given training of PPE and its care |
| 34. | The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented. | Noted, And implemented all the measures which was provided in EIA/EMP |
| 35. | The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration. | We will implement CSR activities by involving local villages and administration. |
| 36. | The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. | Eco-developmental measures are in place. |
| 37. | A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. | We have Environment Management Cell and provided laboratory facility for environmental management and monitoring functions. |
| S.NO | Condition | Status |

RL FINE CHEM PVT LTD, HINDUPUR

MOEF Conditions Compliance status Report

(For the period of April -2023 to Sep -2023)

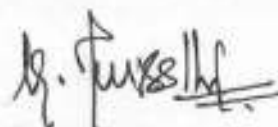
| | | |
|-----|---|--|
| 38. | As proposed, the company shall earmark Rs. Lakhs and Rs. Lakhs toward capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose. | We have earmarked sufficient budget to implement the conditions stipulated by the MOEF and SPCB |
| 39. | A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zillah Parisad /Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. | Noted |
| 40. | The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance 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 Andhra Pradesh Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company. | Every Six Months we are submitting the compliance status of EC conditions to the Regional Office of MoEF, the respective Zonal Office of CPCB and the APPCB. Last EC compliance submitted on 27.06.2023 and same as attached Annexure X |
| 41. | The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted 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 environmental clearance conditions and shall also be sent to the respective Regional Offices of MOEF by email. | Environmental Statement in Form V is prepared and submitted before 22 nd September every year. Last submitted on 22.09.2023 |

RL FINE CHEM PVT LTD, HINDUPUR **MOEF Conditions Compliance status Report**

(For the period of April -2023 to Sep -2023)

| S.NO | Condition | Status |
|------|---|---|
| 42. | <p>The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at www.moef.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.</p> | <p>We are already inform to the Public about the project has been accorded environmental clearance and E.C is advertised in local news papers</p> |

For RL FINE CHEM PVT LTD, HINDUPUR



Authorized Signatory

RL Fine Chem Pvt. Ltd.

Plot No. 100 in 182
 P.O. C. Indravar Estate,
 Hindupur - 515211
 Andhra Pradesh

ANNEXURE – 1

(DC Set Stack Monitoring)

R L Fine Chem Pvt. Ltd.

Plot No. 185 to 182,

A.P.I.C. Estate, 18th Estate,

Thumkurta Road, Vill - 215211

Nashik, Pradesh



ISO 9001:2015
ISO 45001:2018

GLOBAL ENVIRO LABS

Recognised By Ministry of Environment Forest & Climate Change (MoEF & CC) GOI & NABL

2-2-1075/14/A/1, 1st Floor, Tilaknagar 'X' Road, Bagh Amberpet,
Hyderabad - 500 013. Ph: 27407969

E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

Accredited by :



REF.NO:GEL/RP/198/AAQ/2023-001

Date :03-07-2023

AMBIENT AIR QUALITY DATA

Name of the Industry : M/s. RL FINE CHEM PVT LTD.
Address : Plot No. 165 to 182, APIIC, Industrial Estate,
Thumakunta, Hindupur, Ananthapur Dist. - 515 211.

| Sl. No. | Location | Near Main Gate | Near Boiler | Near E.T.P. | Limits | Method Used |
|---------|---|----------------|-------------|-------------|--------|---------------------------------|
| 1 | Date of Sampling | 27-06-2023 | 27-06-2023 | 27-06-2023 | --- | --- |
| 2 | Total time of Monitoring | 24 Hrs. | 24 Hrs. | 24 Hrs. | --- | --- |
| 3 | Particulate Matter Concentration PM_{10} ($\mu g/m^3$) | 61 | 67 | 59 | 100 | IS: 5182 Part 23-2006 (RA-2017) |
| 4 | Sulphur Dioxide Concentration ($\mu g/m^3$) | 09 | 13 | 17 | 80 | IS: 5182 Part 2-2001 (RA-2017) |
| 5 | Oxides of Nitrogen Concentration ($\mu g/m^3$) | 14 | 18 | 13 | 80 | IS: 5182 Part 6-2006 (RA-2017) |
| 6 | Particulate Matter Concentration $PM_{2.5}$ ($\mu g/m^3$) | 33 | 35 | 32 | 60 | IS 5182 P-24 2019 |

Note: All the values are within the limits prescribed by NAAQS.

All the parameters monitored and analyzed as per the MoEF notification Vide G.S.R. No.826 (E) Dt: 18/11/2009

Fine Particulate Sampler Model APM 550 (Sl. No. 448-DTE-2010), Next Calibration due on 23/07/2023

Fine Particulate Sampler Model APM 550 (Sl. No. 449-DTE-2010), Next Calibration due on 23/07/2023

Fine Particulate Sampler Model APM 550 (Sl. No. 639-DTA-2011), Next Calibration due on 23/07/2023

Respirable Dust Sampler Model RDS 9000 (Sl. No. 061254), Next Calibration due on 08/04/2024

Respirable Dust Sampler Model RDS 9000 (Sl. No. 070703), Next Calibration due on 08/04/2024

Respirable Dust Sampler Model RDS 9000 (Sl. No. 060617), Next Calibration due on 08/04/2024

for GLOBAL ENVIRO LABS

AUTHORISED SIGNATORY



ISO 9001:2015
ISO 45001:2018

GLOBAL ENVIRO LABS

Recognised By Ministry of Environment Forest & Climate Change (MoEF & CC) GOI & NABL

2-2-1075/14/A/1, 1st Floor, Tilaknagar 'X' Road, Bagh Amberpet,
Hyderabad - 500 013. Ph: 27407969

E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

Accredited by :



REF.NO:GEL/RP/198/STM/2023-002

Date :03-07-2023

STACK MONITORING DATA

Name of the Industry : M/s. RL FINE CHEM PVT LTD.

Address : Plot No. 165 to 182, APHC, Industrial Estate,
Thumakunta, Hindupur, Ananthapur Dist. - 515 211.

Sample Particulars : Stack attached to 1 Lakh Kilo Cal/hr. Thermic Fluid Heater

Date of sampling : 27-06-2023

Time of monitoring : 10:00 a.m.

| | | |
|--|---|-------|
| 1. Stack diameter (m) | : | 0.35 |
| 2. Stack cross sectional area (sq m) | : | 0.096 |
| 3. Flue gas temperature (°C) | : | 118 |
| 4. Exit velocity of flue gases (m/sec) | : | 5.35 |
| 5. Flow rate (cum/hr) | : | 1,849 |

EMISSION DATA

| | | | | |
|---|---|----|-----|--|
| 6. Suspended particulate matter Concentration (mg/N m ³) | : | 47 | 115 | IS: 11255 (Part-I), 1985 (RA-2019) |
| 7. Sulphur dioxide Concentration (mg/N m ³) | : | 30 | --- | IS: 11255 (Part-II), 1985 (RA-2019) |
| 8. Oxides of nitrogen Concentration (mg/N m ³) | : | 44 | --- | IS: 11255 (P-7), 2005 (RA-2017) |

Note: All the values are within the limits prescribed by APPCB.

Stack Kit Model/SL/No:SEA-90/000908, Next Calibration on: 08-04-2024

for GLOBAL ENVIRO LABS


AUTHORISED SIGNATORY



ISO 9001:2015
ISO 45001:2018

GLOBAL ENVIRO LABS

Recognised By Ministry of Environment, Forest & Climate Change (MoEF & CC) GOI & NABL

2-2-1075/14/A/1, 1st Floor, Tilaknagar 'X' Road, Bagh Amberpet,

Hyderabad - 500 013, Ph : 27407969

E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

Accredited by



REF.NO:GEL/RP/198/STM/2023-003

Date :03-07-2023

STACK MONITORING DATA

Name of the Industry : M/s. RL FINE CHEM PVT LTD.

Address : Plot No. 165 to 182, APIIC, Industrial Estate,
Thumakunta, Hindupur, Ananthapur Dist. - 515 211.

Sample Particulars : Stack attached to the 2 TPH Briquette Fired Boiler

Date of sampling : 27-06-2023

Time of monitoring : 11:20 a.m.

| | |
|--|---------|
| 1. Stack diameter (m) | : 0.50 |
| 2. Stack cross sectional area (sq m) | : 0.196 |
| 3. Flue gas temperature (°C) | : 121 |
| 4. Exit velocity of flue gases (m/sec) | : 5.83 |
| 5. Flow rate (cum/hr) | : 4,114 |

EMISSION DATA

| | | Limits | Method Used |
|---|------|--------|--|
| 6. Suspended particulate matter Concentration (mg/N m ³) | : 59 | 115 | IS: 11255 (Part-I), 1985 (RA-2019) |
| 7. Sulphur dioxide Concentration (mg/N m ³) | : 28 | --- | IS: 11255 (Part-II), 1985 (RA-2019) |
| 8. Oxides of nitrogen Concentration (mg/N m ³) | : 47 | --- | IS: 11255 (P-7), 2005 (RA-2017) |

Note: All the values are within the limits prescribed by APPCB.

Stack Kit Model/SL/No:SEA-90/000908, Next Calibration on: 08-04-2024

for GLOBAL ENVIRO LABS

AUTHORISED SIGNATORY



ISO 9001:2015
ISO 45001:2018

GLOBAL ENVIRO LABS

Recognised By Ministry of Environment Forest & Climate Change (MoEF & CC) GOI & NABL

2-2-1075/14/A/1, 1st Floor, Tilaknagar 'X' Road, Bagh Amberpet,
Hyderabad - 500 013. Ph : 27407969

E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

Accredited by :



REF.NO:GEL/RP/198/STM/2023-004

Date :03-07-2023

STACK MONITORING DATA

Name of the Industry : M/s. RL FINE CHEM PVT LTD.
Address : Plot No. 163 to 182, APHC, Industrial Estate,
Thumakunta, Hindupur, Ananthapur Dist. - 515 211.

Sample Particulars : Stack attached to 500 KVA D.G. Set
Date of sampling : 27-06-2023
Time of monitoring : 12:30 p.m.

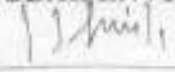
| | |
|--|----------|
| 1. Stack diameter (m) | : 0.20 |
| 2. Stack cross sectional area (sq m) | : 0.0318 |
| 3. Flue gas temperature (°C) | : 151 |
| 4. Exit velocity of flue gases (m/sec) | : 13.73 |
| 5. Flow rate (cum/hr) | : 1.572 |

| EMISSION DATA | | Limits | Method Used |
|---|-------|--------|--|
| 6. Suspended particulate matter Concentration (mg/N m ³) | : 61 | 115 | IS: 11255 (Part-I), 1985 (RA-2019) |
| 7. Sulphur dioxide Concentration (mg/N m ³) | : 121 | --- | IS: 11255 (Part-II), 1985 (RA-2019) |
| 8. Oxides of nitrogen Concentration (mg/N m ³) | : 156 | --- | IS: 11255 (P-7), 2005 (RA-2017) |

Note: All the values are within the limits prescribed by APPCB.

Stack Kit Model/SL/No:SEA-90/000908, Next Calibration on: 08-04-2024

for GLOBAL ENVIRO LABS


AUTHORISED SIGNATORY



ISO 9001:2015
ISO 45001:2018

GLOBAL ENVIRO LABS

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Accredited by



REF.NO:GEL/RP/198/STM/2023-005

Date :03-07-2023

STACK MONITORING DATA

Name of the Industry : M/s. RL FINE CHEM PVT LTD.

Address : Plot No. 165 to 182, APHC, Industrial Estate,
Thumakunta, Hindupur, Ananthapur Dist. - 515 211.

Sample Particulars : Stack attached to 230 KVA D.G. Set

Date of sampling : 27-06-2023

Time of monitoring : 01:50 p.m.

| | |
|--|----------|
| 1. Stack diameter (m) | : 0.09 |
| 2. Stack cross sectional area (sq m) | : 0.0075 |
| 3. Flue gas temperature (°C) | : 118 |
| 4. Exit velocity of flue gases (m/sec) | : 13.36 |
| 5. Flow rate (cum/hr) | : 361 |

EMISSION DATA

| | | Limits | Method Used |
|---|-------|--------|--|
| 6. Suspended particulate matter Concentration (mg/N m ³) | : 51 | 115 | IS: 11255 (Part-I), 1985 (RA-2019) |
| 7. Sulphur dioxide Concentration (mg/N m ³) | : 117 | --- | IS: 11255 (Part-II), 1985 (RA-2019) |
| 8. Oxides of nitrogen Concentration (mg/N m ³) | : 131 | --- | IS: 11255 (P-7), 2005 (RA-2017) |

Note: All the values are within the limits prescribed by APPCB.

Stack Kit Model/SI/No:SEA-90/000908, Next Calibration on: 08-04-2024

for GLOBAL ENVIRO LABS

AUTHORISED SIGNATORY



ISO 9001:2015
ISO 45001:2018

GLOBAL ENVIRO LABS

Recognised By Ministry of Environment Forest & Climate Change (MoEF & CC) GOI & NABL

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Accredited by :



REF.NO:GEL/RP/198/NQD/2023-006

Date :03-07-2023

AMBIENT NOISE QUALITY DATA

Name of the Industry : M/s. RL FINE CHEM PVT LTD.
Address : Plot No. 165 to 182, APIIC, Industrial Estate,
Thumakunta, Hindupur, Ananthapur Dist. - 515 211.

Date of Monitoring 27-06-2023

| Location | Noise Levels in dB (A) | |
|--------------------------------------|------------------------|-------------------|
| | Day Time (1) | Night Time (2) |
| 1. Near Main Gate | 65 | 58 |
| 2. Near Utility Block | 63 | 55 |
| 3. Near Boiler | 70 | 67 |
| 4. Near Production Block | 68 | 64 |
| 5. Near D.G. Set (at 5m Distance) | 73 | 69 |

Method Used : IS : 9989 - 1981 (RA-2014)

Note: 1. Daytime is reckoned in between 6 a.m and 10 p.m

2. Nighttime is reckoned in between 10 p.m and 6 a.m

3. APPCB Limits for Noise Level at Daytime is 75 dB (A) and Night time is 70 dB (A)

Noise Level Meter Model SL-4010 (Sl. No. Q632540), Next Calibration on: 21-09-2023

for GLOBAL ENVIRO LABS

[Signature]

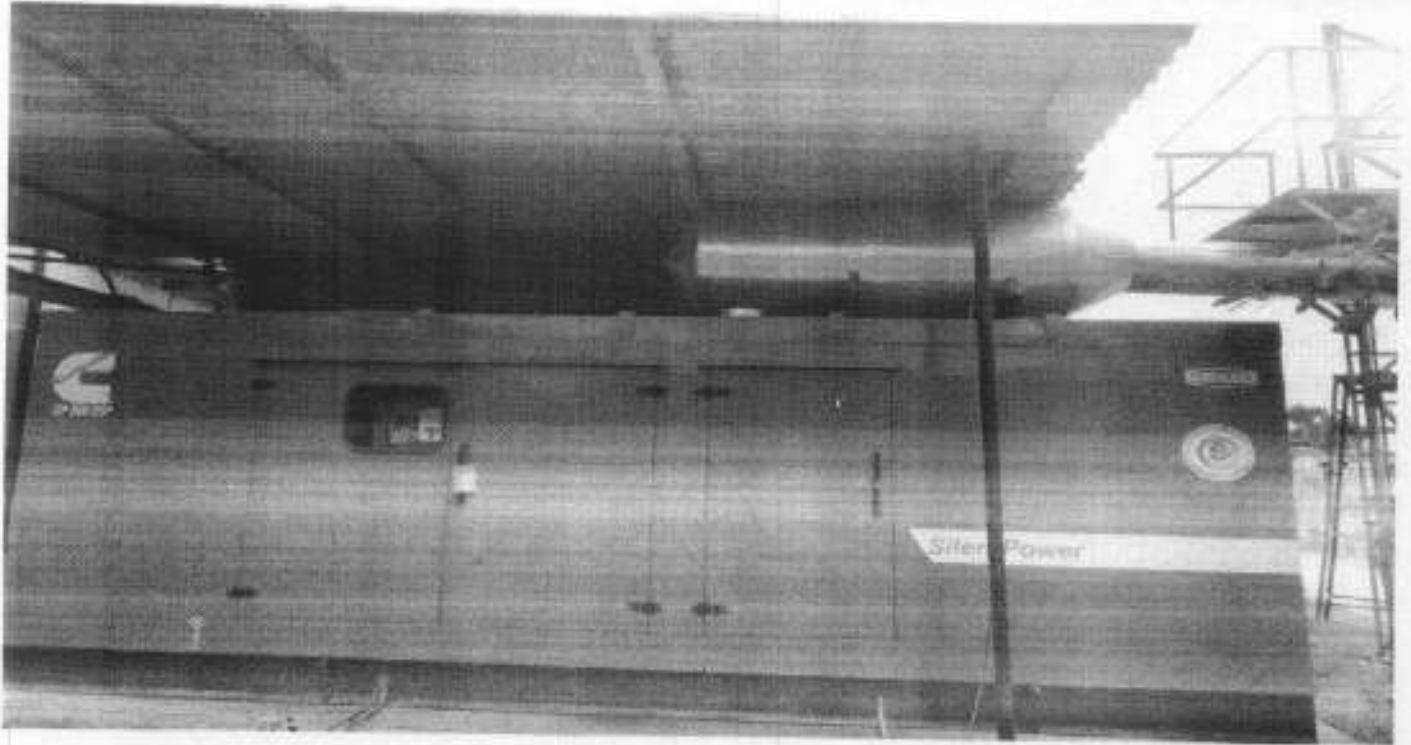
AUTHORISED SIGNATORY

ANNEXURE – 2

(DC Set Stack and Acoustic Provision)

R L Fine Chem Pvt. Ltd
Plot No. 165 to 182,
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 211
Andhra Pradesh

Annexure-II
DG Set Stack and Acoustic Provision



ANNEXURE – 3

(CFE Copy)

R L Fine Chem Pvt. Ltd.
Plot No. 165 to 182,
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 211
Andhra Pradesh



ANDHRA PRADESH POLLUTION CONTROL BOARD
D. No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamalavari Street, Kasturibaipet, Vijayawada - 520 010
Ph: 0866-2463200; website: pcb.ap.gov.in

CONSENT ORDER FOR ESTABLISHMENT**Order No. 232 /APPCB/CFE/RO-ANT /HO/2016**

10/12/2019

VIVEK YADAV IAS, MS(VY), O/o MEMBER SECRETARY-APPCB
MEMBER SECRETARY

Sub: APPCB - CFE - M/s. R L Fine Chem Pvt. Ltd., Plot No.165-182, APIIC IDA, of
Thumakunta (V), at Growth Centre, Hindupuram (M), Anantapur District - Consent
for Establishment (CFE) of the Board for EXPANSION under Sec.25 of Water (P & C of
P) Act, 1974 and Under Sec.21 of Air (P&C of P) Act, 1981 - Issued - Reg.

- Ref:
1. CFE order dt. 09.06.2016.
 2. EC (exp) order dt. 21.08.2019 issued by MoEF&CC, Govt, New Delhi.
 3. Industry's CFE application received through AP Single Desk Portal on 20.09.2019.
 4. R.O's inspection report dt. 03.10.2019.
 5. CFE Committee meeting held on 10.10.2019.
 6. Industry's lr. dt. 09.10.2019.

In the reference 1st cited, an application was submitted to the Board seeking Consent for
1. Establishment (CFE) for EXPANSION to produce the following products with installed
capacities as mentioned below, with an additional project cost of Rs. 4.50 Crores.

As per CFE order dt. 09.06.2016:

| Sl.No. | Name of the Products | Quantity (kg/day) |
|----------------------|-----------------------------|-------------------|
| Group - A | | |
| 1 | Chloro acetyl benzo phenone | 8 |
| 2 | P-t Butyl Chloride | 30 |
| 3 | Piperidine Propiophenone | 28 |
| 4 | Dotheipinone | 94 |
| 5 | Chloro ethyl piperdine HCl | 30 |
| 6 | Doxipinone | 50 |
| Total Group A | | 240 |
| Group - B | | |
| 1 | Hydroxyl dimethyl thiophene | 15 |
| 2 | Di beno suberone | 40 |
| Total Group B | | 55 |
| Group - C | | |
| 1 | Benzophenone methyl ester | 2.5 |
| 2 | Dotheipione | 200 |
| 3 | Chloro ethyl piperdine HCl | 37.50 |

| | | |
|-------------------------------|---------------|-----|
| | Total Group C | 240 |
| Group - D | | |
| 1 Hydroxyl dimethyl di benzyl | | 4.5 |
| Total Group D | | 4.5 |

Note: The industry proposes to manufacture any one group of product at any given point of time.

