### All Zones

1. **M/s. Rain Cements Ltd., Unit – II, (Plant), Sreepuram, Boinacheruvupalli (V), Peapully (M), Kurnool District.**

   The representatives of the industry attended the legal hearing. The committee noted the analysis reports of SPM values exceeding the Board standards and non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that at time of inspection, the damper of waste heat recovery Boiler was closed, so the values were exceeded. It was informed that they have already upgraded the STP in the month of September, 2016. They will construct the closed sheds by end of June’2017. It was also informed that they changed the CAAQM station near G-Type gate premises and will be completed by end of January’2017. The committee suggested that the industry shall take all pollution control measures to avoid the dust emissions in future and also instructed to calibrate online stack monitoring equipment and CAAQM stations in the presence of RO officials.

   **Recommendations:**

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

   1. The industry shall provide closed sheds to store the raw materials within 6 months.
   2. The industry shall continuously operate the water sprinklers at all the fugitive emissions sources to ensure compliance of Ambient Air Quality standards stipulated by the Board.
   3. The industry shall take necessary measures to achieve the standard of 30 mg/Nm³ in the stack emissions as stipulated in the consent order dt. 02.07.2018.
   4. The industry shall upgrade air pollution control equipment attached to cooler stack so as to achieve the standard stipulated by Board in the consent order dt.02.07.2016.
   5. The industry has installed two CAAQM stations for measuring dust concentrations, one at School and another one at security entrance gate, which are falling on the South side of the industry and are totally away from the process area, raw material storage area and mining area. Hence, these CAAQM stations shall be shifted to East and West peripheries of the industry so as to cover predominate wind directions observed most of the year.
   6. The industry shall ensure continuous compliance of the conditions issued in the CFO & HWA order.

2. **M/s. Synergy Remedies Pvt. Ltd., Plot No: 74A & 77A, APIIC Industrial Park, Gajulamandyam village, Renigunta Mandal, Chittoor District.**

   The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they have completed trail batches and waiting for approval from customers. It was informed that they installed water meters and 2X3 TPH Boilers. They informed that they installed pH meter for the scrubbers. It was also informed that they will install web cameras by end of January’2017. They will construct the Effluent Treatment Plant by the end of January’2017. They will develop green belt coming monsoon season.

   **Recommendations:**

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

   1. The industry has to complete construction of the project in all aspects by August, 2016.
   2. The industry shall maintain the records indicating the effluent generated in a day, mode of treatment and mode of disposal during validation batches of products.
   3. The industry shall complete the ETP in all aspects at the earliest before starting the commercial production.
   4. The industry shall ensure that there shall not be any discharge into Nakkavagu existing adjacent to the premises under any circumstances.

   [Signature]

   **Member Secretary**
5. The industry shall install web cameras near ETP as per the directions of the CPCB and connect to the CPCB / APPCB websites.
6. The industry shall develop the green belt in an area of 33% of the total area as stipulated in the CFO order.

3. **M/s. Crest Cellulose Pvt. Ltd., Plot Nos.12&13, APIIC Industrial Park, Menakur (V), Naidupet (M), Nellore District.**

The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that ATFD may be waived. They will construct Closed sheds and completed by the end of February 2017.

**Recommendations:**

The Committee after detailed discussions recommended to direct ZO, Vijayawada to inspect industry along with Social Scientist of near by University to verify whether the dehydrator provided by the industry for treatment of effluent can be considered in place of ATFD; to verify the entire effluent treatment system and whether dehydrator comes under ZLD or not and also to verify the configuration of MEE provided by the industry. The inspection report shall be furnished to Board Office within one week.

4. **M/s. S.S. Bio Care, Sy No.61, Plot No.02, APIIC, Attivaram (V), Ozili (M), SPSR Nellore District.**

The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that the present management of the industry has taken over the unit from the previous management recently. They informed that they have placed purchase order for incinerator parts. They will install all pollution control measures and will be completed by end of February 2017. They are planning to conduct awareness programs in coordination with the APPCB for creation of awareness in segregation of BWM. It was observed that the incinerator ash containing full of glass bottles, this implies that the incinerable waste is not properly segregated at the source.

**Recommendations:**

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

1. The facility shall collect only segregated biomedical waste from HCEs.
2. The facility shall maintain proper records for all operations carried out at the CBMWTF immediately.
3. The facility shall not take-up manual feeding of biomedical waste into the incinerator and shall operate only auto-feeding system.
4. The facility shall take necessary immediate steps for prevention of oil spillages and carryover of oil from the premises.
5. The segregated rubber and plastic components, disposable syringes shall be disinfected before disposal.
6. The facility shall provide online stack monitoring equipment within three months.
7. The industry shall replace the rusted stack attached to the incinerator within three months.
8. The industry shall ensure continuous compliance of the conditions issued in the CFO & HWA order.
9. The facility shall maintain good housekeeping in the plant premises.
10. The facility shall submit Bank Guarantee of Rs.2.0 Lakhs within 15 days towards the compliance of above directions.

