### RATIFICATION:

<table>
<thead>
<tr>
<th>i.</th>
<th>M/s Ever Health Life Sciences Private Ltd, Plot No. 408 &amp; 419, Industrial Growth Centre, Gundlapalli (V), Maddipadu (M), Prakasam District.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The Board issued revocation of stop production order on 04.05.2018 to the industry duly stipulating conditions to comply therein. The committee noted and ratified the orders issued by the Board.</td>
</tr>
<tr>
<td></td>
<td>The Board vide order dated. 21.03.2018 issued temporary revocation of Stop Production Order to the industry for a period of one year, duly stipulating conditions to comply therein. The committee noted and ratified the order issued by the Board.</td>
</tr>
<tr>
<td>iii.</td>
<td>M/s. Sarada Metals &amp; Alloys Limited, APIIC, Industrial Area, Kantakapalli (V), Kothavalasa (M), Vizianagaram District.</td>
</tr>
<tr>
<td></td>
<td>The Board vide order dated. 01.05.2018 issued directions to the industry for non-compliance of Consent conditions. The committee noted and ratified the order issued by the Board.</td>
</tr>
<tr>
<td></td>
<td>The Board vide order dated. 21.03.2018, issued closure order to the industry for fire accident occurred and thereby causing air pollution in the surrounding area and for not following SOPs &amp; Guidelines issued by MoEF&amp;CC under Sec.33 (A) of Water (Prevention and Control of Pollution) Act, 1974 and under Sec.31 (A) of Air (Prevention &amp; Control of Pollution) Amendment Act, 1981 amendments thereof. The committee noted and ratified the orders issued by the Board.</td>
</tr>
<tr>
<td></td>
<td>The Board vide order dated. 22.03.2018, issued revocation of stop production order for a period of six months to the industry duly stipulating conditions to comply therein. The committee noted and ratified the orders issued by the Board.</td>
</tr>
<tr>
<td>vi.</td>
<td>M/s. Vishnu Minerals at Sy.No.109/2, Patapadu (V), Banaganapalli (M), Kurnool District</td>
</tr>
<tr>
<td></td>
<td>The Board vide order dated. 21.03.2018, issued revocation of closure order to the industry for period of one year, duly stipulating conditions to comply therein. The committee noted and ratified the order issued by the Board.</td>
</tr>
<tr>
<td></td>
<td>The Board vide order dated. 09.03.2018, issued revocation of closure order to the industry for period of 6 months, duly stipulating conditions to comply therein. The committee noted and ratified the orders issued by the Board.</td>
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<tr>
<td></td>
<td>The Zonal Office, Visakhapatnam vide order dated 30.04.2018, issued temporary revocation of closure order to the industry for a period of 20 days i.eupto 18.05.2018, duly stipulating conditions to comply therein. The committee noted and ratified the orders issued.</td>
</tr>
</tbody>
</table>

**MEMBER SECRETARY**

1
MINUTES OF THE TASK FORCE COMMITTEE MEETING HELD ON 16.05.2018

1. M/s. Vamsadhara Paper Mills Limited, Madapam (V), Narasannapeta (M), Srikakulam District.

The representatives of the industry attended the legal hearing and complaints did not attend the meeting. The committee noted that the Board received a Complaint filed by Sri Reddy Tatababu, Ex-Sarepanch, Madapam (V), Narasannapeta (M), Srikakulam District vide letter dated 06/12/2017 against the industry for causing pollution problems in surrounding area and also received through APPCB portal vide ID No. 1517157795, dt.28.01.2018 filed by Villagers of Madapam regarding pollution problems causing by the industry. The Committee also noted the non-compliance of Board directions and Consent order conditions.

The EE, RO, Vizianagaram has informed that ETP sludge was stored openly besides dewatering machine and also large quantity was stored besides ETP. It was informed that lot of plastic waste and other rejected paper waste was dumped at the back of the process area in the industry’s own land thereby causing nuisance to the surrounding environment. It was also informed that the industry has not upgraded the air pollution control equipment; not provided ESP; Not connected the online stack monitoring system to Board website. During the inspection it was observed that the effluent overflowing from the ETP and Cess pools were formed besides ETP and the ETP outlet is also in slurry form which is being disposed as it is for greenbelt in their own premises. Stack Monitoring was conducted at the time of inspection on 27.12.2017 to the stack attached to the 14.5 TPH Husk fired boiler and the SPM values were recorded as 198.2 mg/Nm³ against the standard of 115 mg/Nm³ which shows that the values are exceeding the standards.

The representative of the industry informed that the mill was started the commercial production during 1983 and during that time they are using straw and generated lot of sludge and was stored adjacent to the ETP. Presently the entire sludge generated by them is treated with conventional sludge press and disposed off to brick manufacturing units and card board manufacturing units regularly. They have already started plantation of eucalyptus on the sludge lagoons. They informed that they are installing twin wire sludge press with capital cost of 30 Lakh which will be completed by 31st July, 2018, thereby the volume of sludge generation will be drastically come down and the storage will be totally eliminated. It was informed that they are generating plastics in the process and the material is sent to M/s. Shri V Green Energy, Kurnool for converting into oil, but they are able to lift very limited quantity and the balance quantity is baled with hydraulic press and stored within the premises. They are also trying to dispose of plastic to the cement factories for co-processing.

Recommendations:

After detailed review the Committee recommended to issue the following directions:

1. The industry shall immediately contact the cement industries and shall explore the possibility of using plastic waste in the cement industries for co-incineration / co-processing or send to authorized recycling units within one month. The industry shall store plastic waste in a safe manner within the premises and avoid being carried away to the surrounding environment.
2. The industry shall take necessary action for capping of existing unlined lagoons within 2 months.
3. The industry shall regularly operate Effluent Treatment Plant to meet Board’s discharge standards and maintain log registers.
4. The industry shall stop the usage of existing sludge lagoons; caps the lagoons with soil and develop green carpet within 3 months. Further the industry shall store the sludge being generated on the raised concrete platform and explore the possibility of using the dried sludge as fuel industries for co-incineration within three months time.
5. The industry shall monitor piezo wells every month through a recognized laboratory to monitor the ground water pollution.
6. The industry shall upgrade the air pollution control equipment within 2 months and ensure the continuous compliance of Emission standards prescribed by the Board.
7. The industry shall provide dust suppression system near the coal/husk/ash handing area within one month.
8. The industry shall store the husk / ash in closed rooms only, so as to avoid the dust nuisance to the surrounding area.
9. The industry shall provide online stack monitoring system to the boiler and the same shall be
MINUTES OF THE TASK FORCE COMMITTEE MEETING HELD ON 16.05.2018

connected to the APPCB web site within a month time.