After expansion:

| S.No. | Name of the Products | Quantity as per EC exp and proposed (kg/day) | No. of stages | Name of starting raw material | Qty. of starting raw material (kg/day) |
|-------|-----------------------|--|---------------|-------------------------------|--|
| | API's | | | | |
| 1 | Nortrytline HCL | 37.33 | 3 | Di benzo suberone | 29.33 |
| 2 | Desipramine HCL | 4.33 | 3 | Imino DibenzyI | 3.32 |
| 3 | Cyproheptadiene HCL | 3.00 | 2 | Di Benzo suberone | 2.27 |
| 4 | Pitofenone HCL | 3.04 | 2 | Potassium bicarbonate | 0.8 |
| 5 | Pyrimethamine | 2.22 | 3 | PCBC | 1.65 |
| 6 | Cyclobenzaprine HCL | 3.96 | 2 | Dimethylamino propyl chloride | 1.68 |
| 7 | Clomipramine HCL | 2.67 | 2 | 3-Chlorolmino DibenzyI | 1.84 |
| 8 | Chloropromazine HCL | 5.25 | 2 | 2-Chloropheno Thiazine | 3.96 |
| 9 | Doxlamine Succinate | 4.79 | 2 | 2-Acetyl pyridine | 1.68 |
| 10 | Trimapramine Maleate | 2.06 | 2 | Imino Di Benzene | 1.17 |
| 11 | Flupentixol HCL | 1.11 | 2 | Tri Flurothio Xanthone | 0.78 |
| 12 | Melitracen HCL | 1.64 | 2 | Dimethylamino propyl chloride | 0.72 |
| 13 | Carbinoxamine Maleate | 2.92 | 2 | Dimethylamino Ethyl chloride | 0.86 |
| 14 | Opipramol HCL | 1.50 | 3 | Imino stilbene | 0.77 |
| 15 | Sulfadoxine | 8.33 | 2 | P-amino sulfonamide | 4.82 |
| 16 | Doxiepin HCL | 1.56 | 2 | Dimethylamino propyl chloride | 0.72 |
| 17 | Dothiepin HCL | 4.097 | 2 | Dimethylamino propyl chloride | 1.68 |
| 18 | Flunarazine HCL | 2.39 | 2 | Diffuro Benzhydrol | 1.32 |
| 19 | Duloxetine HCL | 3.33 | 4 | 2 Acetyl Thiphenone | 1.39 |
| 20 | Dapoxetine HCL | 1.67 | 4 | 3-Chloro propio phenone | 0.95 |
| 21 | Desvenlafaxine HCL | 2.11 | 2 | Venlafaxine HCL | 1.88 |
| 22 | Trihexyphenaldyl HCL | 3.33 | 3 | Acetophenone | 1.32 |

| | | | | | |
|----------------------|---|----------------|---|--------------------------------------|--------|
| 23 | Tramadol HCL | 9.00 | 3 | Cyclo hexanone | 3.23 |
| 24 | Sulfamethoxy Pyrazine HCL | 2.08 | 2 | P-amino Sulfonamide | 1.38 |
| 25 | Buclazine HCL | 2.50 | 2 | P Chloro Benzhydryl Piperizine | 1.72 |
| 26 | Mecizine HCL | 2.28 | 2 | P Chloro Benzhydryl Piperizine | 1.72 |
| Total (API's) kg/day | | 118.50 | | | |
| Drug intermediates | | | | | |
| 1 | Orphenadrine base | 266.67 | 2 | 2-methyl Benzophenone | 196.47 |
| 2 | Carbamezapine | 66.67 | 1 | Imino stilbene | 57.10 |
| 3 | Hydroxy dimethyl dibenzyl Intermediate | 20.00 | 2 | 2-benzoyal Benzoic acid | 20.10 |
| 4 | Piperidine propiophenone | 33.33 | 1 | Acetophenone | 19 |
| 5 | Cinnarizine crude | 66.67 | 2 | Methanol | 202 |
| 6 | Doxiepinone | 20.00 | 2 | Phthalide | 13.8 |
| 7 | Ditheipinone | 33.33 | 2 | Phthalide | 21.8 |
| 8 | Methoxy Dichloro Pyrimidine | 66.67 | 2 | Methoxy dimethyl ester | 69.7 |
| 9 | P-4- Butyl benzyl chloride | 33.33 | 1 | Tertiary Butyl Benzene | 24.9 |
| 10 | Chloro Acetyl benzo phenone | 50.00 | 1 | Nitro benzo phenone | 39.7 |
| 11 | Chloro ethyl piperdino Hydrochloride | 33.33 | 1 | Piperidino ethanol | 25.3 |
| 12 | Dibenzo suberone | 266.67 | 2 | Phthalic anhydride | 246.7 |
| 13 | Hydroxy dimethyl amino thiophene | 16.67 | 2 | 2-acetyl thiophene | 12.9 |
| 14 | ChloroImino di benzyl | 100.00 | 4 | Dinitro benzyl | 159.9 |
| 15 | Benzophenone methyl ester | 33.33 | 2 | Phenolphthalein | 46.1 |
| 16 | 2-Amino Nitro Benzo Phenone | 26.67 | 2 | 2-chloro 5-nitro benzoic acid | 26.9 |
| 17 | Dimethylamino cyclo hexanone | 83.33 | 1 | cyclohexanone | 55.8 |
| 18 | Bromo anisole | 83.33 | 1 | M Bromophenol | 76.7 |
| 19 | Chloro Pheno thiazine | 66.67 | 2 | M -chloro aniline | 40.3 |
| 20 | iso propyl propionate (Ester) | 33.33 | 1 | isopropanol | 11.2 |
| 21 | Di Methyl amino propyl chloride | 100.00 | 1 | Dimethyl amine 40 % solution | 31.1 |
| Total Intermediates | | 1500.00 kg/day | | | |

Total production capacity 1618.50 kg/day or 48.6 TPM.

List of By-Products:

| S.No. | Name of the By-Products | Quantity (kg/day) | Quantity (TPM) |
|-------|-------------------------|-------------------|----------------|
| 1 | Sodium Chloride | 9.59 | 0.3 |
| 2 | Ammonium chloride | 22.9 | 0.7 |
| 3 | Sperit Acid | 270.41 | 8.1 |
| 4 | Ammonium Phosphate | 67.65 | 2.0 |
| 5 | Sodium Acetate | 35.27 | 1.1 |

2. As per the application, the above activity is to be located in the existing premises located at Plot No 165-182, APIIC IDA, of Thumakunta (V), at Growth Centre, Hindupuram (M), Anantapur District in an area of 17500 Sq. m (4.32 acres).

3. The above site was inspected by the Environmental Engineer and Asst. Environmental Engineer, Regional Office, Anantapuram, A.P Pollution Control Board on 01.10.2019 and observed that the site is surrounded by

North : Estate road followed by M/s. Varahi Pharma.
 South : Estate road followed by M/s. Sadguru Industries.
 East : Estate road followed by M/s. Wipro and APIIC Lnad.
 West : M/s. Aditya Green Industries and PVM Construction.

4. The Board, after careful scrutiny of the application, verification report of Regional Officer and recommendations of the CFE Committee, hereby issues **CONSENT FOR ESTABLISHMENT FOR EXPANSION** to the project under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. This order is issued to manufacture the products as mentioned at para (1) only.

5. This Consent order issued is subject to the conditions mentioned in the Annexure.

6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

7. This order is valid for a period of 7 years from the date of issue.

Encl: Annexure

MEMBER SECRETARY

To

M/s. R L Fine Chem Pvt. Ltd., (expn)

Plot No.165-182, APIIC IDA,
Thumakunta (V), Hindupuram(M),
Anantapuram District.
raypharma@rtfinechem.com
thamarai.selvan@rtfinechem.com

Copy to: 1. The JCEE, Z.O: Kurnool for information and necessary action.
2. The EE, R.O: Anantapuram for information and necessary action.

ANNEXURE

1. The proponent shall obtain Consent for Operation (CFO) from APPCB, as required Under Sec.25/26 of the Water (P&C of P) Act, 1974 and under sec. 21/22 of the Air (P&C of P) Act, 1981, before commencement of the trial runs.
2. The applicant shall provide separate energy meters for Effluent Treatment Plant (ETP) and Air pollution Control equipments to record energy consumed. An alternative electric power source sufficient to operate all pollution control systems shall be provided.
3. The industry shall construct separate storm water drains within one month. No effluents shall be discharged in to the storm water drains.

Water:

4. The source of water is APJIC and the maximum permitted water consumption is as following:

| S. No. | Purpose | Existing as per CFE order 09.06.2016 & CFO order dt. 30.7.2016 (KLD) | After expansion (KLD) |
|--------|---------------------|--|-----------------------|
| 1 | Process | 2.5 | 14.4 |
| 2 | Washings - High TDS | | 3.00 |
| 3 | Washing - Low TDS | | 3.5 |
| 4 | Boiler feed | 1.45 | 20.0 |
| 5 | Cooling Towers | | 15.0 |
| 6 | DM Plant | | 2.0 |
| 7 | Scrubber | - | 1.0 |
| 8 | Gardening | - | 5.00 |
| 9 | Domestic | 0.85 | 4.00 |
| | Total | 4.8 KLD | 67.9 KLD * |

*Fresh water : 39.9 KLD

Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned above.

5. The maximum waste water generation shall not exceed the following:

| S. No. | Source | Existing as per CFE order 09.06.2016 & CFO order dt. 30.7.2016 (KLD) | After expansion (KLD) |
|--------|---------------------|--|-----------------------|
| 1 | Process | 2.5 | 15.2 |
| 2 | Washings - High TDS | | 3.0 |
| 3 | Washing - Low TDS | | 3.5 |
| 4 | Boiler Blow Down | | 1.5 |
| 5 | Cooling blow down | | 1.5 |

| | | | |
|---|-----------------------|------|------|
| 6 | DM Plant Regeneration | | 2.0 |
| 7 | Scrubber | | |
| 8 | Domestic | 0.65 | 1.0 |
| 9 | Total | 3.15 | 3.2 |
| | | | 30.9 |

Treatment & disposal:

| Outlet Description | Max Daily Discharge | Point of Disposal |
|---|---------------------|---|
| High TDS effluents (Process-15.2 KLD, washings high TDS-3.0 KLD, Scrubber-1.0 KLD) | 19.2 KLD | <ul style="list-style-type: none"> Shall be stripped off for organics recovery. Stripper (25 KLD) condensate to distillate for separation of organic compounds followed by disposal to cement plants for co-processing & distilled effluents shall be recycled. Stripped effluents to forced evaporation in MEE (30 KLD) followed by ATFD (10 TPD). Condensate from MEE & ATFD shall be recycled after treatment in ETP along with other LTDS effluents. ATFD salts to TSDF. |
| Low TDS effluents (Washings - 3.5 KLD, Boiler Feed-1.5 KLD, Cooling bleed off - 1.5 KLD, DM Softner-2.0 KLD and Domestic - 3.2 KLD) | 11.7 KLD | <ul style="list-style-type: none"> The low TDS effluents and condensate from MEE and ATFD along with domestic effluents shall be treated in ETP. ETP of capacity 50 KLD consists of Equalization tank, Neutralisation tank, Primary clarifier, Aeration tank, Clarifier-2, Holding tank. The treated effluent from the ETP shall be further treated in RO plant (50 KLD). The RO permeate shall be reused and RO rejects shall be sent to MEE. |

6. The ZLD system consisting of stripper, MEE, ATFD system with condenser and Biological ETP, RO plant shall be installed and commissioned. All the units of the ZLD system shall be impervious to prevent ground water pollution. The units of ZLD system shall be constructed above the ground level.

Effluents shall not be discharged on land or into any water bodies or aquifers under any circumstances.

7. The industry shall provide digital flow meters with totalisers at the inlet and outlet of Stripper, MEE, ETP and RO.

8. The industry shall properly operate and maintain online real time monitoring system along with web camera facilities and shall ensure that it is connected to APPCB / CPCB websites as per CPCB directions.
9. Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas. All pipe valves, sewers, drains shall be leak proof.

Air

10. The Air pollution Control equipment shall be installed along with the commissioning of the activity and shall comply with the following for controlling air pollution.

Existing:

| Sl. No | Details of Stack | Stack 1 | Stack 2 | Stack 3 |
|--------|---|-------------------|----------------------------------|----------------------------------|
| a. | Attached to | Coal fired Boiler | DG Set | Thermic Fluid Heater |
| b. | Capacity of Boiler | 2 TPH | 200 KVA | 1 Lakh K.cal/hr |
| c. | Fuel | Briquettes | Diesel | Diesel |
| d. | Stack Height: i) Above the Ground (m) | 21 m | 3.0 m | 10 m |
| e. | Details of Air Pollution Control Equipment: | Cyclone Separator | Silencer with acoustic enclosure | Silencer with acoustic enclosure |

Expansion (additional):

| Sl. No | Details of Stack | Stack 1 | Stack 2 | Stack 3 |
|--------|--|-------------------------|----------------------------------|----------------------------------|
| a. | Attached to | Boiler | DG Set | Thermic Fluid Heater |
| b. | Capacity of Boiler | 2 TPH | 250 KVA | 1 Lakh K.cal/hr |
| c. | Fuel | Briquettes | Diesel | Diesel |
| d. | Stack Height: i) Above the Ground (m) | 30 m | 4.0 m | 10 m |
| e. | Details of Air Pollution Control Equipment | Multi Cyclone Separator | Silencer with acoustic enclosure | Silencer with acoustic enclosure |

11. A sampling port with removable dummy of not less than 15 cm diameter shall be provided in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.
12. The industry shall properly operate and maintain the monitoring system to all the stacks / vents in the plant. Regular monitoring shall be carried out and report shall be submitted to the Regional officer.
13. The industry shall properly operate and maintain multi-stage scrubbers to the process vents to control the process emissions. The industry shall ensure that online pH measuring facility with auto recording system is connected to the scrubbers.
14. The industry shall implement adequate measures to control all fugitive emissions from the plant.
15. The proponent shall ensure compliance of the National Ambient Air quality

standards notified by MoEF, GoI vide notification No. GSR. 826 (E), dated 16.11.2009 during construction and regular operational phase of the project at the periphery.

The generator shall be installed in a closed area with a silencer and suitable noise absorption systems. The ambient noise level shall not exceed 75 dB(A) during day time and 70 dB(A) during night time.

16. The proponent shall not use or generate odour causing substances or Mercaptans and cause odour nuisance in the surroundings.
17. The industry shall send the used / spent solvents to the recyclers (or) process them at their own solvent recovery facility within the premises.
18. The evaporation losses in solvents shall be controlled by taking the following measures:
 - i. Chilled brine circulation shall be carried out to effectively reduce the solvent losses into the atmosphere.
 - ii. Transfer of solvents shall be done by using pumps instead of manual handling.
 - iii. Closed centrifuges shall be used to reduce solvent losses.
 - iv. All the solvent storage tanks shall be connected with vent condensers to prevent solvent vapours.
 - v. The reactor vents shall be connected with primary & secondary condensers to prevent escaping of solvent vapour emissions into atmosphere.

Solid / Hazardous Waste:

19. The industry shall comply with the following for disposal of Solid waste:

| Sl. No | Type of waste | As per CFE order 09.06.2016 & CFO order dt. 30.7.2016 (TPM) | After expansion (TPM) | Method of Disposal |
|--------|--|---|-----------------------|--|
| 1 | ETP Sludge | 0.05 | 15.0 | To TSDF for secured land filling. |
| 2 | Inorganic Salts | - | 6.9 | |
| 3 | MEE Salts | 0.05 | 13.5 | |
| 4 | Distillation bottom residue | 0.08 | 1.0 | Authorized cement plants for co-processing / TSDF, for incineration. |
| 5 | Organic Residue | 0.08 | 2.8 | |
| 6 | Spent Carbon | - | 0.5 | |
| 7 | Off specification products | - | 1.0 | |
| | Total | 0.18 | 40.7 | |
| 8. | Waste oil | 35 LPA | 100 LPA | Authorized Reprocessors/ Recyclers |
| 9. | Detoxified container and container liners of hazardous waste | | 100 No's/Month | After complete detoxification, shall be disposed to the authorized |

| | | | |
|------------------------------|---------|---------------|---|
| chemicals | | | parties. |
| 10. Used lead acid batteries | - | 4 Nos./ Annum | To dealers on buy back basis |
| 11. Distillate from stripper | - | 130.8 TPM | Authorized recyclers after distillation |
| 12. Spent Solvents | - | 1.5 TPM | To authorized recyclers / cement industries for co-processing |
| 13. Boiler Ash | 5.7 TPM | 20.0 TPM | To brick manufactures |

20. The proponent shall place the chemical drums and / or any drums in a shed provided with concrete platform only. The Platform shall be provided with sufficient dyke wall and effluent collection system. The industry shall provide containers detoxification facility. Container & Container liners shall be detoxified at the specified covered platform with dyke walls and the wash wastewater shall be routed to low TDS collection tank.

21. The following rules and regulations notified by the MoEF&CC, Govt shall be implemented.

- Regulation of Persistent Organic Pollutants Rules, 2018.
- Hazardous waste and other wastes (Management and Transboundary Movement) Rules, 2016.
- Plastic Waste Management Rules, 2016.
- Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989
- Fly Ash Notification, 2016.
- Batteries (Management & Handling) Rules, 2010.
- E-Waste (Management) Rules, 2016.
- Construction and Demolition waste Management Rules, 2016.
- Solid Waste Management Rules, 2016.
- The Public Liability Insurance Act, 1991 and its amendments thereof.

Other Conditions:

22. The industry shall comply with the following:

- The effluents shall be segregated into HTDS and LTDS and treated separately.
- Concrete platform with dyke wall and shed shall be constructed within 15 days to store Hazardous waste.
- The Industry shall provide VOC monitoring system with auto recording facility within 15 days.

23. The industry shall submit compliance to the conditions stipulated in the CFE order to the concerned Regional Officer of APPCB every six months and shall upload the same at APPCB website viz.,
https://pcb.ap.gov.in/UI/Submission_Compliance_of_EC_CFE_CFO_Direction.aspx

24. The industry shall develop greenery in an additional area of 0.18 acre within a

month to achieve greenery in 33% of total area. Existing green belt shall not be disturbed due to the proposed expansion. Thick green belt shall be maintained all along the boundary & vacant spaces with tall growing trees with good canopy.

25. The industry shall submit the information regarding usage of Ozone Depleting Substance once in six months to the Regional Office and Zonal Office of the Board.
26. Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order attracts action under the provisions of relevant pollution control Acts.
27. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power Under Sec. 27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec.21(4) of Air (Prevention and Control of Pollution) Act, 1981 to revoke the order, to review any or all the conditions imposed herein and to make such modifications as deemed fit and stipulate any additional conditions.
28. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules, 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.