[Signature]

MEMBER SECRETARY
5. M/s. Coromandel International Ltd., Vaklapudi (V), Beach road, Kakinada Rural, East Godavari District.

The representative of the industry did not attend the legal hearing. The committee recommended to review the status in the next legal hearing.


The representative of the industry did not attend the legal hearing. The committee recommended to review the status in the next legal hearing.

7. M/s. Rainbow Industries, Sy.No.22/1, Patha Kunkam (V), Lavuru (M), Srikakulam Dist.

The representative of the industry did not attend the legal hearing. The committee recommended to review the status in the next legal hearing.

8. M/s. Saraca Laboratories Ltd., Unit-II Boyapalem (V), Ranasthalam (M), Srikakulam District.

The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they will apply for CFO amendment for proposed Marine disposal for effluent discharge into sea. They informed that they replaced the Bag Filters.

**Recommendations:**

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

1. The industry shall obtain CFE / CFO order of the Board for new boiler immediately.
2. The industry shall obtain necessary permission for manufacture of Methane Sulphuric Acid from the Board after success of trial runs.
3. The industry shall take necessary approvals from the Board and MoE&F for concrete guard ponds of capacity 100 KL each in storage of treated effluent before discharge into sea through marine outlet.
4. The industry shall operate biological ETP to treat the LTDS effluent before its reuse.
5. The industry shall provide concrete platform under a shed for the storage of raw material drums, solvent drums etc. along with leachate collection system. The leachate collection system shall be connected to effluent storage tanks.
6. The industry shall store and dispose the process liquid organic residue and distillation bottom residue in a proper way.
7. The industry shall provide online stack analyzer for Gas incinerator, as per the Board directions.
8. The industry shall improve the house keeping near boiler house, hazardous waste storage area.
9. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.

9. M/s. Steel Exchange India Limited, Malleveedu & Sreerampuram (V), L. Kota (M), Vizianagaram Dist.

The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they have extended the height of the place of inlet probe pertaining to CAAQMS as per specifications. It was informed that they will improve de-dusting system at SMS area to reduce the fugitive dust emissions and will be completed by the End of January'2017. They will take suitable measures to reduce the noise levels at Rolling mills area.

[Signature]

MEMBER SECRETARY
Recommendations:

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

1. The industry shall improve overall housekeeping of the plant, particularly at SMS area, Kiln areas and ash handling (Silos) area immediately.
2. The industry shall meet the emission standards for CFBC Boiler within one month.
3. The industry shall take necessary measures to avoid coal dust and other raw materials mix with storm water during rains within two weeks.
4. The industry shall operate lime injection to CFBC boiler for capture of SO₂ emissions as per the consent order condition.
5. The industry shall provide flow meters to Effluent Treatment Plant.
6. The industry shall store iron ore fines and other dusty raw materials in closed sheds within one month.
7. The industry shall take up construction of STP to treat the domestic effluents, as per the consent condition.
8. The industry shall improve de-dusting system at SMS area to reduce the fugitive dust emissions within one month.
9. The industry shall take suitable measures to reduce the noise levels at Rolling mills area within two months.
10. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.


The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they are operating ETP along with RO plant and achieve zero liquid discharge (ZLD). It was informed that they will install flow meters by end of this month. It was also informed that they will construct internal roads by end of January'2017 and storm water drains will be completed by end of February'2017. The purchase order of stack analyzer is issued and installed by the end of January'2017.

Recommendations:

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

1. The industry shall continuously operate ETP along with RO plant and shall achieve zero liquid discharge (ZLD)
2. The industry shall not discharge any wastewater outside the premises under any circumstances.
3. The industry shall install the flow meters with totalizers at required areas immediately to quantify the raw water intake and effluent generation within 1 month.
4. The industry shall operate the Spray drier regularly.
5. The industry shall lay internal concrete roads and separate storm water drains within 2 months.
6. The industry shall construct guard pond for collection of storm water from the plant premises within 1 month.
7. The industry shall provide piezo meters around the project area to monitor the ground water quality within 1 month.
8. The industry shall install online stack analyzer and shall connect to data logger within one month.
9. The industry shall improve the housekeeping of the plant.
10. The industry shall develop the greenbelt as per the consent condition.
11. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.

[Signature]

MEMBER SECRETARY
11. M/s. Delta Papers Ltd, Vendra (V), Palakonderu (M), West Godavari District.

The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that ETP work order issued to M/s. SV Enviro Labs & Consultants, the agency has visited the plant twice and collected the samples. The ETP evaluation report is being prepared by the agency and same will be submitted shortly. It was also informed that they installed flow meters and maintained log book records. They have ordered for CC cameras at ETP with recording facility and will be completed by end of December 2016. It was also informed that they commissioned the new primary clarifier cum thickener.