10. The industry shall maintain log books to record the energy meter readings pertaining to the operation of the ETP, APCE and water meter & waste water readings at various sections to quantify the same. The consolidate records shall be submitted to ZO, Visakhapatnam and RO, Vizianagaram every month.

11. The industry shall not discharge any type of effluents outside the premises under any circumstances.

12. The industry shall not cause any air pollution/odour nuisance to the surrounding environment.

13. The industry shall maintain good housekeeping within the industry premises.

14. The Industry shall develop and maintain thick green belt all along the boundary of the industry premises to achieve minimum 35% area of the total project site.

15. The industry shall submit the Bank Guarantee of Rs.5 Lakh in favour of Environmental Engineer, Vizianagaram in prescribed format within 15 days for period of one year towards compliance of Board directions.

16. The industry shall ensure continuous compliance of the conditions stipulated in CFO order issued by the Board.

The Committee after detailed discussion, recommended to direct EE, RO, Vizianagaram to inspect the industry to verify the compliance of above directions and conduct stack monitoring & AAQM and furnish the detailed report along with analysis reports to Board Office within 2 months.

2. M/s. Sri Balaji Industries, Plot No.156/E, APIIC, Growth Center, Bobbili (V) & (M), Vizianagaram District.

The representatives of the industry attended the legal hearing and complaints did not attend the meeting. The Committee noted that the Board received Complaint filed by the villagers of Bobbili, Vizianagaram District in Janma Bhoomi programme on 04.01.2018 against the industries operating in Bobbili Growth Center alleging that they are facing lot of pollution problems in the villages particularly in the evening and night times. An Adverse news item was appeared in the Local News paper that the industries operating in Bobbili Growth center are causing lot of pollution problems to the surrounding environment. The Committee also noted that non-operation of Forced Evaporation system and the non-compliance of Consent order conditions.

The EE, RO, Vizianagaram has informed that it was observed that around 10-15 tons of waste is being disposed every month against the consented quantity of 6 tons/Month, which clearly indicates that the industry is generating higher quantities than the consented quantities. The industry has completed the installation of machinery as per expansion project and operating without obtaining CFO order of the Board. It was informed that the industry has not constructed the elevated Platform with dyke wall along with leachate collection system for storage of solvent drums, raw material drums & waste drums. It was reported that the industry has not provided solvent storage tanks with vent condensers to prevent solvent vapor emissions.

The representative of the industry has informed that the FE system is not in operation due to maintenance, now it is in working condition. They will apply for CFO order of the Board for expansion project within 15 days. It was informed that they will construct the elevated Platform with dyke wall along with leachate collection sump for storage of solvent drums, raw material drums and waste drums within 3 months.

Recommendations:
The Committee after detailed discussions, recommended to issue the following directions:

1. The industry shall immediately obtain CFO order of the Board for Expansion project.

2. The industry shall not manufacture more than the consented capacity.

3. The industry shall regularly operate Forced Evaporator system and maintain records.

4. The industry shall construct elevated Platform with dyke wall along with leachate collection system for storage of solvent drums, raw material drums and waste drums within 3 months.

5. The industry shall provide vent condensers to solvent storage tanks to prevent solvent vapour emissions within 3 months.

6. The industry shall maintain log records pertaining to distilled solvents, usage of raw materials, Characteristics of crude ML’s & quantity of recovered solvents. The consolidated report shall be
7. The industry shall provide proper lining to the effluent collection tanks to prevent seepage of effluents.
8. The industry shall carryout monitoring of vents of the storage tanks and work room concentration using sensors.
9. The industry shall not cause any air pollution/odour nuisance to the surrounding environment.
10. The industry shall maintain good housekeeping within the industry premises.
11. The industry shall develop and maintain 33% green belt of the total area in the premises.
12. The industry shall ensure continuous compliance of the conditions stipulated in CFO order issued by the Board.

3. Ms. Visakhapatnam Port Trust, Port Area, Visakhapatnam.

The representatives of the industry attended the legal hearing. The committee noted the Compliance of Hon'ble NGT orders in the application No.68/2015 filed by Chaitanya S.ravanthi Organization and non-compliance of Board directions. The committee discussed issues relating to covering of all stock yards of dusty cargos with tarpaullin, action plan for re-furbishing of all the existing mechanical dust suppression systems. The Committee observed that the Port is storing dusty cargo at L-17, S4 (IMC North Side), L-17, R-4, A, B at TMO, L-9, L-10 and L-11 area which are uncovered and no MDSS and water spraying and stacked more than 6 meter height, which is near to the human habitations.

The EE, RO, Visakhapatnam has informed that Port is storing the dusty cargo at West of Essar without tarpaulins covering, MDSS and stacking more than 6 meter height, which is near to the habitation area. It was also informed that RSPM (PM10) values monitored in and around Port area were increased and exceed the NAAQM standards for recent quarter reflecting improper handling of cargoes without continuous dust containment measures. The Port authorities are not taking stringent action against the stevedores and operators, who are violating the stacking heights, covering the tarpaulins and wetting of roads requirements.

The representative of the industry informed that they have partially cleared the cargo at L-17, S4 (IMC North Side), L-17, R-4, A, B at TMO, L-9, L-10 and L-11 areas. All the coal stacks are covered with tarpaulins (About 80% at any point of time) except while handling coal. The tarpaulins blown off with high winds are attended as and when required. They informed that stack heights are restricted to 6 mtrs and covered with tarpaulins. It was also informed that notices were issued to M/s. Green Energy for stopping the screening operation of Met Coke until permission is obtained from APPCB. VPT is issuing circular and notices to trade/stevedores/PPP/BOT operators time to time for strict adherence to the directions issued by the APPCB.