MEMBER SECRETARY

To

M/s. R L Fine Chem Pvt. Ltd., (expn)
Plot No.165-162, APIIC IDA,
Thumakunta (V), Hindupuram(M),
Anantapuram District.
raypharma@rlfinechem.com
thamarai.selvan@rlfinechem.com

Signature Not Verified

Digitally signed by VIJAY
YADAV
Date: 2019.12.10 19:33:07 IST
Reason: Approved

ANNEXURE – 4

(CFO Copy)

R L Fine Chem Pvt. L
Plot No. 165 to 182,
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 2
Andhra Pradesh



ANDHRA PRADESH POLLUTION CONTROL BOARD
 D.No.33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
 Chalamalavari Street, Kasturibaipet, Vijayawada - 520010
 Website : <https://pcb.ap.gov.in/>

RED CATEGORY
CONSENT & AUTHORIZATION ORDER (After Expansion)

Consent Order No : 232/APPCB/ATP/KNL/CFO/HO/2020

15/02/2020

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous & Other Wastes (Management and Transboundary, Movement) Rules, 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

M/s. R L Fine Chem Pvt Ltd,
Plot No.165-182, APIIC IDA,
Thumakunta(V), Growth Centre,
Hindupuram (M), Ananthapur District,
Andhra Pradesh.
 e-mail: raypharma@rlfinechem.com,
thamarai.selvan@rlfinechem.com

(Hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of emissions per hour from the chimneys as detailed below:

i) Out lets for discharge of effluents:

| Outlet No. | Outlet Description | Max Daily Discharge in KLD | Point of Disposal |
|------------|--|----------------------------|---|
| 1. | High TDS effluents (Process-15.2 KLD, washings high TDS-3.0 KLD, Scrubber-1.0 KLD) | 19.2 KLD | <ul style="list-style-type: none"> • Shall be stripped off for organics recovery. • Stripper (25 KLD) condensate to distillate for separation of organic compounds followed by disposal and shall be routed through M/s. Andhra Pradesh Environment Corporation Limited (APEMCL) to cement plants for co-processing & distilled effluents. • Stripped effluents to forced evaporation in MEE (30 KLD) followed by ATFD (10 TPD). • Condensate from MEE & ATFD shall be recycled after treatment in ETP along with other LTDS effluents. • ATFD salts to TSDF shall be routed through M/s. Andhra Pradesh Environment Corporation Limited (APEMCL). |
| 2. | Low TDS | 11.7 KLD | <ul style="list-style-type: none"> • The low TDS effluents and condensate from |

| | | |
|--|----------|--|
| effluents (Washings - 3.5 KLD, Boiler Feed- 1.5 KLD, Cooling bleed off - 1.5 KLD, DM Softner- 2.0 KLD and Domestic - 3.2 KLD | . | MEE and ATFD along with domestic effluents shall be treated in ETP. • ETP of capacity 50 KLD consists of Equalization tank, Neutralisation tank, Primary clarifier, Aeration tank, Clarifier-2, Holding tank. • The treated effluent from the ETP shall be further treated in RO plant (50 KLD). • The RO permeate shall be reused and RO rejects shall be sent to MEE. |
| Total | 30.9 KLD | |

ii) Emissions from chimneys:

| Chimney No. | Description of Chimney |
|-------------|--|
| 1. | Attached to Coal fired Boiler of 2 TPH capacity (2 nos.) |
| 2. | Attached to 250 KVA DG set (1 no.) & 200 KVS DG set (1 no.) |
| 3. | Attached to Thermal Fluid heater of 1 Lakh K.Cal/hr (2 nos.) |

iii) HAZARDOUS WASTE AUTHORISATION (FORM - II) [See Rule 6 (2)]

M/s. R L Fine Chem Pvt Ltd, Plot No.165-182, APIIC IDA, Thumakunta(V), Growth Centre, Hindupuram (M), Ananthapur District, Andhra Pradesh is hereby granted an authorisation to operate a facility for collection, reception, storage, transport and disposal of the following wastes with quantities as below:

• HAZARDOUS WASTES WITH DISPOSAL:

| S. No. | Name of the Hazardous Waste | Stream | Quantity of Hazardous Waste | Disposal Option |
|--------|-----------------------------|----------------------|-----------------------------|--|
| 1. | ETP Sludge | 34.3 of Schedule - I | 15 TPM | Shall be routed through M/s. Andhra Pradesh Environment Corporation Limited (APEMCL) so as to TSDF for secured land filling. |
| 2. | Inorganic salts | 28.1 of Schedule - I | 6.9 TPM | |
| 3. | MEE salts | --- | 13.5 TPM | |
| 4. | Distillation Bottom residue | 36.1 of Schedule - I | 1.0 TPM | Shall be routed through M/s. Andhra Pradesh Environment Corporation Limited (APEMCL) so as to sent to authorized cement plants for co-processing / TSDF, for incineration. |
| 5. | Organic residue | 28.1 of Schedule - I | 2.8 TPM | |
| 6. | Spent carbon | 28.3 of Schedule - | 0.5 TPM | |

| | | | | |
|----|----------------------------|------|---------|--|
| | | I | | |
| 7. | Off specification products | ---- | 1.0 TPM | |

• HAZARDOUS WASTES WITH DISPOSAL:

| S. No. | Name of the Hazardous Waste | Stream | Quantity of Hazardous Waste | Disposal Option |
|--------|--|----------------------|-----------------------------|--|
| 1. | Waste oil | 5.1 of Schedule - I | 100 LPA | Shall be routed through M/s. Andhra Pradesh Environment Corporation Limited (APEMCL) so as to sent to Authorized Reprocessors/Recyclers |
| 2. | Detoxified container and container liners of hazardous waste Chemicals | 33.1 Schedule- I | 100 Nos / month | After complete detoxification, shall be routed through M/s. Andhra Pradesh Environment Corporation Limited (APEMCL) so as to dispose to the authorized parties. |
| 3. | Used Lead acid batteries | 17 of Schedule -IV | 4 Nos / Annum | Shall be routed through M/s. Andhra Pradesh Environment Corporation Limited (APEMCL) so as to sent to dealers on buy back Basis |
| 4. | Distillate from stripper | --- | 130.8 TPM | Shall be routed through M/s. Andhra Pradesh Environment Corporation Limited (APEMCL) so as to sent to Authorized recyclers after Distillation |
| 5. | Spent Solvents | 28.6 of Schedule - I | 1.5 TPM | Shall be routed through M/s. Andhra Pradesh Environment Corporation Limited (APEMCL) so as to sent to authorized recyclers / cement industries for co-processing |
| 6. | Boiler Ash | --- | 20.0 TPM | Shall be routed through M/s. Andhra Pradesh Environment Corporation Limited (APEMCL) so as to sent to To brick manufactures |

This consent order is valid for the manufacture of following products with quantities total capacity after expansion indicated below only.

| S.No. | Name of the Products | Quantity (in Kg/day) |
|--------------|----------------------|----------------------|
| API's | | |
| 1. | Nortrytyline HCL | 37.33 |
| 2. | Desipramine HCL | 4.33 |
| 3. | Cyproheptadiene HCL | 3.00 |
| 4. | Pitofenone HCl | 3.04 |

| | | |
|---------------------------|--|-----------------------|
| 5. | Pyrimethamine | 2.22 |
| 6. | Cyclobenzaprine HCL | 3.96 |
| 7. | Clomipramine HCL | 2.67 |
| 8. | Chloropromazine HCL | 5.25 |
| 9. | Doxlamine Succinate | 4.79 |
| 10. | Trimapramine Maleate | 2.06 |
| 11. | Flupentixol HCL | 1.11 |
| 12. | Melitracen HCL | 1.64 |
| 13. | Carbinoxamine Maleate | 2.92 |
| 14. | Opipramol HCL | 1.50 |
| 15. | Sulfadoxine | 8.33 |
| 16. | Doxiepin HCL | 1.56 |
| 17. | Dothiepin HCL | 4.097 |
| 18. | Flunarazine HCL | 2.39 |
| 19. | Duloxetine HCL | 3.33 |
| 20. | Dapoxetine HCL | 1.67 |
| 21. | Desvenlafaxine HCL | 2.11 |
| 22. | Trihexyphenaldyl HCL | 3.33 |
| 23. | Tramadol HCL | 9.00 |
| 24. | Sulfamethoxy Pyrazine HCL | 2.08 |
| 25. | Buc lazine HCL | 2.50 |
| 26. | Mecizine HCL | 2.28 |
| | Total (API's) | 118.50 Kgs/day |
| Drug Intermediates | | |
| 1. | Orphenadrine base | 266.67 |
| 2. | Carbamezapine | 66.67 |
| 3. | Hydroxy dimethyl dibenzyl Intermediate | 20.00 |
| 4. | Piperdine propiophenone | 33.33 |
| 5. | Cinnarizine crude | 66.67 |
| 6. | Doxiepinone | 20.00 |
| 7. | Ditheipinone | 33.33 |
| 8. | Methoxy Dichloro Pyrimidine | 66.67 |
| 9. | P-t- Butyl benzyl chloride | 33.33 |
| 10. | Chloro Acetyl benzo phenone | 50.00 |
| 11. | Chloro ethyl piperdino Hydrochloride | 33.33 |
| 12. | Dibenzo suberone | 266.67 |
| 13. | Hydroxy dimethyl amino thiophene | 16.67 |
| 14. | Chlorolmino di benzyl | 100.00 |
| 15. | Benzophenone methyl ester | 33.33 |
| 16. | 2-Amino Nitro Benzo Phenone | 26.67 |
| 17. | Dimethylamino cyclo hexanone | 83.33 |
| 18. | Bromo anisole | 83.33 |
| 19. | Chloro Pheno thiazine | 66.67 |
| 20. | Iso propyl propionate (Ester) | 33.33 |

3. Hydroxy dimethyl dibenzyl Intermediate

| | | |
|-----|-------------------------------------|-----------------|
| 21. | Di Methyl amino propyl chloride | 100.00 |
| | Total Intermediates | 1500.00 Kgs/day |
| | Total Intermediates + Intermediates | 1618.50 Kgs/day |

List of By-Products:

| S.No. | Name of the By-Products | Quantity (in Kg/day) |
|-------|-------------------------|----------------------|
| 1. | Sodium Chloride | 9.59 |
| 2. | Ammonium chloride | 22.9 |
| 3. | Spent Acid | 270.41 |
| 4. | Ammonium Phosphate | 67.65 |
| 5. | Sodium Acetate | 35.27 |

This order is subject to the provisions of 'the Acts' and the Rules' and amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A, B and C enclosed to this order.

This combined order of Consents and Authorization is valid for a period ending with the 31.12.2024.

VIVEK

YADAV IAS, MS(VY), O/o MEMBER SECRETARY-APPCB

To

M/s. R L Fine Chem Pvt Ltd,
Plot No.165-182, APIIC IDA,
Thumakunta(V), Growth Centre,
Hindupuram (M), Ananthapur District,
Andhra Pradesh.
e-mail: raypharma@rlfinechem.com,
thamarai.selvan@rlfinechem.com

Copy to:

1. The JCEE, Zonal Office, Kurnool for information and necessary action.
2. The Environmental Engineer, Regional Office, Anantapur for information and necessary action.

SCHEDULE - A

1. Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.
2. The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.
3. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.
4. The industry should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards,

air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.

5. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
6. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
7. The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent of the Board. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.
8. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.

SCHEDULE - B

1. The industry's earlier CFO order No. APPCB CFO& HWA Order No. APP/KNL/KNL/16351/HO/CFO & HWA/2016, dt: 30.07.2016 with a validity up to 30.9.2020 stands cancelled and the industry is directed to submit the original order to the Regional Office, Anantapur.
2. The industry shall start segregating the HTDS and LTDS effluents within 10 days.
3. The industry shall construct the closed shed by the end of February, 2020.
4. The industry shall consolidated summary of MEE, ATFD, stripper data by the end of February, 2020.
5. The industry shall provide the water flow meters by the end of February, 2020.
6. The industry shall provide separate energy meters by the end of February, 2020.
7. The industry shall provide the online pH measuring facility with data logging system to the multi stage scrubber by the end of March, 2020. The industry shall dispose the MEE & ATFD salts to TSDF, Parwada and shall be routed through M/s. Andhra Pradesh Environment Corporation Limited (APEMCL).
8. The industry shall provide Auto recording facility by the end of April, 2020.
9. The industry shall comply with the conditions of Consent for Establishment (CFE) Order dated 10.12.2019.
10. The source of water is APIIC and the maximum permitted water consumption is as follows:

| S.No | Purpose | Quantity (in KLD) |
|------|---------|-------------------|
| | | |

| | | |
|----|---------------------|-----------|
| 1. | Process | 14.0 |
| 2. | Washings - High TDS | 3.0 |
| 3. | Washing - Low TDS | 3.5 |
| 4. | Boiler feed | 20.0 |
| 5. | Cooling Towers | 15.0 |
| 6. | DM Plant | 2.0 |
| 7. | Scrubber | 1.0 |
| 8. | Gardening | 5.0 |
| 9. | Domestic | 4.0 |
| | Total | 67.9 KLD* |

* Fresh water : 39.9 KLD

Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned above.

13.All the units of the ZLD system shall be impervious to prevent ground water pollution. The units of ZLD system shall be constructed above the ground level.

14.The industry shall not discharge any waste water outside the premises, on land or into any water bodies or aquifers under any circumstances and shall maintain Zero Liquid Discharge system.

15.The industry shall collect the effluents from the production block through closed pipe line in lined collection tank and from there the effluent shall be pumped to

the above ground level effluent storage tanks. The present below ground level neutralization tanks, sand beds, pre-treated effluents storage tanks shall be dismantle and shall construct the tanks above ground level tanks within 3 months to avoid seepage of waste water.

16. The industry shall provide containers detoxification facility within one month. Container & Container liners shall be detoxified at the specified covered platform with dyke walls and the wash waste water shall be routed to low TDS collection tank.

AIR POLLUTION:

1. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

| Chimney No. | Parameter | Emission Standards |
|-------------|--------------------|------------------------|
| 1 to 3 | Particulate Matter | 115 mg/Nm ³ |

2. The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448 (E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.

3. The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10mg) - 100 mg/ m³; PM2.5 (Particulate Matter size less than 2.5 mg) - 200 mg/ m³; SO₂ - 80 mg/ m³; NO_x - 80 mg/m³, outside the factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.

Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)

Night time (10 PM to 6 AM) - 70 dB (A)

4. The industry shall ensure implementation of requisite measures to prevent air pollution, fugitive emissions & odour nuisance in the surrounding area.
5. The industry shall maintain the two stage scrubber for scrubbing of process emissions at all emission sources.
6. The evaporation losses in solvents shall be controlled by taking the following measures:
 - a. Chilled brine circulation shall be carried out to effectively reduce the solvent losses into the atmosphere.
 - b. Transfer of solvents shall be done by using pumps instead of manual handling.
 - c. Closed centrifuges shall be used to reduce solvent losses.
 - d. All the solvent storage tanks shall be connected with vent condensers to prevent solvent vapours.
 - e. The reactor vents shall be connected with primary & secondary condensers
 - f. To prevent escaping of solvent vapour emissions into atmosphere.

GENERAL:

5. The industry shall provide VOC monitoring system with auto recording facility within one month.
6. The industry shall not manufacture any product, other than that mentioned in this consent order, without CFE & CFO of the Board.

7. The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
 - a. Daily production details (ER-1 Central Excise Returns).
 - b. Characteristics of effluents and emissions.
 - c. Quantity of Effluents generated, evaporated in MEE, treated water recycled/reused.
 - d. Log Books for pollution control systems.
 - e. Hazardous/ non hazardous solid waste generated and disposed.
 - f. Manifest copies of effluents/hazardous waste.
 - g. Inspection book.
8. The industry shall maintain green belt in the plant premises and surrounding areas.
9. The industry shall submit the information regarding usage of Ozone Depleting Substance once in six months to the Board.
10. The applicant should submit Environment Statement in form V before 30th September of every year as per Rule No. 14 of E(P) Rules 1986 & amendments thereof.
11. The conditions stipulated are without prejudice to the rights and contentions of this Board in any Hon'ble Court of Law.

SCHEDULE - C

[See rule 6(2)]

[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES]

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. An application for the renewal of an authorisation shall be made as laid down under these Rules.
9. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.

Specific Conditions:

10. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.
11. The industry shall enter an agreement with the Cement industries for disposal of incinerable waste or shall dispose to Alternative Fuel Raw material facility (AFRF) OR to TSDF for co-incineration.
12. The industry shall comply with the provisions of HWM Rules, 2016 in terms of interstate transport of Hazardous Waste and manifest document prescribed Under Rule 18 and 19 of the HWM Rules, 2016.
13. The industry shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
14. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis.
15. The industry shall transport the hazardous waste shall be routed through M/s. Andhra Pradesh Environment Corporation Limited (APEMCL) to cement industries only through vehicle fitted with GPS tracking system.
16. The industry shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.
17. The industry shall maintain proper records for Hazardous and Other Wastes stated in Authorisation in Form-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form-4 as per Rule 20 (2) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
18. The industry shall comply with the provisions of HWM Rules, 2016 in terms of interstate transport of Hazardous Waste and manifest document prescribed Under Rule 18 and 19 of the HWM Rules, 2016.

The industry shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent for Establishment (CFE) and Consent for Operation (CFO) through website i.e., <https://pcb.ap.gov.in> by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the industry and second half yearly compliance reports shall be the audited through NABL accredited third party.

VIVEK YADAV

IAS, MS(VY), O/o MEMBER SECRETARY-APPCB

To
 M/s. R L Fine Chem Pvt Ltd,
 Plot No.165-182, APIIC IDA,
 Thumakunta(V), Growth Centre,
 Hindupuram (M), Ananthapur District,
 Andhra Pradesh.
 e-mail: raypharma@rlfinechem.com,
 thamarai.selvan@rlfinechem.com

Signature valid

Digitally signed by VINAY K
YADAV

Date: 2020.02.10 15:21:59 IST

Reason: I am the author

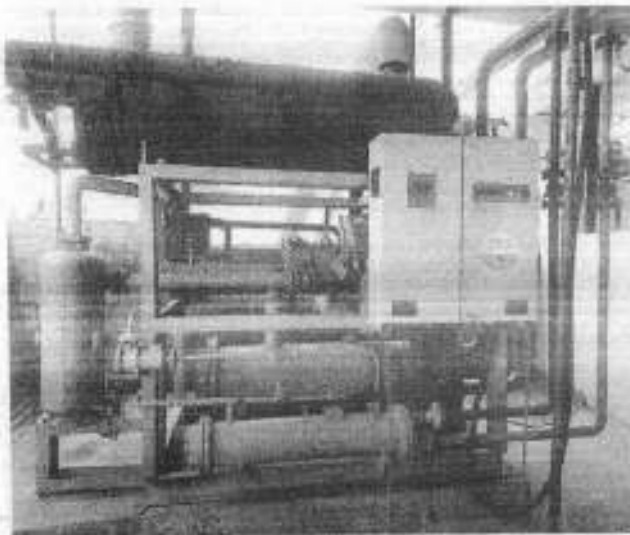
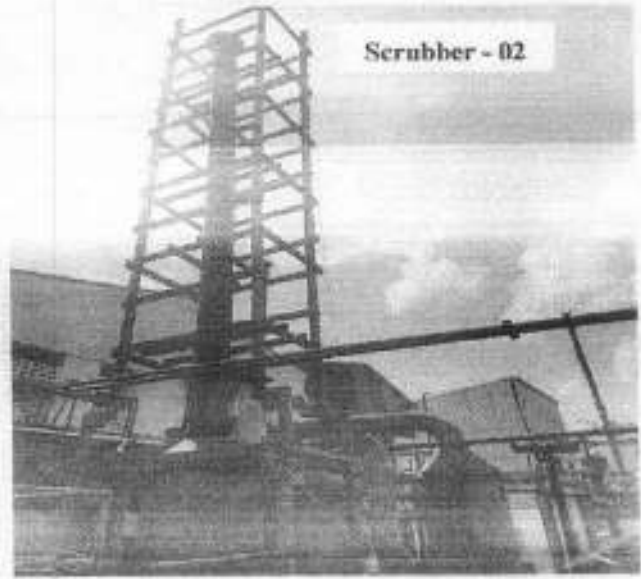
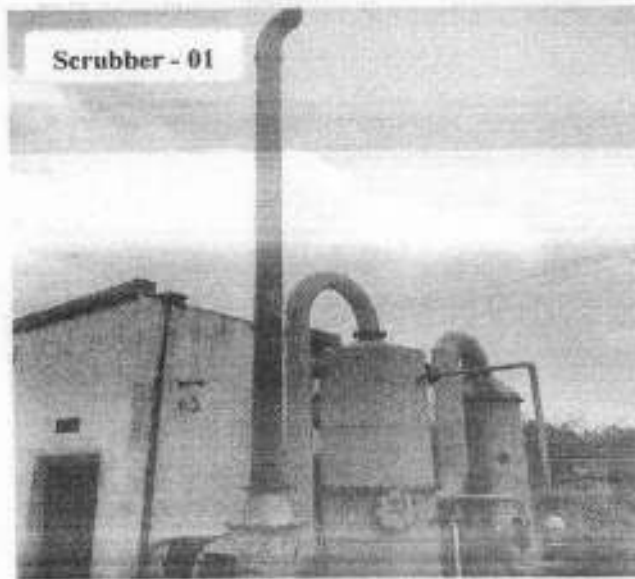


ANNEXURE – 5

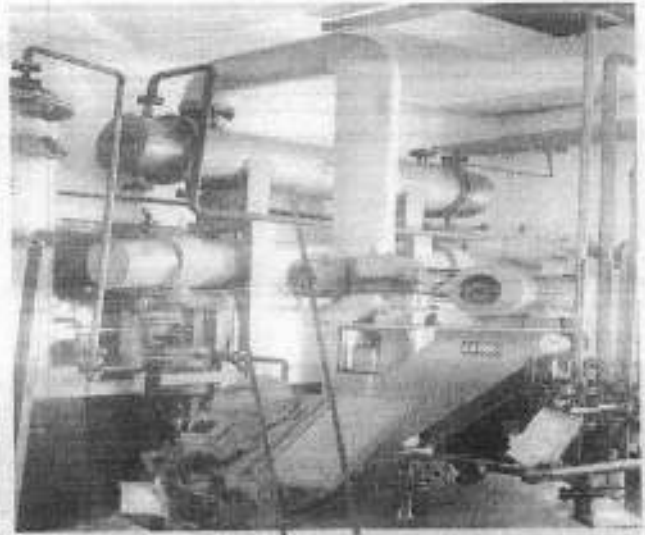
(Emission Control)

R L Fine Chem Pvt. Ltd.
Plot No. 165 to 182,
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 211
Andhra Pradesh