Recommendations:
The after detailed review the committee recommended to issue the following directions:

1. M/s. VPT shall not store any dusty cargo, where there is no MDSS system.
2. M/s. VPT shall not store any dusty cargo at West of Essar and L-17, S4 (IMC North Side), L-17, R-4, A, B at TMO, L-9, L-10 and L-11, L-17A of R&D.
3. M/s. VPT shall remove all the dusty cargo stored at West of Essar and L-17, S4 (IMC North Side), L-17, R-4, A, B at TMO, L-9, L-10 and L-11, L-17A of R&D within 30 days.
4. M/s. VPT shall stop the crushing and screening operations at R & D area immediately.
5. M/s. VPT shall submit that status of fines imposed on the concessioners/stevedores those who are not covered the tarpaulins on the dusty cargo to APPCB every fortnight.
6. M/s. VPT shall submit status of action taken on the vehicles those who are not covered with tarpaulins while transportation of cargo and leaking of the cargo from the back door area.
7. M/s. VPT shall submit layout plan clearly showing the details of coal stocking and other dusty cargo stocking yards within one month.
8. M/s. VPT shall restrict the maximum stack height of coal piles to 6m and the excess stacking shall be removed immediately and report compliance to the Board.
9. M/s. VPT shall install PLC operated MDSS at all stacking areas and shall report implementation progress every month to ZO, Visakhapatnam and RO, Visakhapatnm.
10. M/s. VPT shall provide water spraying system/ wet the open yard, continuously.
11. M/s. VPT shall complete the plantation of 2,00,000 plants at all the vacant spaces available in port area and at shelter belt plantation area before the financial year 2018-2019.

MEMBER SECRETARY 4
The representative of the industry attended the legal hearing. The Committee noted that the Board letter received from the Member Secretary, Telangana State Pollution Control Board, Hyderabad requesting to investigate the involvement of M/s. Hetero Drugs Limited, Unit-IX, Nakkapalli (M), Visakhapatnam District in illegal dumping of hazardous waste in the outskirts of Ramalingampalli village nearby Tumukunta- Ankireddy pally road, Bommalaramaram (M), Yadadri Bhuvanagiri District, Telangana State. The Committee observed that the industry is having common scrap yard shed (124×20 mtrs) wherein the washing of detoxified drums collected from all the units functioning in the premises i.e., both SEZ & non-SEZ is taken up. The detoxified drums are washed and stacked in the shed before disposal to authorized agencies. The industry is maintaining log registers to record no. of drums received from various units and disposed to authorized agencies. It is observed from the records that around 820 No. of drums of different varieties and sizes viz., HDPE-200 ltrs, HDPE-100 ltrs, MS drums-200 ltrs, MS drums-50 ltrs, MS drums with PVC liner-200 ltrs and etc., are stacked at different places as per the sizes and varieties in the shed. It is observed that few of the drums existing in the shed are labeled with stickers indicating the detoxification done in respective units. These stickers are similar to those observed to be present in the illegal dump site. The industry stopped labeling after this incident of illegal dump at Ramalingampalli village, Bommalaramaram (M), Yadadri Bhuvanagiri District, Telangana State. The committee also noted that the hazardous waste is stored in a shed of 1050 sq.mtrs area existing towards eastern boundary of the premises.

The EE, RO, Visakhapatnam has informed that the quantity of hazardous waste generated as per records from January 2017 to September 2017 in the unit is 156.94 tons and transported to cement plants during the same period is 159.5 tons. On verification of records it is observed that 49.49 tons of organic residue sent to M/s.Anjani Cements was rejected and sent back to the premises in the months of April 2016. Also another load i.e., 21.03 tons of organic residue is rejected and sent back to the premises from M/s.Zuari Cements Ltd., on 27.07.2017. However as per the information obtained from M/s.Zuari Cements Ltd., it is learnt that no waste is rejected or returned to M/s.Hetero in July 2017. The industry records indicate that the waste manifest No.604 quantity 21.03 tons of hazardous waste is returned by M/s. Zuari Cement Ltd.. The details from M/s.Anjani Cements Ltd., could not be verified as the industry is located in Telangana State. The industry has also transported 15.2 tons, 21.57 tons, 41.21 tons, 17.8 tons of organic residue to M/s.Ultratech Cements Ltd., Hirni (V), Chhattisgarh state in the months of February, October, November, December 2017 respectively and 21.13 tons to M/s.Chettinad Cements Ltd., Karnataka state in the month of May 2017. The trans boundary transport of hazardous waste to other states shall be verified. The industry is disposing used, detoxified and washed drums both HDPE and MS drums to scrap dealers.

The representative of the industry informed that the Hazardous Waste from all the units of Hetero located at Nakkapalli is being collected in a common Hazardous waste storage area of M/s.Hetero Infrastructure SEZ Ltd and it is disposed to Cement Industries or TSDF, Ramky for further disposal. They have disposed 159.5 Tons of Organic Waste to Cement Industries from January 2017 to September 2017 against Generation quantity of 156.94 Tons. But as per Material Balance the generation should have been 107.906 MT + 10% waste generation from Solvent Recovery Plant + Scum of HTDS effluent. They have made agreements directly with cement industries for disposal of Organic Residue and Spent Carbon for Co-incineration purpose. They are disposing the waste to all cement industries and Chhattisgarh. It was also informed that all the used containers and Carboys are being detoxified at the centralized Detoxification yard and being reused or sold to authorized recyclers.
Recommendations:

After detailed review, the Committee recommended to direct the ZO & RO, Visakhapatnam to inspect the industry once again to verify the issue of illegal handling & disposal of Hazardous Waste and furnish a detailed inspection report within one month.

5. Complaint regarding heavy pollution on the Bank of Visakhapatnam Sea Shore.

The representative of the industries and complainant did not attend the legal hearing. The committee recommended to defer the case for review the status in the next legal hearing.


The representatives of the industry attended the legal hearing. The committee noted that the Zonal Office, Visakhapatnam has issued stop production order to industry on 07.07.2017 for operating the industry without obtaining CFO order of Board and for not providing Effluent Treatment Plant. The AEE, RO, Kakinada has informed that The industry constructed ETP consisting of Bar Screen chamber, Collection tank, primary clarifier, Aeration tank, secondary clarifier and Treated waste storage tank & Sludge drying beds. After treatment, the treated waste water is proposed to utilize for onland irrigation/green belt development in an area of 8.31 Acres. The industry provided closed room for storage of ash and husk within industry premises on daily inventory. The Rice Mill has provided Multi cyclone dust collector as APC system to 10TPH boiler. The Representative of the industry informed that they will apply for CFO order of the Board within one week and requested for revocation of stop production order as they have provided Effluent Treatment Plant.

Recommendations:

After detailed review, the Committee recommended to issue revocation of stop production with the following directions:

1. The Para Boiled Rice Mill shall obtain CFO of the Board immediately.
2. The industry shall install water meters to record the fresh water consumption and waste water generation and shall maintain log books.
3. The industry shall operate the ETP continuously to meet the Board's discharge standards and shall not discharge any treated/untreated effluent outside the premises under any circumstances and the industry shall utilize the treated effluent in their own land for onland irrigation/green belt development.
4. The industry shall upgrade the Air Pollution Control Equipment attached to 10 TPH boiler continuously so as to meet the board's emission standards.
5. The Industry shall store the Boiler ash in closed facility and shall dispose off to brick manufacture units and maintain log records.
6. The industry shall develop thick green belt all along the periphery of the unit and in vacant places of the premises.

7. M/s. Municipal Slaughter House (Municipality), Eluru Municipal Corporation, 10th division, Madepalli Road, Eluru (V & M), West Godavari District.

The representatives of the Slaughter House and complainant attended the legal hearing. The Committee noted that the Board received complaint filed by Sri Bachu Naga Venkateswararao, S/o Bachu Thirupathi Rao, Resident of Eluru Municipal Corporation, 10th division, Madepalli road, Eluru (V & M), West Godavari District. The committee also noted that the Zonal Office, Visakhapatnam issued Consent for Operation (CFO) with a condition that the Slaughter House shall not operate the slaughter house in the existing premises after 11.01.2018. The committee also noted that the Board directed the Slaughter House not to operate the facility at the existing premises after 11.01.2018 without prior consent of the Board. But, the Municipal Slaughter House is operating without valid consent order of Board, without valid revocation of closure order thereby violating the Board directions.

The complainant alleged that they are facing lot of health problems and inconvenience due to discharging of process & wash effluents into municipal drain which is passing through residential area. They also requested the Board not to give any permission but to issue closure order for non-compliance. The complainant has requested the Board to ensure that Eluru Municipal shall
comply with all the conditions stipulated in the CFO order dt.03.07.2017 including shifting of slaughter House.

The Municipal Health Officer, Eluru attended the meeting. He informed that the Slaughter House is operating at 10th division, Madepalli road, Eluru (V & M), West Godavari. They initiate action for installation of 5 KLD capacity of ETP to treat the effluents generated from the slaughter operations. The Municipal Health Officer requested the Board to issue revocation order for operation of the slaughter House in existing premises.

**Recommendations:**

After detailed discussions, the Committee recommended **not to consider the issue of Extension of Temporary Revocation of Closure Order** as they have not provided any treatment facility for process & wash effluents and discharging the untreated effluent into municipal drain which ultimately leads to Kolleru Lake; Solid waste generated from the slaughter house are disposing into the dump yard on the municipal solid waste at Ponangal without any further treatment; non-compliance of the Board directions.

**8&9.**

**M/s. Susaah Laboratories (P) Ltd., Plot No. 78, Phase-II, Industrial park, Nadikudi (V), Dachepalli (M), Guntur District.**

**M/s. Kevy’s Labs, Plot No.31 to 34, APIIC Industries Park, Nadikudi, Dachepalli (M), Guntur District.**

The representatives of the two industries and Sri Vijay Kumar, Sarpanch, Nadikudi Panchayat, Dachepalli Mandal, Guntur District attend the legal hearing. The committee has observed that M/s. Susaah Laboratories (P) Ltd., Guntur District has not rectified the lapses i.e. a) The industry is not operating the ZLD system and indulging in illegal discharge of waste water generated at the industry; b) The industry has not operating treatment system is existing for disposal of waste water generated at the industry and the waste water generated from the process washings & utilities are being discharged elsewhere; c) The details of the products produced, generation of waste water & solid waste and disposal mode of these streams are not able to produce at the time of inspection; d) The bore well samples collected adjacent to the industry compound wall at S-E direction are emanating characteristic odour of chemicals and also indicated high values of COD (as per the samples collected on 22.12.2016 & 16.02.2017); e) The industry has not installed online pH meter to the scrubber, the scrubber was delinked with the inlet, and outlet feed lines, thereby operating the industry without odor containment measures; f) Some part of the age old wastewater was stored in a cintex storage tank and reportedly feeding into the storage tank manually; g) The boiler ash was dumped openly outside the compound wall and open to air borne fugitive dust emissions; h) The solvent drums are stored under roof with coding, but no side walls and no odor extraction system was provided; i) The industry has not maintained record on generation and disposal of MEE salts since inception of the industry during the year 2014.

The committee has observed that M/s. Kevy’s Labs, Guntur District has not rectified the lapses i.e. a) The industry is manufacturing Phthalimide intermediate (API) without obtaining CFE & CFO from the Board. The industry has been continuously producing Phthalimide Intermediate and the cumulative production is 22,700 Kg during the period from October, 2017 to March, 2018, which is un-Consented product; b) The industry has not provided permanent pipeline network for feeding of wastewater and steam supply to operate the FE reactor. The above clearly indicated that the industry is not operating the FE reactor and indulging in illegal discharge of wastewater generated at the industry; c) The industry has not operating treatment system is existing for disposal of waste water generated at the industry and the waste water generated from the process washings & utilities are being discharged elsewhere without treatment; d) Chemical spillages are observed at process area and around the chemicals drums stacking area, which are potential to cause contamination of run-off. The industry has not implemented any measures to contain chemicals spillages and no provision is existing for collection & treatment of contaminated run-off; e) The organic solid waste said to be collected from tanker washing was dumped at back yard without covered roof and leachate collection facility; f) The industry has not installed online pH meter to the scrubber, the scrubber was delinked with the inlet, and outlet feed lines, thereby operating the industry without odor containment measures; g) Some part of the old wastewater was stored in the FE reactor column and reportedly feeding into the reactor manually; h) The boiler ash was dumped...
openly near compound wall and open to air borne fugitive dust emissions; i) Chemical drums and solvents residues are stacked on open ground without platform and without dyke provisions for spillage containment; j) The industry has not reported any details on FE salts generation and disposal made since inception of the unit; k) The industry has not reported the details of actual generation of hazardous waste at your industry since inception and quantity disposed so far.