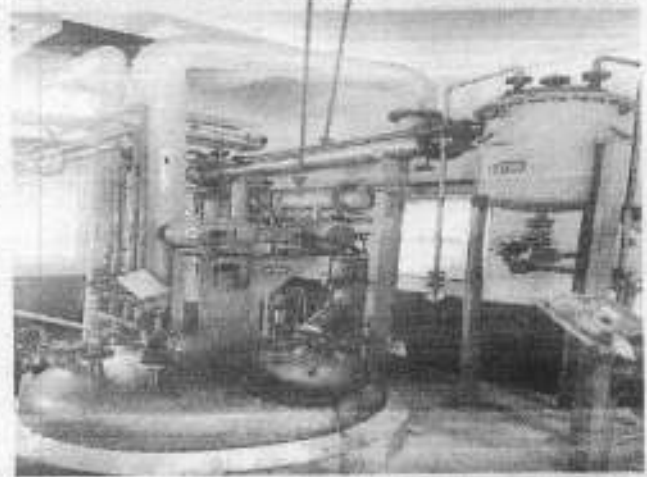
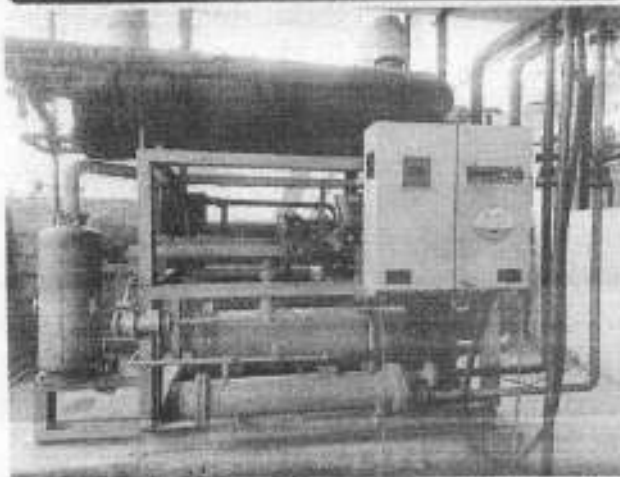
Annexure-5
Multistage Scrubber system



Chiller



Double Condenser provided to Reactor

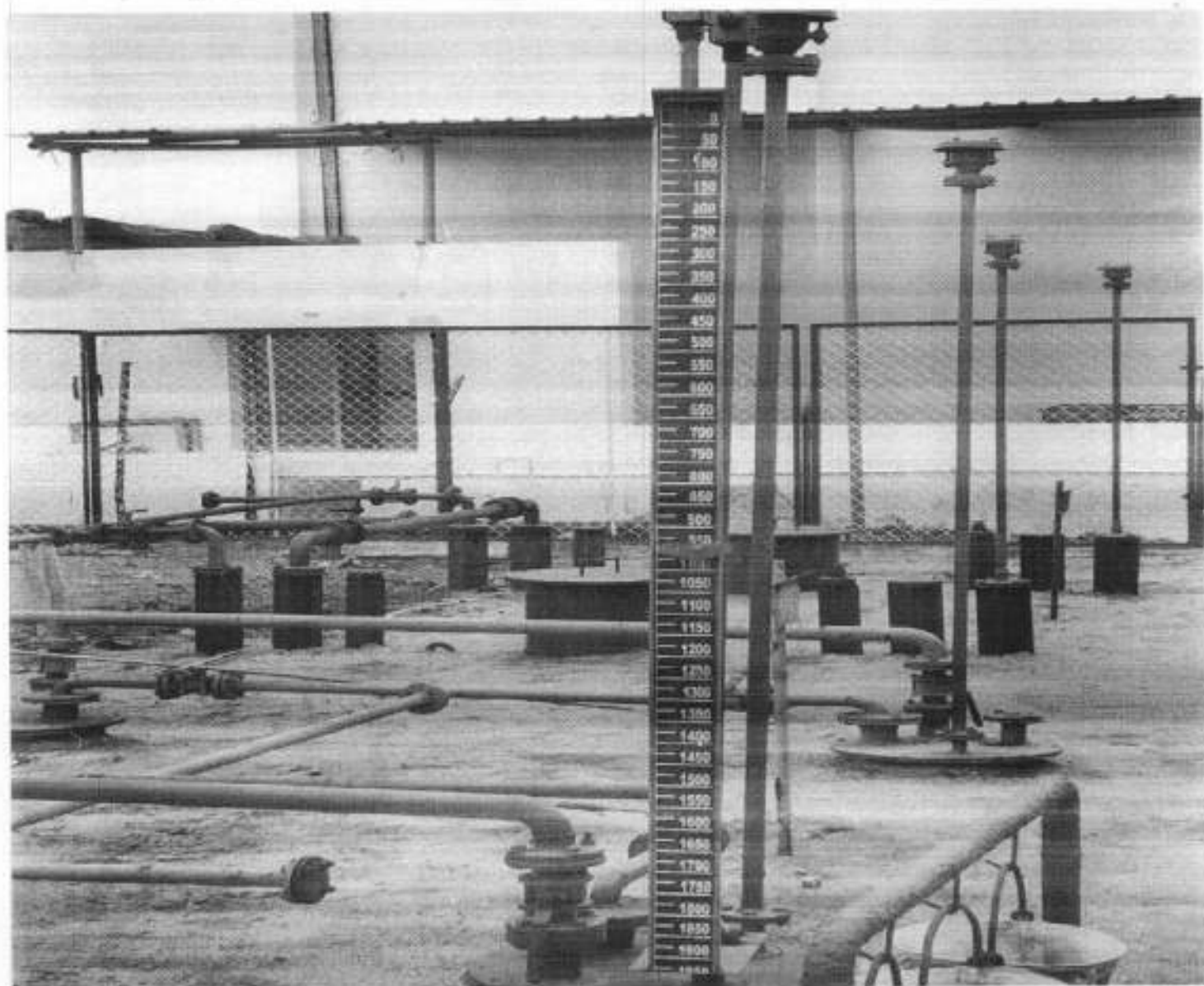


ANNEXURE – 6

(Solvent Area Flame Arrested Provision)

R L Fine Chem Pvt. Ltd.
Plot No. 165 to 182,
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 211
Andhra Pradesh

Spark Arrester in Tank farm Area



ANNEXURE – 7

(TSDF Membership)

R L Fine Chem Pvt. Ltd.
Plot No. 165 to 182
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 15 215
Andhra Pradesh



Serial No. 288
Post Paid By
M. SAIKUMAR
S/O M. NAGARAJU
DO. NO. 1-285 1ST WARD
PULAMATHI

Denomination: 100
Date: 06-05-2022
ANDHRA PRADESH
RL FINE CHEM PVT. LTD
PLOT NO. 165-182
APIIC INDUSTRIAL ESTATE
THUMKUNTA VILLAGE 515211

Stamp S. no. CY 627235
Sub Registrar
Ex. Office Stamp Vendor
SRO Chilamathur

SERVICE AGREEMENT

This Service Agreement ('Agreement') is made on this 09 May 2022, at Hindupuram and shall be effective retrospectively from 09 May 2022 (hereinafter referred as the "Commencement Date").

BY AND BETWEEN

M/s. R L Fine Chem Pvt. Ltd, a Company incorporated under the provisions of Companies Act, 1956, having its registered office at Plot No C10, 1st Cross, KSSIGC Industrial Estate, Yelhanka New Town, Bengaluru - 560 064, represented by its Site Head (R L Fine chem. Pvt Ltd., Hindupur Plant), Mr. Munirathnam (hereinafter referred as "Generator" which expression shall unless repugnant to the subject or context include its successors and assigns);

AND

MUMBAI WASTE MANAGEMENT LIMITED, (a SUBSIDIARY OF RAMKY ENVIRO ENGINEERS LIMITED), company registered under the Companies Act, 1956 and having its registered office at Ramky Grandiose-13th Floor, Gachibowli, Hyderabad - 500 082(TG) India, represented by its Project Head, Mr V B Madhu Babu (hereinafter referred as "Operator" which expression shall unless repugnant to the subject or context include its successors and assigns).

R L Fine Chem Pvt. Ltd.



Hereinafter in this Agreement Generator and Operator shall collectively be referred to as 'Parties' and individually as 'Party'.

WHEREAS;

- A. Generator is engaged in the business of manufacturing API and intermediate bulk drug.
- B. Operator is engaged in the business of Waste Management and presently operating integrated Common Hazardous Waste Treatment Storage Disposal Facility "ICHWTSDF" at various engineered waste management units under its control at various locations in India, as per the guidelines under Hazardous Rules and as per the authorization of concerned State Pollution Control Board.
- C. Generator has approached Operator for availing its services for collection, transport, treatment, storage and disposal of the Hazardous Waste generated during the process of manufacturing of its product at its production unit situated at R L Fine Chem Pvt.Ltd, plot No.165 to 182, A.P.I.I.C. Industrial Estate, Thumukunta, Hindupur-515211, Andhra Pradesh and the same has been accepted by Operator on the terms and conditions set out in this Agreement read with the provisions of Hazardous Rules and supervision of SPCB.

NOW THEREFORE in consideration of the above-mentioned premises and the mutual promises contained herein, the Generator and Operator have agreed to enter into this Agreement under the terms and conditions set forth hereinafter.

1. DEFINITIONS AND INTERPRETATION

- 1.1 Definitions: In this Agreement, including in the recitals hereof, the following words, expressions and abbreviations shall have the following meanings, unless the context otherwise requires:
 - a. "Agreement" means this agreement including all attachments, annexure or Schedules annexed thereto.
 - b. "CPCB" means Central Pollution Control Board.
 - c. "Rules" means Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2016 as amended from time to time.
 - d. "MoEF" means Ministry of Environment & Forests.

R L Fine Chem Pvt. Ltd.

Plot No. 165 to 182,

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- e. "SPCB" means State Pollution Control Board, Andhra Pradesh a in the state in which the TSDF operated by Operator is situated.
- f. "ICHWTSDf" means the Integrated Common Hazardous Waste Treatment Storage Disposal facility "COASTAL WASTE MANAGEMENT PROJECT, Unit-2" (CWMP2) operated by the Operator and located at Nellore District, AP, pursuant to the Consent for Operation No. **APPCB/UH-IV/HWM/CFO/CWMP-NLR/2018** dated 10/10/2018 under Section 25/26 of the Water (Prevention and Control of Pollution) Act, 1974, under Section 21 of Air (Prevention and Control of Pollution) Act, 1981 and Authorisation under the Provisions of Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2016.
- g. "Waste" means Hazardous waste generated at the premises of the Generator and in compliance with applicable rules.

1.2 Interpretation: In this Agreement, unless the subject or context otherwise requires:

- a. Reference to the singular number shall include references to the plural number and vice-versa;
- b. References to a "person" shall include references to natural persons, partnership firms, companies, bodies corporate and associations, whether incorporated or not or any other organization or entity including any governmental or political sub-division, ministry, department or agency thereof;
- c. References to recitals, clauses and annexure are to recitals, clauses and schedules to this Agreement;
- d. Any reference herein to a statutory provision shall include such provision, as is in force for the time being and as from time to time, amended or re-enacted in so far as such amendment or re-enactment is capable of applying to any transactions covered by this Agreement.
- e. Clause headings used herein are only for ease of reference and shall not affect the interpretation of this Agreement.

1.3 The Recitals & Annexure shall form an integral part of this Agreement.

1.4 All capitalized terms used in this agreement which have not been specifically defined in this Agreement shall, unless inconsistent with the context have the meanings assigned to them under the Authorisation Agreement.

2 SCOPE OF SERVICES

- 2.1 The scope of services to be provided by Operator under this Agreement shall be collection, transportation, treatment, storage and disposal of Waste generated at its TSDF Facility.
- 2.2 It is agreed between the Parties that Operator shall provide the above services to the Generator through Coastal Waste Management Project - Unit 2 [CWMP 2] at Nellore, AP operated by Mumbai Waste Management Limited (a Subsidiary of M/s. Ramky Enviro Engineers Limited)
- 2.3 Operator shall dispose the Waste as per the mandate of the SPCB read with the provisions of Hazardous Rules.
- 2.4 Operator also agrees to accept even non-hazardous wastes from the Generator provided that the concerned SPCB issues 'no objection'.

3 GENERAL CONDITIONS

- 3.1 The Generator shall immediately upon execution of this Agreement but not later than 15 days after signing of this Agreement, become registered member of Operator by paying a membership fee of Rs. 50,000 as per the criteria mentioned under Annexure-01 to this Agreement. The membership process is one-time, non-transferable and the membership fee is non-refundable
- 3.2 An interest free Non-refundable security deposit shall be paid by Generator to Operator immediately but not later than 15 days after signing of this Agreement of amount Rs. 108000 as per the criteria mentioned under Annexure-01. The security deposit shall be adjustable against user charges in the event either party decides to terminate this Agreement or foreclosed with mutual consent. This security deposit shall be reviewed every year depending on the Waste committed by Generator and the actual received at the TSDF.
- 3.3 The Generator shall pay a fixed amount of Rs. 36,000/- (Rupees Thirty Six Thousand Only) as mentioned under Annexure-01 to Operator as minimum annual service commitment charges immediately but not later than 15 days after signing of this Agreement for the purpose of appropriate utilization of Operator services. This amount shall be adjusted against every calendar period of one year. In the event, for whatsoever reason, the Generator is unable to utilize the facility services for a particular month / period, the Generator shall forfeit the amount that is unutilized in that calendar year.
- 3.4 The Generator shall provide to Operator, a sample of the Waste and inform the entire process details which leads to generation of such Waste, for the



purpose of determining the Waste characteristics and to decide parameters for comprehensive analysis, as well as its final pathway of treatment, storage and disposal of the Waste.

- 3.5 Operator shall carry on the comprehensive analysis of the Waste in its laboratory at the cost of the Generator, as per the parameters identified at Annexure-01. The comprehensive analysis report shall be used by Operator to determine the disposal pathway based on the waste characteristics & as per MoEF, CPCB and the SPCB rules and guidelines issued from time to time. The disposal pathway shall be mutually agreed between the Generator & Operator and shall form basis for disposal/ user charges. The comprehensive analysis report is valid for two (2) years and/ or till the process, product and raw material which generates the Waste are changed. Any change in process, product mix or raw material which generates the Waste needs to be informed to Operator in advance of such proposed change by the Generator.
- 3.6 Upon receipt of information from the Generator, Operator shall plan and schedule for collection of the Waste from the Generator and the safety during transportation is the collective responsibility of the Generator and the transporter.
- 3.7 The Generator shall provide the details of Waste to Operator as mentioned below:
- Complete details of the Waste and its characteristics regarding presence of explosive / ignitable / corrosive / toxic / odorous compounds in the manifest provided to the transporter for safe transportation and disposal.
 - Safety information in 'Form 8', 'waste transportation manifest' in 'Form 10' and 'Term Card' in 'Form 9' for every Waste type as per Hazardous Rules
 - Any other details required to be provided under the applicable rules.
- 3.8 Operator shall analyze the Waste received through finger print analysis as per the parameters identified at Annexure-01 as prescribed by the concerned SPCB.
- 3.9 In the event there are any differences in the analysis results of comprehensive analysis and finger print analysis, the Generator may either accept the results of Operator or send their samples to a mutually agreed third party analysis at their own cost. Any discrepancy in relation thereto shall be informed to the SPCB.
- 3.10 The Generator shall provide a fresh comprehensive analysis report when there is a change in the waste characteristics, manufacturing processes, changes

By *[Signature]*
Date: 16.5.18



in product mix or any other changer in the process of generation of the Waste.

- 3.11 Generator shall be liable for any loss or damage whether directly or indirectly arising there from and/or caused during transportation, handling, treatment & disposal due to any false information or withholding of information by the Generator in accordance with the applicable laws.
- 3.12 The Generator shall provide an advance declaration every year in the month of April estimate quantity of Waste they would be sending to Operator till end of the financial year i.e. till March 31, and declare Waste quantities on annual / monthly basis as per Rules in the declaration format provided in Annexure-01.
- 3.13 Operator agrees to provide its specially designed containers available at its TSDF to the Generator provided the Generator pays the container maintenance charges to Operator as per Annexure-01.
- 3.14 The Waste supplied by the Generator shall not contain any kind of nuclear / radio active or any other prohibited material. A certificate or confirmation from Generator shall be submitted to Operator for any such suspicious consignments.
- 3.15 The Operator shall comply with the Generator's Supplier Code of Conduct and Anti-Bribery policy attached as Annexure 02 & 03.

4 USER CHARGES & TERMS OF PAYMENT

- 4.1 The Generator shall pay monthly user charges to Operator for its services as per the slab agreed in Annexure-01, which is based upon the declaration given by the Generator. All the Charges are exclusive of taxes including GST, levies, duties, cess, tolls, etc. and shall be borne and payable by the Generator.
- 4.2 The user charges are subject to annual revision on the basis of Government of India wholesale price index and also in every event of escalation of fuel costs, power tariff, change in disposal technologies and/or method, wage hike and others.
- 4.3 Operator shall collect the waste as per the declaration and shall send the monthly user charges invoice to the Generator on or before 5th of every succeeding month and the bill amount shall be payable by the Generator on or before 5th of the subsequent month thereafter it shall attract interest with applicable rate.

- 4.4 Any object and/or clarification on the waste disposal invoices and monthly bills submitted by Operator to Generator shall be communicated to Operator within seven (7) working days from the date of receipt of the invoices. In case of non-receipt of any clarification or objection it shall be deemed that the invoices are acceptable and shall fall due for payment as per clause 4.3 of this Agreement.
- 4.5 In case of delayed payments Generator shall be liable to pay interest at the rate of two percent (2%) per month on the outstanding amount during the default period. In the event of any bill amount along with interest is due for more than three (3) months, Operator reserves the right to refuse to extend its services to Generator and even to terminate this Agreement with immediate effect upon giving a prior written notice of fifteen (15) days.

5 TERM OF AGREEMENT

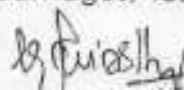
This Agreement shall be valid and effective for a period of five (5) years with effective from 06 May 2022 retrospectively and on making payment under clause 3.1 of this Agreement subject to early termination by either party in accordance with this Agreement.

6 FORCE MAJEURE

Notwithstanding anything else contained herein, neither Party hereto shall be liable for damages or to have this agreement terminated for any delay or default in the performance of such Party hereunder if such delay or default in performance derives from conditions beyond the reasonable control of such Party, including but not limited to, acts of God, strikes, fires, floods, extreme drought, shortage of supply, riots, work stoppages, embargoes, governmental actions or damage to the plant or facility or any cause unavoidable or beyond the control of either party including any arbitrary ruling by the Government prohibiting the handling of the Waste or continuing domestic or international problems such as wars or insurrections including any change of law. The Parties shall have right to terminate this Agreement upon giving a prior written notice to the other Party if the Force Majeure event continues for more than ninety (90) days.

7 INDEMNITY

- 7.1 Generator do hereby indemnify, keep indemnified and hold harmless the Operator, its representatives, nominees and officers (including without limitation, reimbursement of any loss suffered by Operator and / or its officers, directors, employees, agents or affiliates and their legal costs), awards, damages, losses and / or expenses, either pecuniary or non-pecuniary in

 R L Fine Chem Pvt. Ltd.
Plot No. 165 to 182, 7 of 20



nature, arising directly or indirectly, whether during collection or transportation or treatment or storage or disposal, as a result of:

- a) The Waste supplied by or collected from Generator in case of any mismatch of waste from Trem Card or finger prints; and any non-disclosure or wrong disclosure of any information as to the characteristic of waste, or
- b) Any civil or criminal proceedings or liability under any law for any unlawful dumping of untreated Wastes by Generator,
- c) Any violation or non-compliance by Generator of the provisions of Hazardous Wastes (Management, Handling and Trans-boundary Movement) Rules, 2016, Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 including any modifications, amendments made thereto and any new acts and rules legislated and promulgated governing the activity under this Agreement during the term of this Agreement or any extension thereof.
- d) If applicable taxes, cess, duties, toll etc. are not borne and paid by Generator to the Operator and concerned authorities wherever applicable within the stipulated time limit.

7.2 The Operator do hereby indemnify, keep indemnified and hold harmless the Generator, its representatives, nominees and officers (including without limitation, reimbursement of any loss suffered by Generator and/or its damages, losses and/or expenses, either pecuniary or non-pecuniary in nature, treatment or storage or disposal, as a result of:

- a) The Operator not handling or disposing off the Waste in accordance with the applicable law, including the provisions of the Hazardous Rules.
- b) Any violation or non-compliance by the Operator of the provisions of applicable law, including the Hazardous Rules, Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 including any modifications, amendments made thereto and any new acts and rules legislated and promulgated governing the activity under this Agreement or any extension thereof.
- c) The Operator failing to comply with the provisions of the Agreement.

- d) If taxes, cess, duties, toll etc. borne & paid by the Generator to the Operator wherever applicable are not deposited to the concerned Authorities within the stipulated time limit.

8 EVENTS OF DEFAULT

8.1 The following shall constitute Generator's events of default:

- a. If the Generator fails and/or refuses to pay its bills and/or dues for the user charges payable under this Agreement.
- b. If the Waste supplied by the Generator contains any radioactive or prohibited material.
- c. If the Generator commits gross violation of the terms of this Agreement.

8.2 The following shall constitute Operator's event of default:

- a. Failure by the Operator to collect Waste for a period of more than 30 continuous days upon intimation by the Generator.
- b. If the Operator commits gross violation of the terms of this Agreement.