The Sarpanch, Nadikudi Panchayat has informed that the bore wells around the industrial estate observed contaminated ever since chemical industries commenced their operations at Nadikudi Industrial estate. Further informed that they are waiting for corrective action from the above two industries to remediate contamination of bore wells since one & half year, however, no measures taken by the above industries. The residents of Durgabhanvi colony and other colonies around the industrial estate are severely suffering and health hazards due to contamination of bore wells with chemical waste from the industries operating at Nadikudi Industrial estate. He further stated that the bore wells in the catchment of vaagu (irrigation canal) are not contaminated at upstream and down stream, other than at Industrial estate. He requested the Board to take adequate action against the chemical industries operating at Nadikudi village for indulging in illegal discharge of waste water and solid waste, to prevent further contamination of bore wells with industrial waste and requested for remediation measures to protect the public health and environment.

The representative of M/s. Susaash Laboratories has stated they have commissioned the unit during the year 2014, however, they are undertaking only validation batches at their unit. They have installed MEE & Nutch filter; they will operate the ZLD system as & when the effluent load is sufficient to feed to the MEE. They sent solid waste of about 4.65 Tons to cement plants and the only bore well existing at their premises is observed to be not contaminated.

The representative of the M/s. Kevy’s Labs informed that they will re-commission the FE reactor for treatment of waste water generated and they will stop producing un-consented products. But, the above 2 industries are not able to furnish the details of actual disposal mode of waste water generated at their premises.

The EE, RO, Guntur reported that the above 2 Industries are not operating the waste water treatment plants since inception of the commencement of production activities and they are indulging in illegal discharge of waste water elsewhere as against the consented disposal mode to operate the ZLD system at the own premises, inspite of ample opportunity and repeated reminders by the Board to operate the ZLD system and to dispose the solid waste through authorized disposal mode.

Recommendations:

After detailed review, the Committee has recommended to issue stop production orders to the following industries for non-compliance of Board directions for not operating the ZLD system at their units and indulging in illegal discharge of waste water generated from process/ validation batches, for producing un-consented products and for not rectifying the lapses inspite of ample opportunity to rectify the lapses.

Further, the committee has recommended to constitute a committee with 2 Senior officials from Head office; SES, Zonal Lab, Vijayawada; Ground water department; and one professor from Andhra university/ Nagarjuna University dealing with ground water studies to inspect the Nadikudi industrial estate to inspect the above two chemical industries at Nadikudi to identify the reasons for contamination of bore wells of residential colonies/B.Ed college, Nadikudi at close proximity to the industrial estate.

10. M/s. Parasakti Cement Industries Ltd., (Cement Division), Jettipalem village, Rentachintala Mandal, Guntur District.

The representatives of the industry and complainant attended the legal hearing. The Committee noted that the Board received a complain filed by Sri B. Srinivasa Reddy., that his agriculture fields located at Sy. No.509/1 & 509/2 of Jettipalem village, Rentachintala Mandal, Guntur District was severely damaged due to dust cover formed over the red chilies crop from dust emissions emanated from industry and also stated he has incurred huge financial loss due to recurrence of crop damage since several years. The committee also noted the non-compliance of Board directions.
MINUTES OF THE TASK FORCE COMMITTEE MEETING HELD ON 16.05.2018

The EE, RO, Guntur has informed that the industry has provided air pollution control equipment at all the point emission sources such as ESP, RABH (Bag house), bag filters etc. with regard to fugitive dust suppression, the industry has adopted water sprinkling system along haul roads and other stacking areas. They conducted monitoring of stacks and ambient air quality at the industry premises on 20.12.2017. The recorded values for PM₁₀ is 134.6 µg/m³ & 75.6 µg/m³, when monitored near main gate within the premises & near mines view point respectively. It was observed that the recorded values of ambient air quality monitoring conducted for PM₁₀ at the industry premises are exceeding the prescribed standard of 100µg/m³. It was informed during the inspection fugitive dust emissions are emitting from bag filter at top of the Clinker Silo-2 and also from the leakages in the roof cover, which became air borne and non-suppressed. Large scale fugitive emissions observed from feeding & suction lines of clinker silo-2 and from stacking of clinker openly. It was further informed that Coal is stored partially under closed sheds and partially stored openly. The loading and unloading activities are generating furtive dust emissions and air borne non-suppressed coal dust is causing air pollution problems.

The representative of the industry informed that Line-1 of the cement production temporarily stopped and Line-2 of the cement production is in operation. They informed that during inspection fugitive dust emissions are leaking from bag filter at top of the clinker silo-2 due to clinker Silo-2 shed covering work is in progress and will be completed by end of this month. It was also informed that Leakage from storage bins of raw materials viz. laterite, alumina and coal are arrested. Auxiliary bag filters are provided for all the raw material storage bins and also at each transfer point. Additional water sprinklers are provided and functioning at feeding belt conveyors. It was further informed that construction of another coal shed is under progress, coal heaps in open area is covered with Tarpaulins.

Recommendations:

After detailed review, the Committee recommended to issue the following directions:

1. The industry shall always maintain the air pollution control equipment intact in good condition and continuously operate the same to control the emissions, so as to meet Board’s standards.
2. The industry shall provide the required pollution control systems and maintain the same intact to control the fugitive dust emissions from feeding & suction lines of clinker silo and from material transfer points.
3. The industry shall expedite plan of action for continuous compliance with revised emission standards prescribed by the MoEF & CC, Gol through notification dt. 10.05.2016 for cement plants.
4. The industry shall closely monitor the stack emission and CAAQM data and shall take immediate corrective action to ensure compliance of the prescribed standards.
5. The industry shall expedite construction of closed sheds of adequate capacity to store coal & other dusty raw materials under roof and shall provide MDSS to contain fugitive dust emissions from transit storage of these raw materials within 2 months.
6. The industry shall increase the water sprinklers and shall operate them continuously for effective dust suppression.
7. The industry shall not store clinker, coal & other dusty raw materials openly, under any circumstances.
8. The industry shall provide concrete pavement for all the internal roads in the plant to avoid fugitive dust emissions within 3 months.
9. The Industry shall develop and maintain thick green belt all along the boundary of the industry premises to achieve minimum 33% area of the total project site.
10. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order.

11. M/s. Dodla Dairy Limited, Sy Nos. 30/1, 31, Devarapalem (V), Nellore Rural, SPSR Nellore District.

The representatives of the industry attended the legal hearing. The committee noted that the industry is stored the waste water in the ponds in the southern side of the factory and the seepage water from the pond is joining into the irrigation canal passing near to the industry, which ultimately joining Nellore Irrigation Tank, thereby causing contamination of both surface water & ground water sources. The committee also noted the non-compliance of consent conditions.

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The EE, RO, Nellore has informed that the officials of RO, Nellore and Vigilance Department, Nellore District have inspected the industry & surroundings on 06.02.2018 and observed that the industry has made No. of unlined ponds in an extent of about 8.0 Acres on the southern side & treated effluents are storing in the unlined ponds thereby causing contamination of both surface water & sub-surface water sources due to seepage from the ponds. It was informed that the industry is drying large quantity of ETP sludge openly and not provided adequate sludge drying beds to dry the sludge and not maintaining log books. It was also informed that the industry has not provided bag filters to 8 TPH Boiler.

The representative of the industry informed that the ponds are dismantled and revamped the Effluent Treatment Plant and operated the same. They informed that they provided the bag filters to 8 TPH Boiles last month. They will provide the sludge drying beds to dry the sludge.

Recommendations:

After detailed review the Committee recommended to issue the following directions:

1. The industry shall immediately dismantle the unlined ponds completely in the industry premises.
2. The industry shall regularly operate Effluent Treatment Plant to treat the effluents to meet Board discharge standards and maintain log registers.
3. The industry shall utilize the treated effluents for land applications within the premises or in the lands as per the agreement made with the neighboring farmers for utilizing the total treated waste water for development of green belt by providing permanent pipe line above the ground level from the outlet of ETP for effective utilization of treated waste water.
4. The industry shall provide sludge drying beds with proper leachate collection system within 3 months.
5. The industry shall maintain digital flow meters at inlet of ETP, outlet of ETP and maintain daily records of meter readings.
6. The industry shall provide adequate closed ash room for storing ash to control dust pollution within 3 months.
7. The industry shall not discharge any type of effluents outside the premises under any circumstances.
8. The industry shall ensure continuous compliance of the conditions stipulated in CFO order issued by the Board.
9. The industry shall submit the Bank Guarantee of Rs.1 Lakh in favour of Environmental Engineer, Nellore in prescribed format within 15 days for period of one year validity towards compliance of Board directions.

12. M/s. Sri Subramanyeswara Stone Crusher, Martur (V&M), Prakasam district

The representatives of the stone crusher attended the legal hearing. The Committee noted that the Zonal Office, Vijayawada has issued Stop Production Order to the stone crusher on 03.01.2018 for operating without obtaining CFE/CFO order of the Board and not providing adequate air pollution control measures and causing air pollution problems in the surrounding area. The committee also noted that the status of compliance of the Board directions. The EE, RO, Nellore attended the meeting and informed that the industry has provided the air pollution control systems to minimize the air pollution in the surroundings. The representative of the stone crushers informed that they provided water sprinkling systems to control fugitive dust emissions. He informed that G.I sheet cladding was provided to the jaw crusher, vibrating screen and closed bunker for collection of stone dust. They assured that they will complete laying of metal road within their premises within 2 months. Hence requested to consider and issue revocation of closure order, as they have complied many of the directions issued by the Board.

Recommendations:

After detailed review, the Committee recommended to issue Revocation of Stop Production Order with the following directions to stone crushers:

1. The stone Crusher shall immediately obtain CFO order of the Board and shall operate the unit with valid CFO of the Board.

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2. The Stone Crusher shall continuously operate the air pollution control equipment so as to achieve the standard of 600 µg/m³ for SPM measured at a distance of 3 to 10 mtrs.
3. The stone crusher shall operate water sprinkling systems continuously and shall provide flow meters with totalizer to record the quantity of water consumption for dust suppression at industry premises within one month.
4. The Stone Crusher shall provide wind breaking walls & internal metal roads within 2 months
5. The stone crusher shall carry out regular cleaning and wetting of the ground to prevent the dust spreading to the surrounding areas.
6. The Stone Crusher shall keep intact cladding provided for crushers, vibratory screens and elevated closed dust tank for collection of dust.
7. The Stone Crusher shall spray water during loading and unloading of finished material and dust.
8. The Stone Crusher shall ensure that total premises including ramp area and approach road is always in wet condition.
9. The Stone Crusher shall submit the Bank Guarantee of Rs.1 Lakh in favour of Environmental Engineer, Nellore in prescribed format within 15 days for period of one year validity towards compliance of Board directions.
10. The Stone Crusher shall develop the thick green belt of width 5 mtrs along the boundary of the crusher.

The representatives of the 6 Nos. of stone crushers attended the legal hearing. The Committee noted that the Zonal Office, Vijayawada has issued Closure order to the stone crushers for not providing adequate air pollution control measures and causing air pollution problems in the surrounding area. The committee also noted that the status of compliance of the Board directions. The EE, RO, Nellore attended the meeting and informed that the industry has provided the air pollution control systems to minimize the air pollution in the surroundings. The representative of the stone crushers informed that they will provide water sprinkling systems to control fugitive dust emissions within one month. He informed that G.I sheet cladding was provided to the jaw crusher, vibrating screen and closed bunker for collection of stone dust. They assured that they will complete laying of metal road within their premises within 2 months. Hence requested to consider and issue revocation of closure order, as they have complied many of the directions issued by the Board.