9 TERMINATION

- 9.1 Operator hereto shall have right to terminate this Agreement in case if Generator is found to be in any event of default as listed out in the **Clause 8.1** and failed to rectify such default within 60 (Sixty) days from the date of receipt of written notice from the Operator for curing such default.
- 9.2 Generator hereto shall have right to terminate this Agreement in case if Operator is found to be in any event of default as listed out in the **Clause 8.1** and failed to rectify such default within 60 (Sixty) days from the date of receipt of written notice from the Generator for curing such default.
- 9.3 Upon Termination of this Agreement by any party, either Party shall be entitled to receive the all and any due payments receivable from the other Party which shall be paid within 30 days from the date of Termination.

10 ENTIRE AGREEMENT

This Agreement shall be deemed to represent the entire Agreement between the parties hereto regarding the subject matter hereof and shall supersede, cancel and replace any and all prior agreements or arrangements, if any, in this behalf, by and between the parties hereto.

[Signature]

RL Fine Chem Pvt. Ltd.
Plot No. 185 to 182,
A.P.I.C. Industrial Estate,
Page 9 of 20



11 **RELATIONSHIP OF THE PARTIES**

Nothing contained herein shall be deemed to constitute a partnership, joint venture or agency by and between the parties hereto.

12 **VARIATIONS**

This Agreement may be modified or amended only by writing, duly executed by or on behalf of the parties hereto.

13 **INVALIDITY**

In the event that any provisions of this Agreement is held to be illegal, invalid or unenforceable under any present or future laws of the Republic of India such provisions alone shall be deemed terminable and the remaining parts & provisions of this Agreement shall remain in full force & effect.

14 **LIMITATION OF LIABILITY**

Notwithstanding anything herein to the contrary, the liability of each party hereto resulting from the breach or default by such party shall be limited to direct actual damages incurred by the injured party and each party hereto hereby waives its rights to recover from the other party punitive, exemplary, and speculative damages. However any Pre-contractual representations of the parties will not be the part of Liability. The provision of this Section shall survive the termination of this Agreement.

15 **NOTICES**

- 15.1 Any notice, request, demand or other communication given or made under or in connection with the matters contemplated by this Agreement shall be in writing and shall be delivered personally or sent by registered post acknowledgement due or by E-mail or by facsimile or by courier:

In case of Generator to: R L Fine Chem Pvt.Ltd.
Attn: Mr.K Munirathnam AGM - Operations,
Address: plot No.165 to 182, A.P.I.I.C. Industrial Estate,
Thumukunta, Hindupur-515211, Andhra Pradesh
Email: raypharma@rlfinechem.com

In case of Operator to:
Attn: Mr.V B Madhu Babu (Project Head),
MUMBAI WASTE MANAGEMENT LIMITED,
(A SUBSIDIARY OF RAMKY ENVIRO ENGINEERS LIMITED),

[Signature] R L Fine Chem Pvt. Ltd.
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COASTAL WASTE MANAGEMENT PROJECT, Unit-2,
Govt. Veterinary polytechnic college opposite Road,
Sy. No. 20-2P1, 20-2P2, 20-2P3,
Raviguntapali Village of Bojjanapalli Grampanchayat,
Rapur Mandal, SPSR Nellore District-524408, AP

and shall be deemed to have been duly given or made as follows:

- (a) if personally delivered, upon delivery at the address of the relevant Party;
- (b) if sent by registered post-acknowledgement due seven (7) days after the posting;
- (c) if sent by E-Mail, facsimile.

15.2 A Party may notify the other Party of a change to its name, relevant addressee or address number for the purposes of Clause 15.1 as provided herein.

16 SURVIVAL

Notwithstanding any contained in this Agreement, the provisions of clause 4, 7, 8 and 14 of this Agreement shall survive for three (3) years after termination or completion of term of this Agreement whichever is later.

17 DISPUTE RESOLUTION

In the event of any dispute, controversy, difference, disagreement or claim arising out of or in connection with or in relation to this Agreement, including any questions as to its existence, validity, interpretation, implementation or termination, the Parties hereto shall endeavour to resolve the same in an amicable manner in consonance with the intention of this Agreement. If however, after lapse of fifteen (15) days there from, the Parties are unable or otherwise fail to resolve such dispute, controversy, difference, disagreement or claim, through discussion or amicable settlement as above, then said dispute, controversy, difference, disagreement or claim shall be referred to and finally settled through arbitration in accordance with the provisions of Arbitration and Conciliation Act, 1996 as amended from time to time by 3 (Three) arbitrators appointed in accordance with the rules of the said act. The award of arbitration shall be final and binding. The seat of arbitration shall be at Hyderabad, Telangana and the arbitration proceedings and all documentation shall be in English language. No party shall make public the contents of arbitration without the prior written consent of the other party. The arbitration proceedings shall be concluded in accordance with the section-29B of the Arbitration and Conciliation Act 1996 and any amendment thereof.

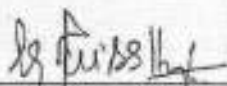
18 GOVERNING LAW & JURISDICTION

This Agreement shall be governed in accordance with the laws of India. Operator and the Generator mutually agree that the courts of competent jurisdiction at Hyderabad shall have the exclusive jurisdiction over all the disputes arising out of this Agreement.

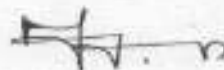
IN WITNESS WHEREOF, the parties hereto have signed this Agreement on the day, month and year first above written.

For

MUMBAI WASTE MANAGEMENT
LIMITED, (a SUBSIDIARY OF RAMKY
ENVIRO ENGINEERS LIMITED)



Name: Mr. Munirathnam
Designation: GM (Operation)

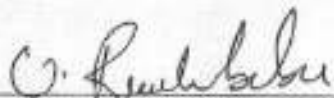


Name: V B Madhu Babu
Designation: Project Head- CWMP-2

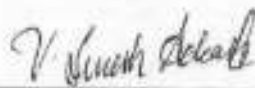


In the presence of

in the presence of



Name: Mr. Ramesh Babu
Designation: Sr. Manager-Production



Name: Mr. Suresh Achary, V
Designation: Manager- MBD

RL Fine Chem Pvt. Ltd.
Plot No. 165 to 182,
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 211
Andhra Pradesh

ANNEXURE-01

Common Hazardous Waste Treatment Storage & Disposal Facility

1) MEMBERSHIP FEE

A life time, non-refundable registration fee has to be paid by the Waste Generators. The member ship fee will be INR 50,000/- + GST.

2) SECURITY DEPOSIT *

The Security Deposit payable by the generator shall be determined as per the below matrix:

| Capital investment [Rs.] | Security Deposit (in Rs.) |
|--------------------------|---------------------------|
| 0- 5 Cr. | 1, 08, 000/- |
| 5-10 Cr. | 2, 00, 000/- |
| 10 – 50 Cr. | 5, 00, 000/- |
| 50 – 100 Cr. | 10, 00, 000/- |
| 100 – 200 Cr. | 20, 00, 000/- |
| > 200 Cr. | 30, 00, 000/- |

* **Note:** This deposit is adjustable only against waste disposal charges in the event, members desire to withdraw membership.

2) USER CHARGES

The Generator shall pay the following applicable User Charges based on the Waste Types.

a) Direct Landfill Charges: Per MT

Direct Disposal into Landfill: Rs. 3017/-

b) Stabilization Charges: Per MT

Cost of Direct Land filling (1+Bulking Factor) + Cost of Stabilization Reagents + Rs.500.00 per MT for re-handling expenses. + Rs.500.00 per MT Salt Disposal Mechanism Charges (*Applicable for Salts only)

c) Incineration Charges: per MT or KL (also depends on Material Density)

The cost of incinerating wastes per MT or per KL is subjective to the confirmation of the waste characteristics to the design parameters of the incinerator at the TSDF viz. Calorific Value, Chlorides, Sulphates, Nitrates, Bulk Density and the risks associated with the waste.

TRANSPORTATION CHARGES

a) Waste Transport Charges:

Rs. 8.62 per Km per Ton (MT), on distance calculated both-ways (Minimum for 20 km i.e. minimum distance used for calculation is 10 Km each way .(Minimum Charges shall be Rs. 2500/- per trip) for minimum 90% of the vehicle capacity.

Since the diesel rate is fluctuating frequently, the transportation charge/rate is calculated every month based on the average diesel rate during the month, using the formula given below.

| | | | |
|-----------------------------|-----------------------|---|--------------------------------------|
| A) | Fixed Costs | Includes – Depreciation on Vehicles, interest, Insurance and Road Tax. | Rs.1.90 (Actual incurred) |
| B) | Variable Costs | All operational costs including Salaries, Cost of Maintenance of vehicles and TA&DA for the drivers and helpers | Rs.1.90(Actual Incurred) |
| C) | Dynamic Variable cost | Cost of diesel and other lubricants | Rs.2.741 (As per actual calculation) |
| D) | Profit on B&C only | For sustenance of quality maintenance and growth | 10% proposed works out to Rs.0.464 |
| Total cost per Tonne Per KM | | | Rs.8.62 per tonne Per KM |

A) Fixed cost will not be varied.

B) 10% increase per annum on variable cost, is proposed and the same will be affected, every financial year.

C) Dynamic variable: varies as per the changes in the diesel rate. The formula will be $Rs. 1.24(Y/X)$

X = Diesel rate as on date of fixing the formula Rs. 29.21 / Liter

Y = Diesel rate after change Rs. 89.62

Element "C" will be calculated every month and the transportation rate will be accordingly fixed for the month. If the diesel rate does not change during that month transportation rate will remain same.

D) Profit: Profit of 10% is considered only on Variable Cost and Dynamic Variable Cost. Profit is not included as Fixed Cost.

The final transportation rate will be A+B+C+D, which now works out to Rs. 8.62 per Ton per KM, with the diesel rate of Rs. 89.73 per liter.

b) Truck Detention Charges:

Maximum time of Three hours is allowed for the truck to be detained at the Generator premises from the time of reporting at their Security Gate. In the event this period is exceeded then Rs. 500/- per hour shall be charged as detention charges.

c) Truck No-show Charges:

In case after planning and scheduling of a truck for the generator, the decides not sending waste and wishes to send the empty truck to REEL, the generator shall pay the transportation charges at actual to and fro distance or 20km minimum, whichever is applicable at 90% loading capacity of truck.

4) CONTAINER MAINTENANCE CHARGES

[Applicable when containerized truck Services are utilized]

The Generator has to pay the following charges as mentioned below towards the services of the Container, if opted for by the Generator.

a) Container Maintenance Charge: The charges are: -

| | |
|------------------------|-----------------------------|
| • 5.0 MT Hook loaders | Rs.2,50,000/- per Container |
| • 10.0 MT Hook Loaders | Rs.4,25,000/- per Container |
| • 15.0 MT Hook Loaders | Rs.5,50,000/- per Container |

Note: Since these containers will be replaced after three years due to wear and tear, structural disintegration and damage of the container due to corrosion, chemical inclusion etc. above container maintenance charges will be valid for three years only. The Container charges are subjective to the fluctuations of the steel prices in the market.

b) Container Handling Charges:

The Generator shall pay for Container Handling Charges to CWMP 2 as follows for utilizing the Material Handling Equipment.

For Hook lift/Crane Operations: Rs. 120/- per MT/Rs 180 per MT

For Waste transported by Generator, Handling (Unloading) Charges shall be Rs. 500/- per MT, if not transported by a Dumper/Tipper.

5) MINIMUM MONTHLY/ANNUAL SERVICE CHARGES

The Generator has to pay a minimum monthly service charge of Rs. 3000/- per month (36000/- per annum). This amount shall be adjusted against User Charges Invoices in calendar period of one year. In the event, for whatsoever reason, the Generator is unable to utilize the facility services for a particular month/period, the Generator shall forfeit the amount that is unutilized in that calendar year.

6) LAB ANALYSIS CHARGES

The lab analysis charges for Comprehensive analysis per sample will be Rs.18, 000/- excluding GST, which has to be paid by the Generator.

Note:

- Comprehensive analysis has to be carried out once again if there is any change in the manufacturing process, product mix or any change in the process which will have impact on waste characteristics or every two years whichever is earlier. Prior intimation has to be given by the GENERATOR to the DEVELOPER.
- Analysis Charges are variable charges; it depends on cost of chemicals & Consumables. Analysis charges will revise time to time & same will be informed to generator when there is revision.

7) PARAMETERS TO BE ANALYZED FOR COMPREHENSIVE ANALYSIS OF WASTE

1. Physical State: (Liquid/ Slurry/ Sludge/ Semi-solid/Solid: Inorganic, Organic, Metallic)
2. Different Phases: (in cases of Solid / Slurries / Sludge) contained in aqueous liquids/solutions
3. Colour and Texture
4. Specific Gravity

5. Viscosity
6. Calorific Value
7. Flash Point
8. % Moisture content (Loss on ignition at 105oC)
9. % Organic Content (Loss on ignition at 550oC)
10. Paint Filter Liquid Test (PFLT)
11. PH
12. Sulphur (elemental)
13. 24 hour Leaching Procedure
14. Reactive Cyanide (PPM)
15. Total Cyanide
16. Reactive Sulphide (ppm)
17. Sulphur elemental
18. Concentration of individual inorganics (Metals), both total and leachable, specific parameters to be determined based on source of waste
19. Oil and Grease
20. Extractable Organics
21. % Carbon, % Nitrogen, % Sulphur, % Hydrogen
22. Concentration of Individual Organics
23. TCLP for identified parameters

8) PARAMETERS TO BE ANALYZED FOR FINGER PRINT ANALYSIS

1. Physical State of the WASTE
2. Identification of different phases of WASTE
3. Colour and Texture
4. Specific Gravity
5. Viscosity
6. Flash Point
7. % Moisture content (Loss on ignition at 105°C)
8. % Organic Content (Loss on ignition at 550°C)
9. Paint Filter Liquid Test (PFLT)
10. Liquid Release test
11. pH
12. Reactive Cyanide (PPM)
13. Reactive Sulphide (PPM)

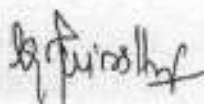
9) TAXES / LEVIES:-

All Government / Municipal / Panchayat Taxes / Duties/ Levies/ Octroi / Tolls /ESCROW Charges (5% on Landfill Charges) etc, as applicable from time to time, shall be borne and payable by Generator. At present our (RAMKY) services are coming service act. As per the GST Norms, the tax will be applicable.



10) OTHER TERMS & CONDITIONS

- This membership is valid as long as the Generator is in good standing with the TSDF and has continued valid authorization from SPCB.
- The membership deposit is one time Non-refundable deposit with benefits for full tenure of TSDF.
- The Security deposit will be adjustable against waste disposable charges, when desired to discontinue membership, before the end of life of TSDF, otherwise it lapses.
- This TSDF shall accept only hazardous wastes as classified in Hazardous Rules for disposal and shall not accept radioactive wastes, Municipal wastes, Bio-Medical waste.
- Acceptance of wastes is dependent on the fulfillment of regulatory and statutory guidelines for operations of TSDF issued from time to time.
- Pathway of disposal of wastes and its price shall be decided based on the guidelines issued from time to time by regulatory authorities and shall be at the discretion of TSDF.
- From the date of signing of agreement you have to submit your sample for comprehensive analysis within 15 days. The analysis report generated by Operator will form the basis of disposal pathway along with disposal charges which will be annexed after analysis of the sample and will form the part of Agreement.



R L Fine Chem Pvt. Ltd.
Plot No. 165 to 182,
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 211
Andhra Pradesh



DECLARATION

We the **R L Fine Chem Pvt. Ltd.**, hereby declare that based on our industry production and our annual projections we shall be disposing the following Hazardous Waste types to CWMP/ CWMP2. (Add sheets could be used for multiple waste types)

- The Avg. Yearly generation of Hazardous Waste is expected as follows.

1. Avg. 180 MT per year of ETP Sludge (35.3) type of Hazardous waste
2. Avg. 8.28 MT per year of Inorganic Salts (28.1) type of Hazardous waste
3. Avg. 162 MT per year of MEE Salts type (35.3) of Hazardous waste

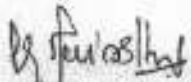
- Avg. monthly generation of Hazardous Waste is expected as follows.

1. Avg. 15 MT per month of ETP Sludge (35.3) type of Hazardous waste
2. Avg. 6.9 MT per month of Inorganic Salts (28.1) type of Hazardous waste
3. Avg. 13.5 MT per month of MEE Salts (35.3) type of Hazardous waste

-
- The Total accumulated/stored/buried in pits Hazardous Waste from the period since inception is approximately as follows which is being sent to disposal at CWMP/CWMP 2.


4. Avg. _____ MT per year of _____ type of Hazardous waste
5. Avg. _____ MT per year of _____ type of Hazardous waste
6. Avg. _____ MT per year of _____ type of Hazardous waste

FOR the R L Fine Chem Pvt. Ltd.,


Authorized Signatory
The Generator

In the presence of

Name: Mr. Munirathnam

Sign: 

Company/Occupation: R L Fine Chem Pvt.Ltd. plot No.165 to 182,

R L Fine Chem Pvt. Ltd.
Plot No. 165 to 182,
A.P.I.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 211
Andhra Pradesh

A.P.I.I.C. Industrial Estate, Thumukunta,
Hindupur-515211, Andhra Pradesh

Name: MUNIRATHINAM.

Sign: [Signature]

Company/Occupation: RL FINE CHEM PVT LTD.

Designation: QM - operation

R L Fine Chem Pvt. Ltd

Plot No. 165 to 182,

A.P.I.C. Industrial Estate

Thumukunta, Hindupur - 517

Andhra Pradesh

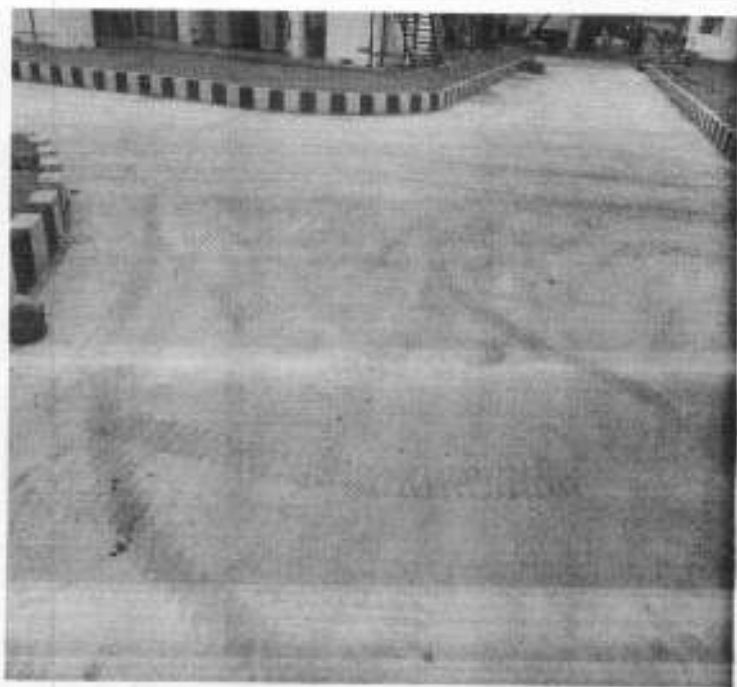
ANNEXURE – 8

(Green Belt)

R L Fine Chem Pvt
Plot No. 165 to 182
A.P.I.C. Industrial Estate
Thumukunta, Hindupur - 515 1
Andhra Pradesh

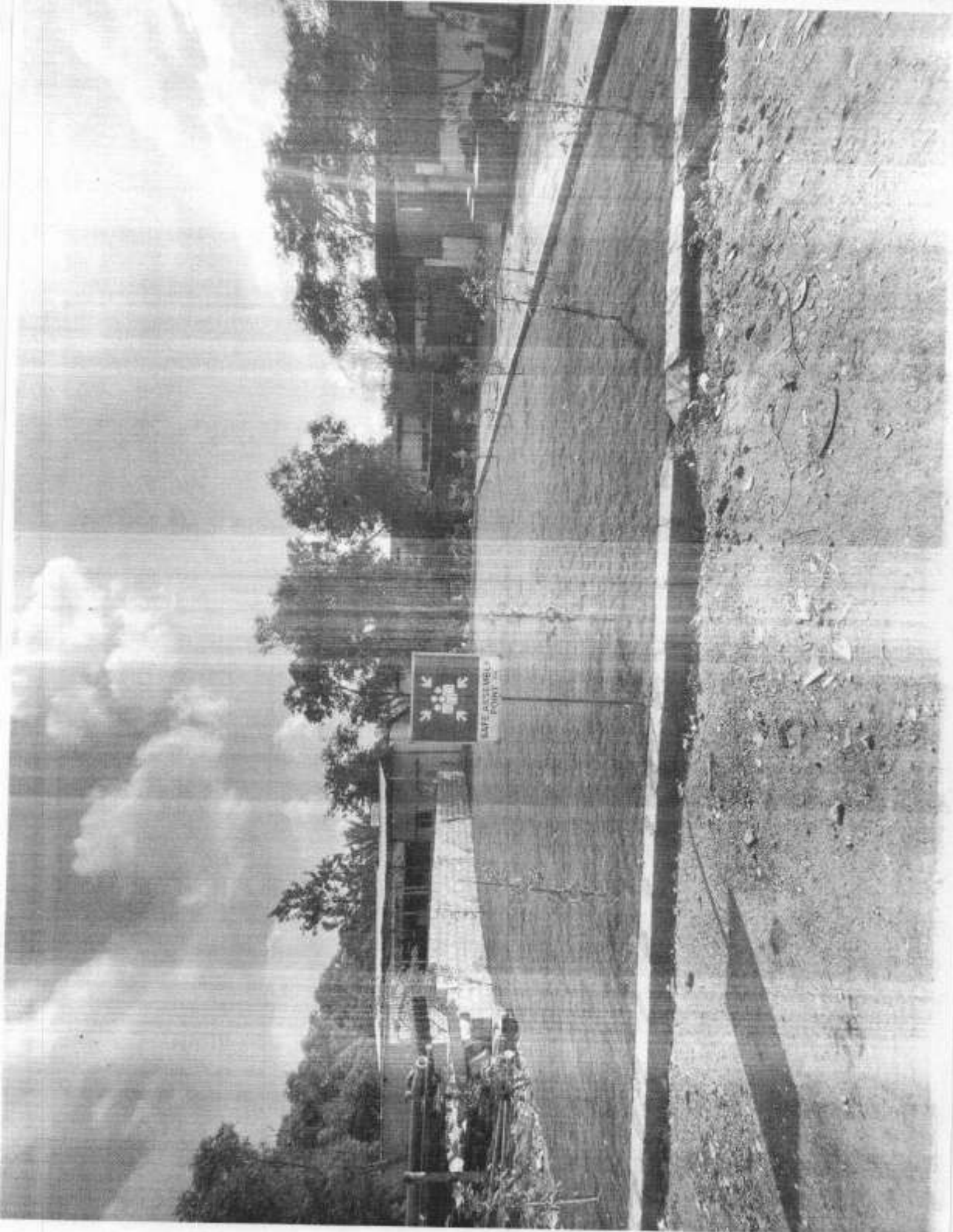
GREEN BELT AREA





GREEN BELT AREA





ANNEXURE – 9

(CER Copy)

R L Fine Chem Pvt. Ltd.
Plot No. 165 to 182,
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 211
Andhra Pradesh

Drinking RO Plant for KODIPALLI Govt. High School Andhra Pradesh

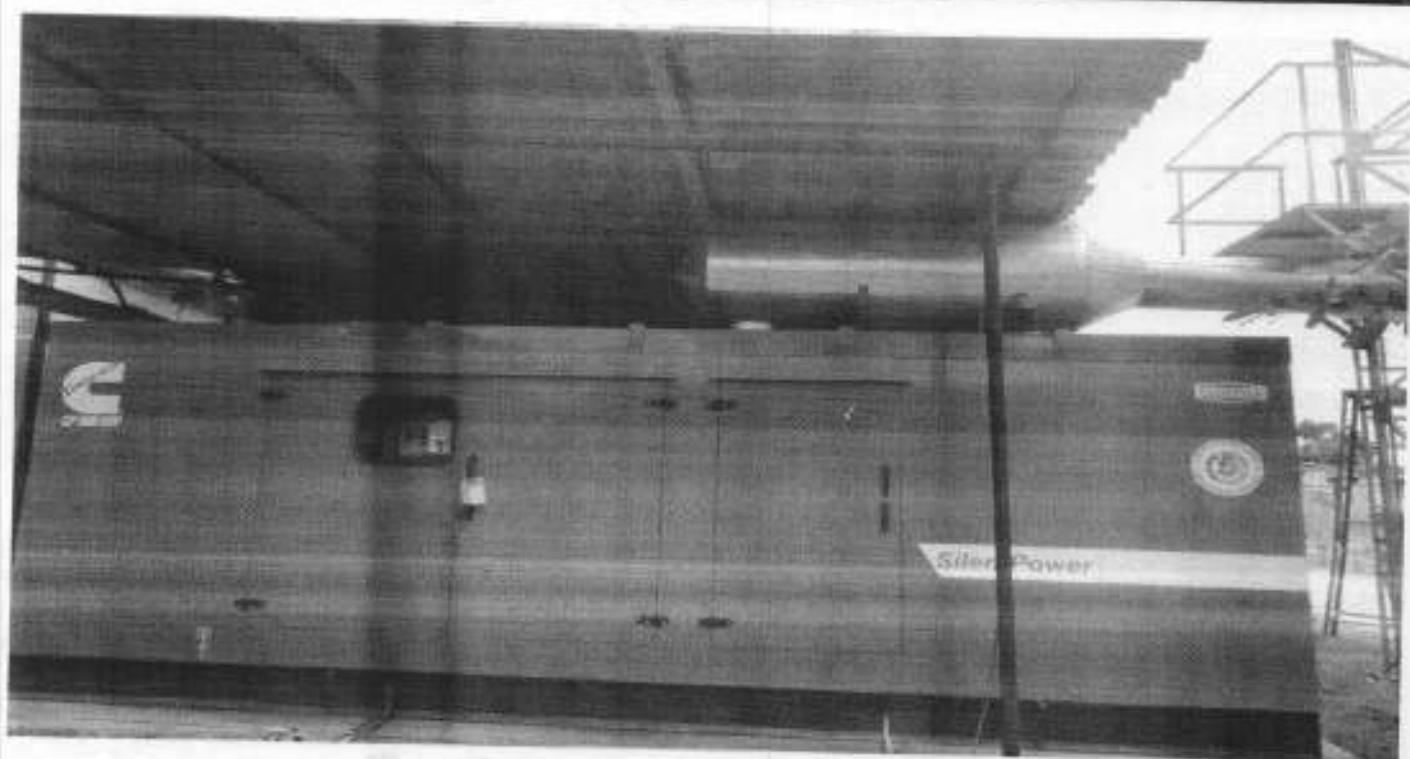


ANNEXURE – 10

(DC Set Provision)

R. L. Fine Chem Pvt. Ltd.
Plot No. 165 to 182,
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 211
Andhra Pradesh

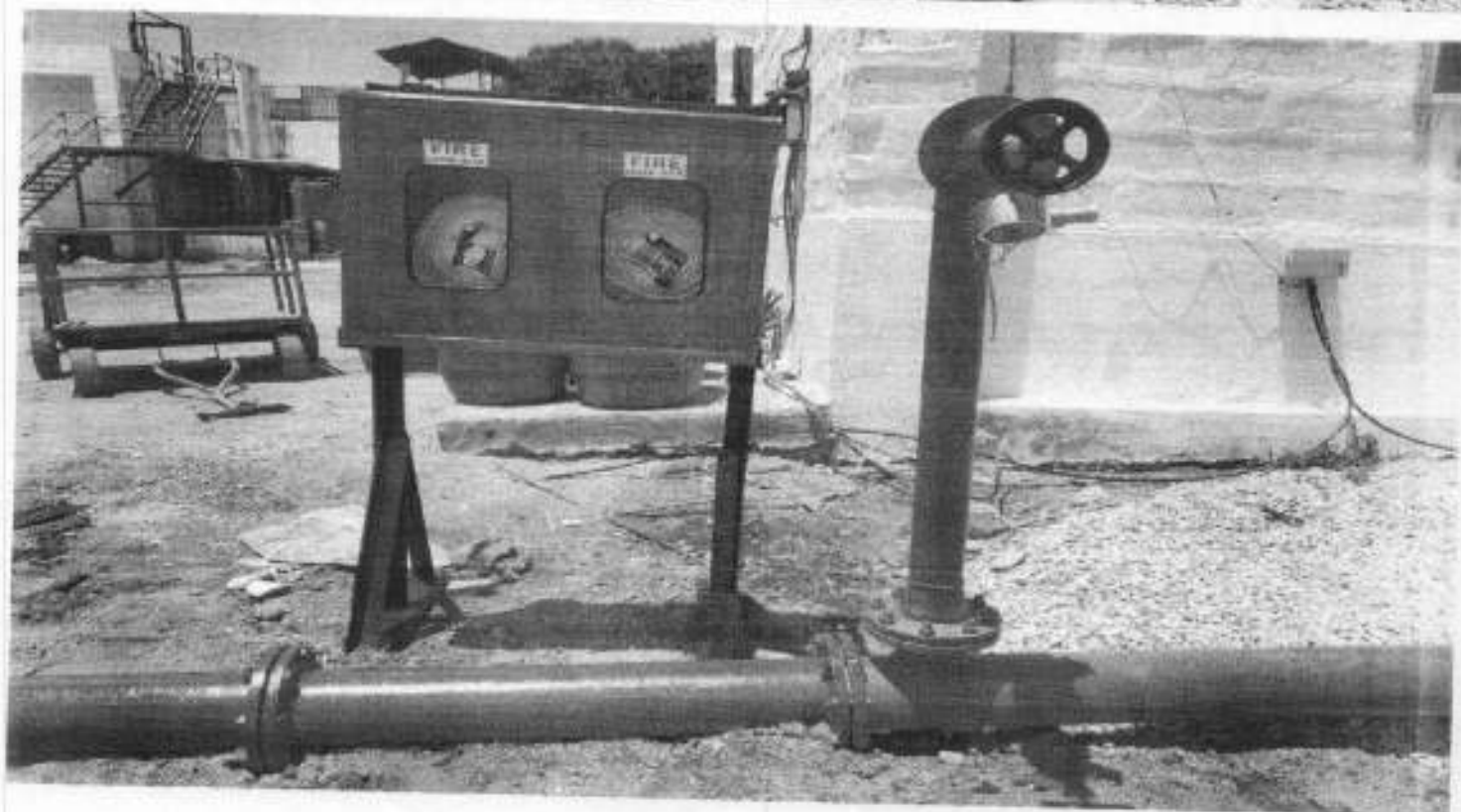
DG Chimney & Acoustic protection

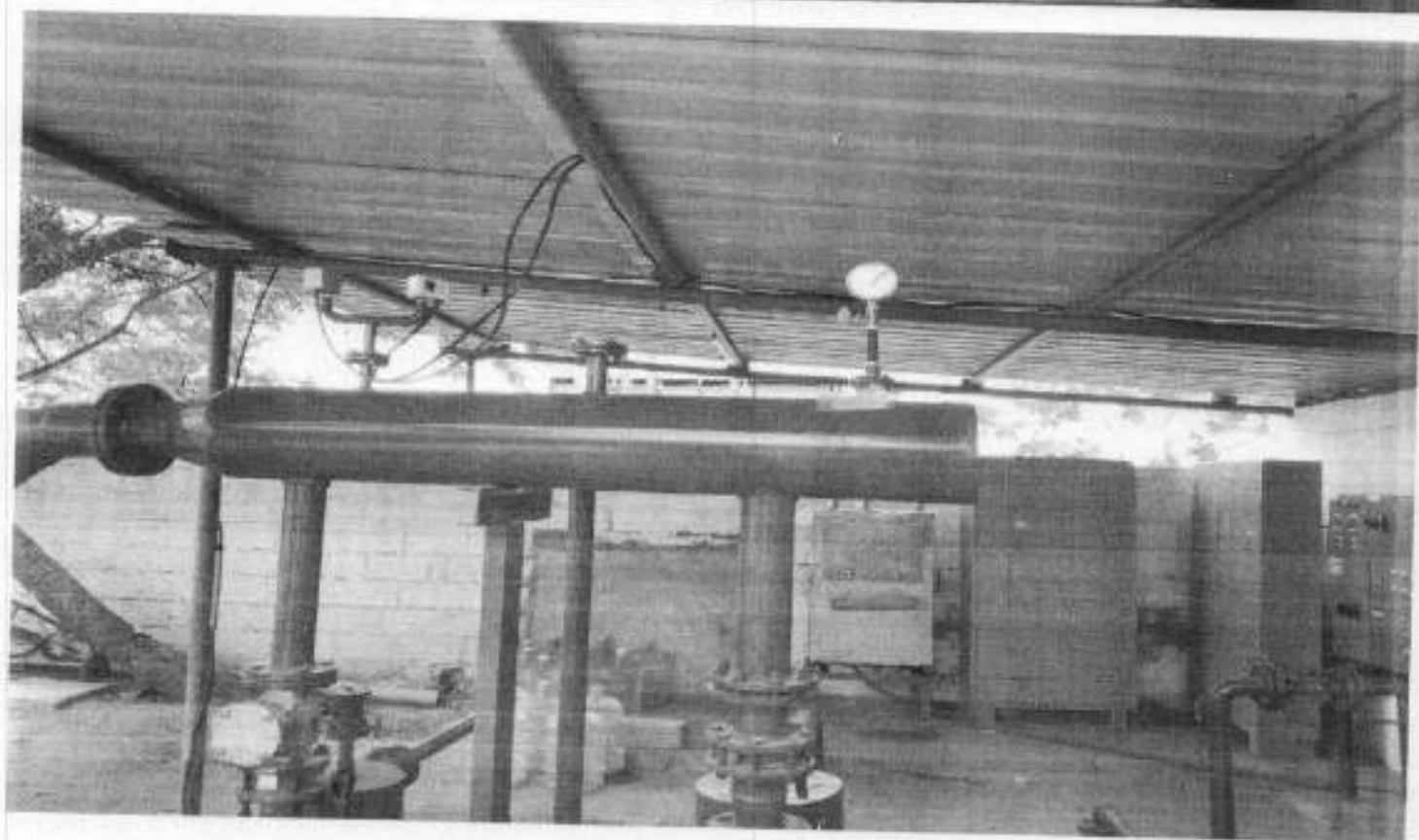
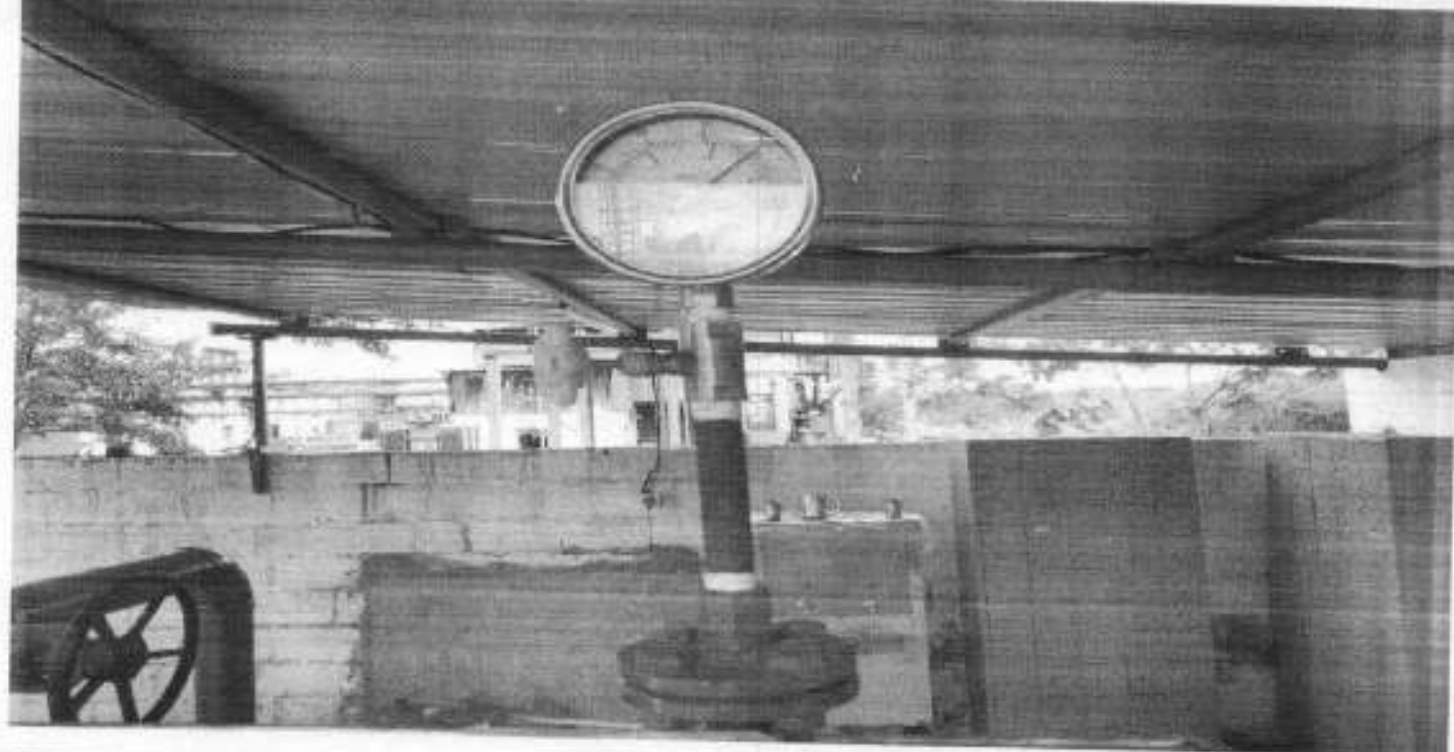


ANNEXURE – 11

(Fire Extinguisher & Fire Hydrant System)

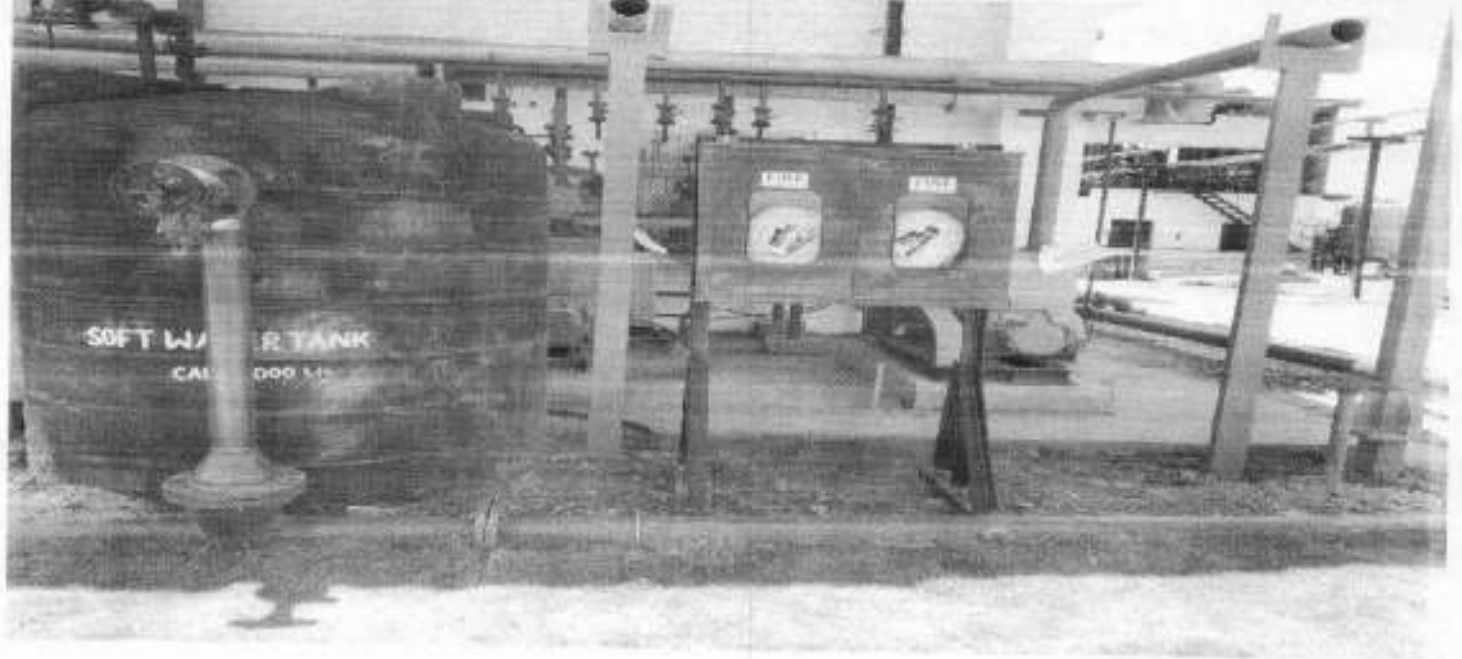
R L Fine Chem Pvt. Ltd
Plot No. 165 to 182,
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 211
Andhra Pradesh