Recommendations:

After detailed review, the Committee recommended to issue revocation of closure order with the following directions to stone crushers:

1. The Stone Crusher shall immediately obtain CFO order of the Board and shall operate the unit with valid CFO of the Board.
2. The Stone Crusher shall continuously operate the air pollution control equipment so as to achieve the standard of 600 µg/m³ for SPM measured at a distance of 3 to 10 mtrs.
3. The stone crusher shall provide water sprinkling systems within one month and operate the same continuously and shall provide flow meters with totalizer to record the quantity of water consumption for dust suppression at industry premises within one month.
4. The Stone Crusher shall provide wind breaking walls & internal metal roads within 2 months
5. The stone crusher shall carry out regular cleaning and wetting of the ground to prevent the dust spreading to the surrounding areas.
6. The Stone Crusher shall keep intact cladding provided for crushers, vibratory screens and elevated closed dust tank for collection of dust.

7. The Stone Crusher shall spray water during loading and unloading of finished material and dust.

8. The Stone Crusher shall ensure total premises including ramp area and approach road is always in wet condition.

9. The Stone Crusher shall develop the thick green belt of width 5 mtrs along the boundary of the crusher.

10. The industry shall submit the Bank Guarantee of Rs.1 Lakh in favour of Environmental Engineer, Nellore in prescribed format within 15 days for period of one year validity towards compliance of Board directions.

14. M/s. Balaji Conversion, Sy No.237/1, Palachur Village, Pellakuru Mandal, SPSR Nellore District.

The representatives of the industry attended the legal hearing. The Committee noted that The Ministry of Environment & Forest and Climate Change (HSM Division), GOI has framed the certain Guidelines/ Standard operating Procedure (SOPs) for operating Used Tyres Pyrolysis Oil Plant by adopting Batch process for control of Air & Water pollution & to maintain safety during operation. The Committee also noted that the Tyre Pyrolysis Plants are operating without complying with the most of the guidelines / SOPs as prescribed by the MoEF&CC (HSM) Division, Gol. The Committee further noted the Board has issued closure order to the industry on 08.03.2018 for operating without obtaining CFO order of the Board and non compliance of Guidelines/ Standard operating Procedure (SOPs) issued by the MoEF&CC.

The EE, RO, Nellore have informed that the industry is having valid Consent for operation (CFO) of the Board. It was informed that the industry is not removing steel wire before feeding in the reactor and employing manual feeding instead of mechanized system. They also informed that the industry is carrying the initial burning by liquid fuel/gas generated in the process. The industries provided stack height of 25-30 mtrs to disperse the emissions in to atmosphere; not provided automation systems; not provided Nitrogen purging system; provided mechanized system for collection of Carbon; provided adequate no. of sensors along with alarm system; provided adequate fire fighting system like sprinklers and not provided proper sealing to control fugitive emissions generation from reactor. The representative of the industry assured that they will comply all the recommendations of the MoEF&CC, Gol, and requested to give some time to comply the same.

Recommendations:

After detailed review, the Committee recommended to issue Temporary Revocation of Closure order for period of 2 months with following directions:

1. The industry shall use power supply for installing of pollution control equipments and shall not use for production activity.

2. The industry shall submit a time bound action plan within one week to concerned Regional Office, so as to comply with directions within one month.

3. The industry shall install suitable machinery for removal of steel wire from the tyres and shall feed only tyres devoid of steel to the pyrolysis reactor. The feeding arrangement to the reactor should be mechanized.

4. The industry shall use only liquid fuel or gas for initial heating of the reactor. The chimney height shall provide 30 mtrs for releasing the flue gas into the environment.

5. The industry shall flare excess pyro gas through properly designed flaring system of adequate capacity considering the emergency situation in which the entire gas may have to be flared and the flaring should be done at a minimum height of 30mts.

6. The industry shall provide adequate instrumentation for measurement and control of temperature and pressure along with the safety interlocks incase of increase of temperature or pressure to cutoff heating of the reactor. Automatic control systems such as Programmed Logic Control shall be adopted. It should be ensured that the reactor is under positive pressure all the time.

7. The industry shall cool the reactor before removal carbon. The reactor should be purged with Nitrogen during this process.

8. The industry shall remove the carbon through a mechanized system and it should be ensured that no spillage takes place during the collection of carbon in the bags.

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9. The industry shall construct the effluent treatment plant for properly treating the waste water generated in the process from condensers or any scrubbers and sludge generated should be sent to treatment storage disposal facility (TSDF).
10. The industry shall treat the oily containing water condensate in suitable ETP & Oil sludge/residues should be disposed through TSDF.
11. The industry shall strictly comply with the above directions within the specified time targets, failing which closure orders will be issued without any further notice.
12. The industry shall ensure the validity CFO of the Board and ensure continuous compliance of the conditions issued by the Board.

The committee also recommended to direct EE, RO, Nellore to inspect the industry after one month and verify the compliance and furnish inspection report to Office, Vijayawada along with analysis reports.

15. M/s. Sri Aswini Hatchery, R.S.No.161/2 and M/s. Mac Marine Hatchery of Chinnagollapalem (V), Kurthivennu (M), Krishna District.

The representatives of the industry attended the legal hearing. The Committee noted that the Zonal Office, Vijayawada has issued stop production order to the industry on 30.01.2018 for operating without obtaining CFO order of the Board. The representative of the industry informed that they have obtained CFO order of Board. It was informed that they have constructed ETP consists of chlorination tank, sedimentation tank – 3 nos., point of disposal of effluents are into the nearby creak after treating the effluents to meet the Boards discharging standards. Hence requested to consider and issue revocation of stop production order, as they have compiled directions issued by the Board.

Recommendations:
After detailed review, the Committee recommended to issue revocation of stop production order with the following directions to industry:

1. The industry shall regularly operate Effluent Treatment Plant to treat the effluents to meet Board discharge standards and maintain log registers.
2. The industry shall not dispose any solid waste outside the premises.
3. The industry shall not use antibiotics in the Hatchery process to avoid chemical pollution.
4. The industry shall ensure continuous compliance of the conditions stipulated in CFO order issued by the Board.

16 & 17.

I. M/s. Sri Lakshmi Venkateswara Stone Crusher (Formerly M/s. Sri Jaya Lakshmi Granite Metal Crushing Unit) Sy.No.314-3C & 314-3D, 315-1C/4, 1C/5 & 1C/6, Velidadakala (GP), Pattikuntapalli (V), Somandapalli (M), Anantapuram District.