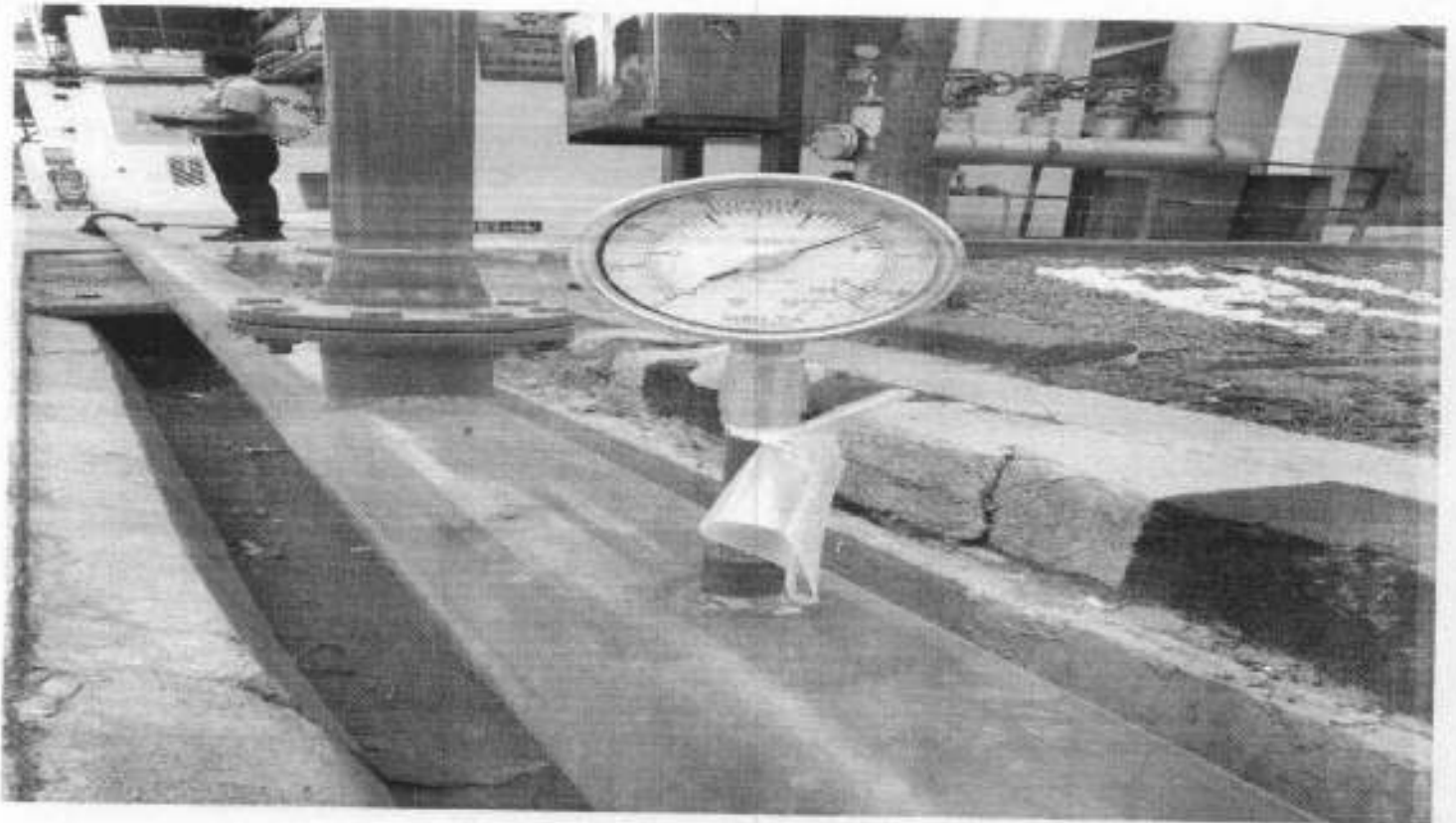


Fire hydrant system





Maintaining 7 kg pressure in hydrant line.



ANNEXURE – 12

(Occupation Heath Report)

A. L. Fine Chem Pvt. Ltd.
No. 165 to 182,
A. C. Industrial Estate,
P.O. : Janta, Hindupur - 515 211
Andhra Pradesh



TEATREE HOSPITAL & DIAGNOSTICS (A Unit OF TEATREE HEALTHCARE PVT)

24/7 Emergency & Day Care | Specialist Consultation | Laboratory | Digital Health Checks | Vaccination | ECG | PFT | ECHO | TMT | Dentistry | 24/7 Ambulance | Ultrasound & Colour Doppler | OT & Surgery | In-Patient & Insurance | 24/7 Physiotherapy | Eye Care & Optical Store | Elderly & Homecare | Corporate Wellness Services

FITNESS CERTIFICATE (FOR THE YEAR 2023)

Camp No: H105



EMP ID: 5024

It is to certify that Mr. /Mrs. /Ms. Thimmegowda has undergone Routine Medical Examination at M/s. R L Fine Chem Pvt. Ltd.(Hindupur) he/she is fit to work.

The entire set of reports has been verified by The Medical Officer and all the relevant tests have been carried out under the presence of a Pathologist/Lab Technician.

*Medical Examination has been conducted:

- Medical History (MER).
- Complete Blood Count (CBC) with Erythrocyte Sedimentation Rate (ESR).
- Blood Grouping & Rh Type.
- Lipid Profile.
 - a) Serum Cholesterol
 - b) Triglycerides
- Liver Function Test (LFT).
 - a) SGOT
 - b) SGPT
- Kidney Function Test (KFT)
 - a) Blood Urea
 - b) Serum Creatinine
- Urine Routine and Microscopy.
- Blood Sugar (GLUCOSE) - HbA1c.
- Eye Examination.
- Audiometry Test.
- Pulmonary Function Testing (PFT).
- Chest X-Ray.
- Electrocardiogram (ECG).

Signature
Medical Officer

M.B.B.S



TEATREE HOSPITAL & DIAGNOS

(A Unit OF TEATREE HEALTHCARE PVT)

24/7 Emergency & Day Care | Specialist Consultation | Laboratory | Di
Health Checks | Vaccination | ECG | PFT | ECHO | TMT | Dentistry | 24/7
Ultrasound & Colour Doppler | OT & Surgery | In-Patient & Insurance | 24/7
Physiotherapy | Eye Care & Optical Store | Elderly & Homecare | Corporate Welfare

Physical Examination with Medical History

| | | | | | |
|----------------------|----------------------------|--------------------|---------------------|-----------------------------------|-----------------|
| PERSONAL DETAILS | Name | Thimmegowda | Date | 04-Jan-23 | |
| | Age | 51 | Hospital Id | H105 | |
| | Sex | Male | Package | R L Fine Chem Pvt. Ltd.(Hindupur) | |
| | Marital Status | Married | Examined by | Medical Officer | |
| PERSONAL HISTORY | History of present illness | | Nothing Significant | | |
| | Past Medical History | | Nothing Significant | | |
| | Sleep | Normal | Habits | Smoking: No Alcohol: No | |
| | Allergy | Nil | Diet | Mixed | |
| PHYSICAL EXAMINATION | Height | 172Cms | | Vision | Report Enclosed |
| | Weight | Kgs | | | |
| | BP | 110/70 mm of Hg | | | |
| | Pulse | 76 Bt/ min | | Color vision | Report Enclosed |
| | BMI | 27.041644131963224 | | | |
| | | OVERWEIGHT | | | |
| | Temp | 95 | | | |
| | Skin | Normal | | | |

| | |
|------------|----------------|
| Impression | clinically fit |
|------------|----------------|

Doctors Signature and Seal

Hema M

M.B.B.S

Reg No.: 145157



TEATREE HOSPITAL & DIAGNOSTICS

(A Unit OF TEATREE HEALTHCARE PVT LTD)

24/7 Emergency & Day Care | Specialist Consultation | Laboratory | Digital X-Ray
Health Checks | Vaccination | ECG | PFT | ECHO | TMT | Dentistry | 24/7 Ambulance
Ultrasound & Colour Doppler | OT & Surgery | In-Patient & Insurance | 24/7 Pharmacy
Physiotherapy | Eye Care & Optical Store | Elderly & Homecare | Corporate Wellness Services

LABORATORY INVESTIGATION REPORT



| | | | |
|------------------------|-------------------|---------------|------------------------------|
| Name | : Mr. THIMMEGOWDA | Patient No | : TH2223/020295 |
| Age / Sex | : 51 years / Male | Bill No | : OP2223/021476 |
| Sample collection time | : | Reported Time | : |
| Referred by | : Mx. Laboratory | Referred by | : Mx. RLFC STAFF |
| | | Org Name | : R L FINE CHEM PVT. LTD etc |

| Investigation Name | Methodology | Values | Units | Ref Range |
|--------------------|-------------|--------|-------|-----------|
|--------------------|-------------|--------|-------|-----------|

R L FINE CHEM PVT. LTD staff

HAEMATOLOGY**COMPLETE BLOOD COUNT WITH ESR**

| | | | |
|--|------|------------|------------|
| HEMOGLOBIN (HB) | 15.0 | Gms% | 13-18 |
| ERYTHROCYTES (RBC) | 4.88 | % | 1-6 |
| WBC Count - Total | 8100 | cells/cumm | 4000-11000 |
| DIFFERENTIAL COUNT | | | |
| NEUTROPHILS | 52 | % | 35-70 |
| LYMPHOCYTES | 37 | % | 20-45 |
| EOSINOPHILS | 05 | % | 1-6 |
| MONOCYTES | 05 | % | 0-7 |
| BASOPHILS | 01 | % | 0-1 |
| PLATELET COUNT | 2.59 | lakhs/cumm | 1.5-4.5 |
| PACKED CELL VOLUME(PCV) | 42.0 | vol% | 40-50 |
| MEAN CORPUSCULAR VOLUME | 86.2 | fL | 78-98 |
| MEAN CORPUSCULAR HAEMOGLOBIN | 30.7 | pg | 22.7-33.2 |
| MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION | 35.6 | % | 33.4-35.5 |
| ERYTHROCYTE SEDIMENTATION RATE (ESR) | 10 | mm/1hr | 0-10 |

Rohith

Dr. Sateesh Chandra S
Reg. No. 78021 (KMC)



TEATREE HOSPITAL & DIAGNOSTICS

(A Unit OF TEATREE HEALTHCARE PVT LTD)

24/7 Emergency & Day Care | Specialist Consultation | Laboratory | Digital Health Checks | Vaccination | ECG | PFT | ECHO | TMT | Dentistry | 24/7 Ambulance | Ultrasound & Colour Doppler | OT & Surgery | In-Patient & Insurance | 24/7 Pharmacy | Physiotherapy | Eye Care & Optical Store | Elderly & Homecare | Corporate Wellness Services

LABORATORY INVESTIGATION REPORT



| | | | |
|------------------------|-------------------|---------------|------------------------|
| Name | : Mr. THIMMEGOWDA | Patient No | : TH2223/020295 |
| Age / Sex | : 51 years / Male | Bill No | : OP2223/021476 |
| Sample collection time | : | Reported Time | : |
| Referred by | : Mx. Laboratory | Referred by | : Mx. RLFC STAFF |
| | | Org Name | : R L FINE CHEM PVT. L |

| Investigation Name | Methodology | Values | Units | Ref Range |
|--------------------|-------------|--------|-------|-----------|
|--------------------|-------------|--------|-------|-----------|

CLINICAL PATHOLOGY

COMPLETE URINE ROUTINE - CUE

PHYSICAL EXAMINATION

| | | | | |
|------------------|--|-------------|--|--|
| COLOUR URINE | | Pale Yellow | | |
| VOLUME URINE | | 20 | | |
| APPEARANCE | | Clear | | |
| SPECIFIC GRAVITY | | 1.020 | | |
| PH INDICATOR | | 5.0 | | |

CHEMICAL EXAMINATION

| | | | | |
|---------------|-------------------------------|----------|-------|----------|
| ALBUMIN | Protein Error of pH indicator | NIL | | |
| GLUCOSE | GOD-POD | NIL | mg/dl | Negative |
| PROTEINS | | NIL | | 6-8 |
| KETONE BODIES | | Negative | | |
| BILE SALTS | | Negative | mg/dl | 0-50 |
| BILE PIGMENTS | | Negative | | |

MICROSCOPIC EXAMINATION

| | | | | |
|------------------|--|-----|-----------|--|
| PUS CELLS | | 1-2 | Cells/hpf | |
| EPITHELIAL CELLS | | 0-1 | cells/hpf | |
| RBCS | | NIL | cells/hpf | |
| CASTS | | NIL | | |
| CRYSTALS | | NIL | | |

Susathu

Senior Lab Technician

Rohith
Verified By

Sateesh
Dr. Sateesh Chandra S
Reg. No. 78021 (KMC)



TEATREE HOSPITAL & DIAGNOSTICS

(A Unit OF TEATREE HEALTHCARE PVT LTD)

24/7 Emergency & Day Care | Specialist Consultation | Laboratory | Digital X-Ray
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LABORATORY INVESTIGATION REPORT



| | | | |
|------------------------|-------------------|---------------|------------------------------|
| Name | : Mr. THIMMEGOWDA | Patient No | : TH2223/020295 |
| Age / Sex | : 51 years / Male | Bill No | : OP2223/021476 |
| Sample collection time | : | Reported Time | : |
| Referred by | : Mx. Laboratory | Referred by | : Mx. RLFC STAFF |
| | | Org Name | : R L FINE CHEM PVT. LTD. su |

| Investigation Name | Methodology | Values | Units | Ref Range |
|--|-------------|--------|-------|---|
| BIOCHEMISTRY | | | | |
| SERUM CHOLESTROL | CHOD-PAP | 178.6 | mg/dl | Desirable : <180mg/dl Borderline: 180-240 mg/dl High : >240mg/dl |
| TRIGLYCERIDES | | 56.5 | mg/dl | <200 |
| ASPARTATE AMINOTRANSFERASE (AST/ SGOT) | | 26.0 | U/l | 5-40 |
| SGPT | | 38.3 | | 5-35 |
| Blood Urea | | 27.82 | mg/dl | 10-50 |
| SERUM CREATININE | | 0.75 | mg/dl | 0.5 - 1.5 |

Note : Results pertained to sample tested.

-----End Of Report-----

S. Sathya

Senior Lab Technician

Rohith
Verified By

Dr. Sateesh Chandra S
Reg. No. 78021 (KMC)



TEATREE HOSPITAL & DIAGNOSTICS

(A Unit OF TEATREE HEALTHCARE PVT LTD)

24/7 Emergency & Day Care | Specialist Consultation | Laboratory | Digital Health Checks | Vaccination | ECG | PFT | ECHO | TMT | Dentistry | 24/7 Ambulance | Ultrasound & Colour Doppler | OT & Surgery | In-Patient & Insurance | 24/7 Pharmacy | Physiotherapy | Eye Care & Optical Store | Elderly & Homecare | Corporate Wellness Services

LABORATORY INVESTIGATION REPORT



| | | | |
|------------------------|-------------------|---------------|----------------------|
| Name | : Mr. THIMMEGOWDA | Patient No | : TH2223/020295 |
| Age / Sex | : 51 years / Male | Bill No | : OP2223/021476 |
| Sample collection time | : | Reported Time | : |
| Referred by | : Mx. Laboratory | Referred by | : Mx. RLFC STAFF |
| | | Org Name | : R L FINE CHEM PVT. |

| Investigation Name | Methodology | Values | Units | Ref Range |
|--------------------|-------------|--------|-------|-----------|
| BACTERIA | | NIL | | |
| OTHERS | | NIL | | |

Senior Lab Technician

 Rohith
Verified By

 Dr. Sateesh Chandra S
Reg. No. 78021 (KMC)

Consultant Pathologist



Thyrocare
1st Floor, 889 HSR layout
Sector 7 (BDA), No 1159,
Bangalore



TEATREE HOSPITAL & DIAGNOSTICS

(A Unit OF TEATREE HEALTHCARE PVT)

24/7 Emergency & Day Care | Specialist Consultation | Laboratory | Digital X-Ray
Health Checks | Vaccination | ECG | PFT | ECHO | TMT | Dentistry | 24/7 Ambulance
Ultrasound & Colour Doppler | OT & Surgery | In-Patient & Insurance | 24/7 Pharmacy
Physiotherapy | Eye Care & Optical Store | Elderly & Homecare | Corporate Wellness Services

NAME : THIMME Gowda (51Y/M)
REF. BY : SELF
TEST ASKED : HbA1c

SAMPLE COLLECTED AT :
PLOT NO 174 175, THUMUKUNTA, APIIC
INDUSTRIAL AREA, HINDUPUR ANANTHUR,
ANDHRA PRADESH - 515211

| TEST NAME | TECHNOLOGY | VALUE | UNITS |
|----------------|------------|-------|-------|
| HbA1c - (HPLC) | H.P.L.C | 5.4 | % |

Reference Range :

Reference Range: As per ADA Guidelines

Below 5.7% : Normal
5.7% - 6.4% : Prediabetic
>=6.5% : Diabetic

Guidance For Known Diabetics

Below 6.5% : Good Control
6.5% - 7% : Fair Control
7.0% - 8% : Unsatisfactory Control
>8% : Poor Control

Method : Fully Automated H.P.L.C. using Biorad Variant II Turbo

AVERAGE BLOOD GLUCOSE (ABG) CALCULATED 108 mg/dl

Reference Range :

90 - 120 mg/dl : Good Control
121 - 150 mg/dl : Fair Control
151 - 180 mg/dl : Unsatisfactory Control
> 180 mg/dl : Poor Control

Method : Derived from HBA1c values

Please correlate with clinical conditions.

-- End of report --

Sample Collected on (SCT) :05 Jan 2023 08:00

Sample Received on (SRT) :05 Jan 2023 15:32

Report Released on (RRT) :05 Jan 2023 22:33

Sample Type : EDTA

Labcode : 0501085130/AE112

Barcode : 29057986



[Signature]

Dr Ishant Anand MD(Path)



TEATREE HOSPITAL & DIAGNOSTICS

(A Unit OF TEATREE HEALTHCARE PVT)

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Ultrasound & Colour Doppler | OT & Surgery | In-Patient & Insurance | 24/7 Pharm
Physiotherapy | Eye Care & Optical Store | Elderly & Homecare | Corporate Wellness Servi

Camp#: H/05

CERTIFICATE

Mr./Mrs./Ms: Date: 02-01-2023 Age 51 Y
was seen on... UWD: TH2223/020295
Name: THIMME Gowda M

Age: Emp #:

| | Right Eye | Left Eye |
|------------------|-----------------------------|-----------------------------|
| Vision (BCVA) | 6/6 Nv +2 | 6/6 Nv +2 |
| Color Vision | N | N |
| Anterior Segment | — | — |
| Pupils | 3mmRRR | 3mmRRR |
| Fundus | Disc, Macula, retina Normal | Disc, Macula, retina Normal |
| Advice: - | Normal Vision (Power +2) | |


Signature

Optometrist/Ophthalmologist

Dr. M.S. Jayashree

Sr. Optometrist

M.B.B.S., D.O.M.S.