The representatives of the 2 No.s of stone crushers attended the legal hearing. The Committee noted that the Zonal Office, Kurnool has issued Closure order to the stone crushers on 25.01.2018 for operating without obtaining CFE/CFO order of the Board and for not providing adequate air pollution control measures and causing air pollution problems in the surrounding area. The committee also noted the status of compliance of the Board directions. The JCEE, ZO, Kurnool attended the meeting and informed that the stone crushers have obtained CFO order of the Board and not provided cladding to the primary and secondary crushers; not provided elevated dust bunker for the collection of dust. The representative of the stone crushers informed that they provided water sprinkling systems to control fugitive dust emissions within one month. He informed that they have covered the vibrating screens with G.I sheet. They assured that they will complete laying of metal road within their premises within 3 months. It was further informed that they will provide elevated dust bunker for collection of dust and cladding to the primary and secondary crusher. Hence requested to consider and issue revocation of closure order, as they have complied many of the directions issued by the Board.
MINUTES OF THE TASK FORCE COMMITTEE MEETING HELD ON 16.05.2018

Recommendations:

After detailed review, the Committee recommended to issue revocation of closure order with the following directions to stone crushers:

1. The Stone Crusher shall provide cladding for primary and secondary crusher and elevated closed dust tank for collection of dust within one month.
2. The Stone Crusher shall continuously operate the air pollution control equipment so as to achieve the standard of 600 μg/m³ for SPM measured at a distance of 3 to 10 mtrs.
3. The stone crusher shall continuous operate water sprinkling systems and shall provide flow meters with totalizer to record the quantity of water consumption for dust suppression at industry premises within one month.
4. The Stone Crusher shall provide wind breaking walls & internal metal roads within 3 months
5. The stone crusher shall carryout regular cleaning and wetting of the ground to prevent the dust spreading to the surrounding areas.
6. The Stone Crusher shall spray water during loading and unloading of finished material and dust.
7. The Stone Crusher shall ensure that total premises including ramp area and approach road is always in wet condition.
8. The Stone Crusher shall develop the thick green belt of width 5 mtrs along the boundary of the crusher.
9. The Stone Crusher shall ensure continuous compliance of the conditions stipulated in CFO order issued by the Board.

18. M/s.Sree Raghavendra Traders and Stone Crusher, Sy.No.225, Nemakallu (V), Bommanahal (M), Anantapur District.

The representatives of the stone crusher attended the legal hearing. The Committee noted that the Zonal Office, Kurnool has issued Closure order to the stone crushers on 01.07.2017 for operating without obtaining CFO order of the Board and for not providing adequate air pollution control measures and causing air pollution problems in the surrounding area. The committee also noted the status of compliance of the Board directions. The JCEE, ZO, Kurnool attended the meeting and informed that the stone crusher has obtain CFO order of the Board and not provided cladding to the crusher. The representative of the stone crusher informed that they provided water sprinkling systems to control fugitive dust emissions within one month. He informed that they covered the vibrating screen with GI sheet and elevated dust bunker for collection of dust. They assured that they will complete laying of metal road within their premises within 3 months. Hence requested to consider and issue revocation of closure order, as they have complied many of the directions issued by the Board.

Recommendations:

After detailed review, the Committee recommended to issue revocation of closure order with the following directions to stone crushers:

1. The Stone Crusher shall continuously operate the air pollution control equipment so as to achieve the standard of 600 μg/m³ for SPM measured at a distance of 3 to 10 mtrs.
2. The stone crusher shall continuous operate water sprinkling systems and shall provide flow meters with totalizer to record the quantity of water consumption for dust suppression at industry premises within one month.
3. The Stone Crusher shall provide wind breaking walls & internal metal roads within 3 months
4. The stone crusher shall carryout regular cleaning and wetting of the ground to prevent the dust spreading to the surrounding areas.
5. The Stone Crusher shall keep intact cladding provided for crushers, vibratory screens, and elevated closed dust tank for collection of dust.
6. The Stone Crusher shall spray water during loading and unloading of finished material and dust.
7. The Stone Crusher shall ensure that total premises including ramp area and approach road is always in wet condition.
8. The Stone Crusher shall develop the thick green belt of width 5 mtrs along the boundary of the crusher.
9. The Stone Crusher shall ensure continuous compliance of the conditions stipulated in CFO order issued by the Board.

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   b. M/s. Nandi Chemicals, Plot No: 94, IDA, Kadapa, YSR Kadapa District

The representatives of the industry attended the legal hearing complaints did not attend the meeting. The Committee noted that the Zonal Office, Kurnool has issued Closure order to the industries on 10.07.2017 against the complaints received from STM Town ship and RIMS Quarters and for not provided required Air Pollution Control Equipments and non compliance of directions issued by the Board thereby causing Air pollution on the surrounding areas. The AEE, RO, Tirupati has informed that the industry has applied for CFO of the Board on 28.10.2017 for renewal of the industry and the issue was placed in the CFO committee meeting held on 06.11.2017 at Zonal Office, Kurnool and decided to issue CFO order subject to submission of revocation of closure orders and commitment. The representative of the industry informed that they have upgraded the existing Air Pollution control equipment by adding wet scrubber in addition to dust chamber and cyclone separator with 20m stack height for proper dispersion of emissions to meet the Board emission standards.

**Recommendations:**

After detailed review, the Committee recommended to issue revocation of closure order with the following directions:

1. The industry shall immediately obtain CFO order of the Board for Rotary Kiln of capacity 1.5 Ton/batch.
2. The industry shall continuosly operate the air pollution control equipment so as to meet the Board’s standards and maintain the log records.
3. The industry shall wet the internal roads to avoid dust nuisance during the transportation of vehicles.
4. The industry shall not discharge any process effluents outside the industry premises.
5. The industry shall develop green belt in and around the industry premises to control the air pollution generated during the operation of unit.
6. The industry shall ensure continuous compliance of the conditions stipulated in CFO order issued by the Board.

20. M/s. Slaughter House, Tanuku Municipality, L.P.No.129/1, 11th Ward, NGOs Colony, Ajjaram Road, Tanuku (V&M), West Godavari District

The representative of the industries and compliant did not attend the legal hearing. The committee recommended to defer the case for review the status in the next legal hearing.

[Signature]

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