Reg No. - 220295



TEATREE HOSPITAL & DIAGNOSTICS

(A Unit OF TEATREE HEALTHCARE PVT)

24/7 Emergency & Day Care | Specialist Consultation | Laboratory | Digital Health Checks | Vaccination | ECG | PFT | ECHO | TMT | Dentistry | 24/7 Ar Ultrasound & Colour Doppler | OT & Surgery | In-Patient & Insurance | 24/7 P Physiotherapy | Eye Care & Optical Store | Elderly & Homecare | Corporate Wellness

Name :

Date:

Camp No:

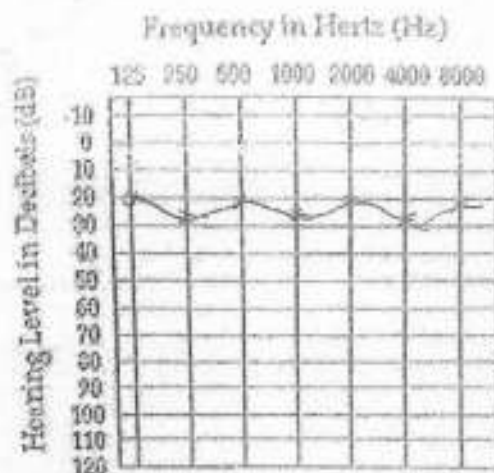
7105

Age :

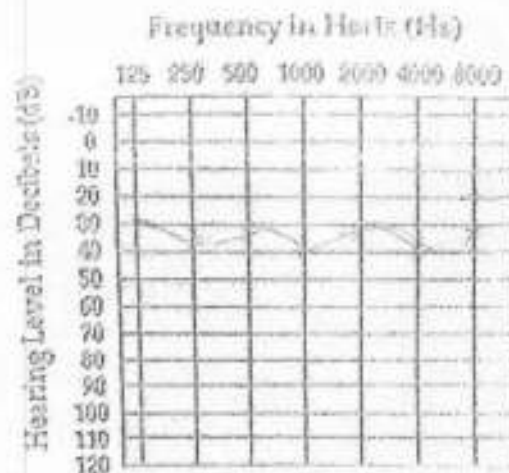
Gender:

AUDIOGRAM

LEFT EAR



RIGHT EAR



SYMBOL TABLE

L R LM RM BL BR

X O □ Δ

INTERPRETATION:

BL Normal Hearing

Dr. Mahesh Mehta
Sr. Consultant ENT
M.B.B.S, DLO, DNB
Reg No.: 47868



ndd-Medical Technologies

200 Brickstone Square, Andover, MA

HOSPITAL
for people's well-being

TEATREE HOSPITAL & DIAGNOSTICS
(A Unit OF TEATREE HEALTHCARE PVT LTD)

24/7 Emergency & Day Care | Specialist Consultation | Laboratory | Digital X-Ray
Health Checks | Vaccination | ECG | PFT | ECHO | TMT | Dentistry | 24/7 Ambulance
Ultrasound & Colour Doppler | OT & Surgery | In-Patient & Insurance | 24/7 Pharmacy
Physiotherapy | Eye Care & Optical Store | Elderly & Homecare | Corporate Wellness Services

ID: H105 Age: 51

THIMMEGOWDA

| | |
|--------------|-------|
| Sex at Birth | Male |
| Ethnicity | Asian |

| | | |
|--------|--------|--------|
| Height | 172 cm | |
| Weight | 80 kg | BMI 27 |

| | |
|--------|-----|
| Asthma | 100 |
| COPD | 100 |

Your FEV1 / Predicted: 51%

FVL (ex/in)

Print Date: 1/4/2023 10:03 PM

Interpretation:
Predicted

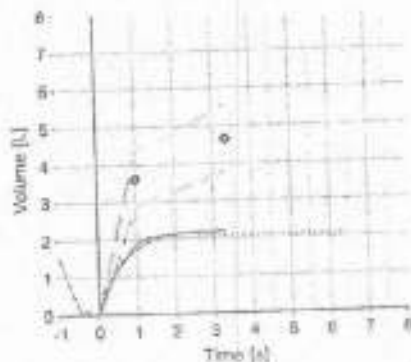
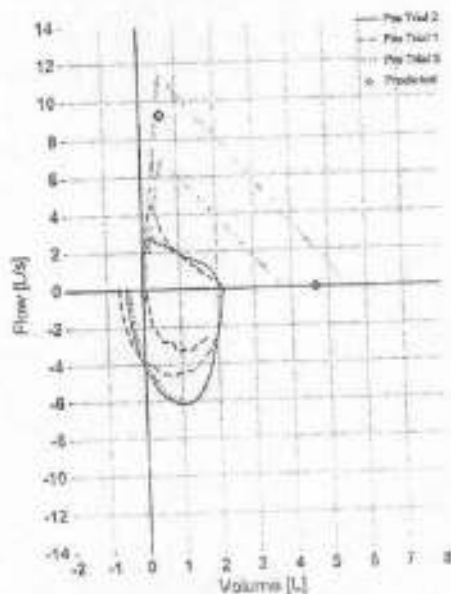
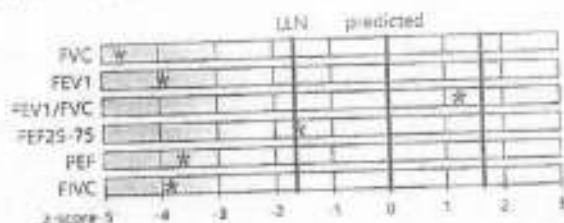
| | | |
|----------------------------|--------------|-----------|
| GOLD(2008)/Hardie | BTPS (IN/EX) | 1.11/1.02 |
| Harrison (RHANES II), 1999 | | |
| 1.100 | | |

| Parameter | Pre | Post | | | | | | |
|----------------|-------|-------|---------|-------|-------|---------|---------|---------|
| | Best | LLN | Z-Score | %Pred | Pred | Trial 2 | Trial 1 | Trial 3 |
| FVC (L) | 2.18* | 3.78 | -4.66 | 47 | 4.65 | 2.18* | 2.17* | 2.09* |
| FEV1 (L) | 1.85* | 2.87 | -3.93 | 51 | 3.61 | 1.85* | 1.76* | 1.74* |
| FEV1/FVC | 0.849 | 0.676 | 1.25 | - | 0.775 | 0.849 | 0.814 | 0.832 |
| FEF25-75 (L/s) | 1.79 | 1.72 | -1.57 | 56 | 3.21 | 1.79 | 1.59* | 1.72 |
| PEF (L/s) | 4.53* | 7.10 | -3.60 | 49 | 9.27 | 2.00* | 4.53* | 2.67* |
| TET (s) | 3.3 | - | - | - | - | 3.3 | 2.1 | 6.4 |
| #VC (L) | 2.62* | 3.78 | -3.84 | 56 | 4.65 | 2.62* | 2.78* | 2.42* |
| #F (L/s) | 6.19 | - | - | - | - | 6.19 | 4.58 | 6.12 |

* Indicates value outside normal range or significant post change.

* Indicates value outside normal range of significance for change.

| | | |
|-----------------------|-----|---|
| Session Quality | Pre | 12/17/2012 12:00:00 PM |
| System Interpretation | Pre | Restriction probable; further examination recommended |



1 Day
Dr. Dan Smith, M.D.
3-10-1964
Smith, Dan Smith, M.D.
Smith, Dan Smith, M.D.
Smith, Dan Smith, M.D.



TEATREE HOSPITAL & DIAGNOSTICS

(A Unit OF TEATREE HEALTHCARE PVT LTD)

24/7 Emergency & Day Care | Specialist Consultation | Laboratory | Digital X-Ray
Health Checks | Vaccination | ECG | PFT | ECHO | TMT | Dentistry | 24/7 Ambulance
Ultrasound & Colour Doppler | OT & Surgery | In-Patient & Insurance | 24/7 Pharmacy
Physiotherapy | Eye Care & Optical Store | Elderly & Homecare | Corporate Wellness Services

DATE: 04-01-2023

ID NO : H105

NAME : Thimmegowda

AGE : 51 Y/M

CHEST X-RAY P.A VIEW

Lungs Seen. : No active parenchymal lesion is seen.
Heart. : Size and configuration is normal.
Costophrenic&
Cardiophrenicangles : Normal
Hilae : Clear
Soft Tissues. : Normal
Bones. : Normal
IMPRESSION. : NORMAL X RAY.



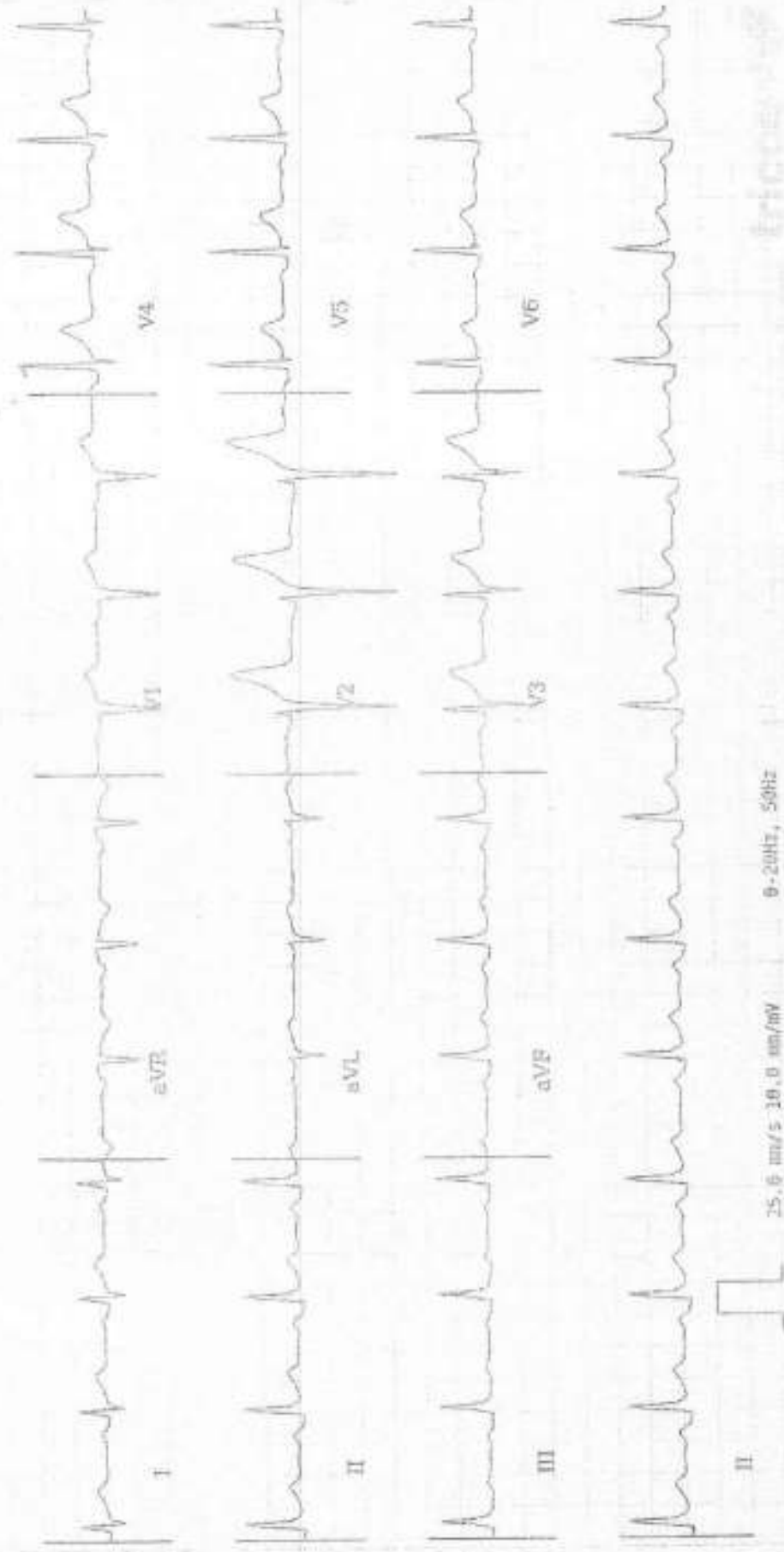
DR.RUDRAPPA.K
CONSULTANT RADIOLOGIST
MD,RP, DMRD



TEATREE HOSPITAL & DIAGNOSTICS.

Age / Gender: 51/Male
Patient ID: H105
Patient Name: Mr Thimmesgowda

Date and Time: 4th Jan 23 11:50 AM



AP: 84.0bpm VP: 63.0bpm QRSD: 0.4.0ms QT: 346.0ms QTc: 40.4ms PR: 190.0ms P-R-T: 52.0° 82.0° 30.0°

ANNEXURE – 13

(Online Continuous Monitoring System)

R L Fine Chem
Plot No. 165 to 174
A.P.I.C. Industrial Estate,
Thamukunta, Hindupur - 515 2
Andhra Pradesh

Online monitoring CC Camera and Flow meter



ANNEXURE – 14

(Noise Level Report)

ne Chem Pvt. Ltd.
lot No. 185 to 182,
I.C. Industrial Estate,
Sunta, Hindupur - 515 211
Andhra Pradesh



ISO 9001:2015
ISO 45001:2018

GLOBAL ENVIRO LABS

Recognised By Ministry of Environment Forest & Climate Change (MoEF & CC) GOI & NABL

2-2-1075/14/A/1, 1st Floor, Tilaknagar 'X' Road, Bagh Amberpet,
Hyderabad - 500 013, Ph : 27407969

E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

Accredited by :



REF.NO:GEL/RP/198/NQD/2023-006

Date :03-07-2023

AMBIENT NOISE QUALITY DATA

Name of the Industry : **M/s. RL FINE CHEM PVT LTD.**
Address : Plot No. 165 to 182, APILC, Industrial Estate,
Thumakunta, Hindupur, Ananthapur Dist. - 515 211.

Date of Monitoring : 27-06-2023

| Location | Noise Levels in dB (A) | |
|--------------------------------------|------------------------|-------------------|
| | Day Time (1) | Night Time (2) |
| 1. Near Main Gate | 65 | 58 |
| 2. Near Utility Block | 63 | 55 |
| 3. Near Boiler | 70 | 67 |
| 4. Near Production Block | 68 | 64 |
| 5. Near D.G. Set (at 5m Distance) | 73 | 69 |

Method Used : IS : 9989 - 1981 (RA-2014)

Note: 1. Daytime is reckoned in between 6 a.m and 10 p.m

2. Nighttime is reckoned in between 10 p.m and 6 a.m

3. APPCB Limits for Noise Level at Daytime is 75 dB (A) and Night time is 70 dB (A)

Noise Level Meter Model SL-4010 (Sl. No. Q632540), Next Calibration on: 21-09-2023

for GLOBAL ENVIRO LABS

AUTHORISED SIGNATORY

ANNEXURE – 15

(Chemical Handling Training Record)

24 Fine Chem Pvt. Ltd.
Plot No. 165 to 162,
P.I.C. Industrial Estate,
Mumukunta, Hindupur - 515 211
Andhra Pradesh

RLTC

TRAINING ATTENDANCE RECORD

Type of Training: OSHADate: 30/08/2023Trainer: NAVEEN KUMAR LTime: From 10:00 to 11:00

Brief Description of the Training:

- SOP'S Revision
- * Handling of chemicals (EHS/IR.001)
 - * Procedure for handling of acid (EHS/IR.002)
 - * Spill control (EHS/IR.003)
 - * Energy Control & monitoring (EHS/IR.004)
 - * Air Emission (EHS/IR.005)
 - * Hazardous waste management (EHS/IR.006)
 - * Work Place monitoring EHS/020

| S. No. | Name of the Trainee | Employee ID | Department & Designation | Sign & Date | Feedback given by trainee |
|--------|---------------------|-------------|---------------------------------------|--------------------|---------------------------|
| 01. | Ranga Saim | 5269 | Engineering and Project & Jr. officer | Ranga S M | Good |
| 02. | Dharmatija | 100034 | PD LAB | <i>[Signature]</i> | Good |
| 03. | T. Thangif | 100026 | QC Dept | <i>[Signature]</i> | Good |
| 04. | Chandrasekhara G | 5181 | eng & project | <i>[Signature]</i> | Good |
| 05. | A. Rajendran | 5307 | Production & maintenance | A. P. J | good |
| 06. | R. Suresh Kumar | 5052 | Production & maintenance | <i>[Signature]</i> | Good |
| 07. | P. Adinayana | HH58 | Production (SR) | <i>[Signature]</i> | Good |
| 08. | Gangadharadatta R | 5100 | warehouse | <i>[Signature]</i> | Good |
| 09. | H. Asthak | 5264 | warehouse | <i>[Signature]</i> | Good |
| 10. | | | | | |
| 11. | | | | | |
| 12. | | | | | |
| 13. | | | | | |
| 14. | | | | | |
| 15. | | | | | |
| 16. | | | | | |
| 17. | | | | | |
| 18. | | | | | |
| 19. | | | | | |
| 20. | | | | | |

 Trainer: *[Signature]*
 (Sign & date) 30/08/2023

QAD 032/F02-1.0



ANNEXURE – 16

(PPE'S Training Record)

A. L. Fine Chem Pvt. Ltd.
Plot No. 165 to 182,
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 211
Andhra Pradesh

RLC

TRAINING ATTENDANCE RECORD

Type of Training: Oral

Date: 06/09/2023

Trainer: Naveenkumar.L

Time: From 10:00 to 10:30

Brief Description of the Training:

* PPE's Importance & Usage.

* cut Injuries, Bleeding Wound.

| S. No. | Name of the Trainee | Employee ID | Department & Designation | Sign & Date | Feedback given by trainee |
|--------|---------------------|-------------|--------------------------|---------------|---------------------------|
| 1 | Shivaiah | 100007 | PRD.CL | Shivaiah | Good |
| 2 | H. Thimma Reddy | 100006 | PRD.CL | R | Good |
| 3 | U. Reddy | - | Fabrication | G. S. Reddy | Good |
| 4 | Karishuk. | - | Fabrication | Karishuk | Good |
| 5 | Shivakumar | - | Fabrication | K. Shivakumar | Good |
| 6 | Harish | - | Fabrication | K. Harish | Good |
| 7 | Koushik | - | Fabrication | Koushik | Good |
| 8 | ABBU | - | Fabrication | ABBU | Good |
| 9 | Kumar | - | Fabrication | Kumar | Good |
| 10 | Mithun | - | Fabrication | Mithun | Good |
| 11 | Manoj | - | Fabrication | Manoj | Good |
| 12 | Ajay Kumar | - | Fabrication | Ajay Kumar | Good |
| 13 | Chandrabhanu | 100055 | MNT | Chandrabhanu | Good |
| 14 | Basheer | - | MNT | R. Basheer | Good |

Trainer:

(Sign & date)

06/09/2023

QAD-032/F02-1.0



ANNEXURE – 17

(CSR Activity)

S. K. Chakraborty Pvt. Ltd.
Plot No. 165 to 182,
A.P.I.C. Industrial Estate,
Thumakunta, Hindupur - 515 211
Andhra Pradesh

**Medicine Providing for Primary Health Center -
BASAVANAHALLI
Andhra Pradesh**



ANNEXURE – 18

(ECO Development Measuring)

R L Fine Chem Pvt. Ltd.

Plot No. 165 to 182,
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 211
Andhra Pradesh

ECO Development



ANNEXURE – 19

(Last Submit EC Copy)

R L Fine Chem Pvt. Ltd.
Plot No. 185 to 182,
A.P.I.C. Industrial Estate,
Thumukunta, Ranga Reddy - 502 211
Andhra Pradesh



o/c

Date: 08.01.2022

RLFC/HP/APPCR/2021-22/004

To,
The Secretary of Gram Panchayat,
Thumukunta, Hindupur.

From,
M/S. R L Fine Chem Pvt. Ltd.
Plot No: 165 to 182, APHC, IDA,
Thumukunta (V), Hindupuram (M),
Anantapur District, Andhra Pradesh.
Pin. 515211

Sub: Intimation of Environment Clearance for Modification and Expansion of Active Pharmaceutical Ingredients (API's) received from MoEF.

Ref: EC No. IA/AP/IND2/88190/2017 dated on 2nd march 2019

Dear Sir / Madam,

This is inform you that we have obtained Environment Clearance from State Level Ministry of Environment & Forests and Climate Change IA Division as on 02.03.2019 for Modification and Expansion of Active Pharmaceutical Ingredients (API's) to our plant R L Fine Chem Pvt. Ltd. Plot No. 165-182, APHC, IDA, Village: Thumukunta, Mandal: Hindupur, District: Anantapur(A.P).

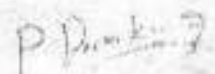
This letter is submitted to you as per EC Conditions. Copy of the EC is enclosed herewith for your kind information and records.

We kindly request you to find the same as mention above and acknowledge the receipt of the same.

Thanking you

For RL Fine Chem Pvt Ltd (HP)


Mr. K. M. Fine Chem Pvt. Ltd.
Plot No. 165 to 182,
A.P.H.C. Industrial Estate,
GM-Topurukunta Hindupur - 515211
Andhra Pradesh



ANNEXURE – 20

(Last Submission EC Copy)

R L Fine Chem Pvt. Ltd.

Plot No. 165 to 182,
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 211
Andhra Pradesh

ANNEXURE – 21

(Paper Advertisement About EC)

R L Fine Chem Pvt. Ltd.
Plot No. 165 to 182,
A.P.I.C. Industrial Estate,
Thumukunta, Hindupur - 515 211
Andhra Pradesh

Public Hearing

పర్యావరణ అనుమతి లభించిన ప్రకటన

ఆర్.ఎల్.ఫైన్ కెమ్ ప్రైవేట్ లిమిటెడ్

ఈ ప్రకటన మూలముగా ప్లాటు నెం.

165-182 APHC IDA తూముకుంట

గ్రామం హిందూపురం మండలం నందు

ఎర్పాటు చేయు పరిశ్రమకు పర్యావరణ

అడవులు మరియు వాతావరణ మార్పుల

మంత్రిత్వశాఖ వారు ఆర్డర్ నెం.

J11011/180/2016-IA-II (I) తేదీ

21 ఆగస్టు నెల 2019 ద్వారా పర్యావరణ

అనుమతిని మంజూరు చేసినారు.

వివరముల కొరకు: www.env.for.nic.in

ఇట్లు - మేనేజింగ్ డైరెక్టర్

ఆర్.ఎల్.ఫైన్ కెమ్ ప్రైవేట్ లిమిటెడ్

NOTICE

The Ministry of Environment & Forests, Government of India has accorded Environmental Clearance for the proposed establishment of Active Pharmaceutical Ingredients (APIs) & Intermediates manufacturing Industry of R L Fine Chem Pvt. Ltd. at Plot No. 165-182, APHC IDA, Thumukunta Village, Hindupur Mandal, Anantapur District, Andhra Pradesh vide letter No. 11011/180/2016-IA-II(I) Dated: 21st August 2019.

The said copy of Environmental clearance is available with the APPCB and in the website of the Environment and Ecology Department at www.moef.gov.in