Recommendations:

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

1. The industry shall submit the ETP evaluation report to Regional Office, Eluru within 1 week.
2. The industry shall install CC Cameras at ETP area and connect to APPCB website and CPCB within 1 month.
3. The industry shall operate Sewage Treatment Plant (STP) for treatment of domestic effluents.
4. The industry shall properly maintain the flow meters at different streams of waste water generation at inlet and outlet of ETP.
5. The industry shall have at least two days storage capacity of treated effluent to facilitate the Board to check the quantity of treated effluents within one week.
6. The industry shall comply with the directions issued by Board vide order dt. 10.10.2016.
7. The industry shall ensure continuous compliance of the CFO and Hazardous Waste Authorization conditions issued by the Board.


The representatives of the industry attended the legal hearing. The committee noted that the Board received complaints against the industry regarding discharging of effluents into Gontheru Drain and non-compliance of CFO order conditions and the directions of the Board. The committee instructed the management to remove all the pipe lines leading to Gontheru drain and manholes immediately. The representative of industry informed that they constructed new ETP designed by Universal Enviro Associates in June 2016 and it is fully operational. It was informed that they provided water meters for measuring the water consumption, ETP generation and disposal of the effluent. It was also informed that they have constructed a bio-pond of 1.5 acres in which they can store more than one month of treated effluents and the treated effluents is being used for development of fish culture and watering the green belt around the plant.

Recommendations:

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

1. The industry shall submit the ETP evaluation report to Regional Office, Eluru within 1 week.
2. The industry shall remove the two manholes and pipe lines with facility to discharge effluents into Gontheru drain immediately.
3. The industry shall not discharge any waste water outside the industry premises under any circumstances.
4. The industry shall provide digital flow meters with totalizer facility at inlet and outlet of ETP to measure quantity of effluent within two months.
5. The industry shall not cause any water / air pollution/noise/odour to the surrounding environment.

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6. The industry shall maintain the records within one week for daily productions details, RG-I records and Central Excises Returns, Quantity of trade effluent generated and treated, Log Books for pollution control systems, Characteristics of effluents and emissions, Hazardous/non hazardous solid waste generated and disposed.

7. The industry shall ensure continuous compliance of the CFO and Hazardous Waste Authorization conditions issued by the Board.

The Committee also recommended to direct the EE, RO, Eluru to verify above directions and furnish the inspection report within 2 months. The Committee will review the status of compliance after receipt of report.


The representatives of the industry attended the legal hearing. The committee noted the non compliance of CFO order conditions and directions of the Board. The Committee instructed the management to remove all the pipe lines leading to Yanamuduru drain immediately. The representative of industry informed that the existing ETP is evaluated by sri Durga Civil & Enviro Consultants, Vijayawada. The ETP evaluation report is being prepared by the agency and same will be submitted by end of January 2017. They have placed order for Electro Magnetic flow meter and installed completed by end of this month. It was informed that they have placed the order for CC cameras and installed will be completed by end of January 2017.

**Recommendations:**

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

1. The industry shall permanently close the pipe line from the industry leading to Yanamadduru Drain immediately.
2. The industry shall not discharge any waste water outside the factory premises.
3. The industry shall provide digital flow meters with totalizer facility for the ETP at inlet and outlet of ETP to measure quantity of effluent routed through the ETP.
4. The industry shall have at least two days storage capacity of treated effluent to facilitate the Board to check the quantity of treated effluents within 15 days.
5. The industry shall provide CC cameras at ETP with recording facility for three months within 1 month.
6. The industry shall submit the BG of Rs. 50,000/- in force by revalidating the same before expiry of the date.
7. The industry shall develop 33% of the total areas as thick green belt all along the boundary of the unit and also in the vacant places with all tall growing trees with leaf tree during the next monsoon season.
8. The industry shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.

The Committee also recommended to direct the EE, RO, Eluru to verify above directions and furnish the inspection report within 2 months. The Committee will review the status of compliance after receipt of report.


The representatives of the industry attended the legal hearing. The committee noted the most of not complied of CFO order conditions and the directions of the Board. The Committee instructed the management to remove all the pipe lines leading to Yanamadduru drain immediately. The committee also observed that industry has not taken any measures for treatment of effluents and to avoid discharges. The representative of industry informed that they installed two digital flow meters at Effluent Treatment Plant. They will install CC Cameras at ETP with recording facility for 3 months and completed by end of February 2017.
Recommendations:

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

1. The industry shall remove manhole with underground pipe line to Yenamadduru drain immediately.
2. The industry shall not discharge any waste water outside the factory premises and shall operate ETP without fail.
3. The industry shall operate digital flow meters with totalizer facility for the ETP at inlet and outlet of ETP to measure quantity of effluent routed through the ETP.
4. The industry shall have at least two days storage capacity of treated effluent to facilitate the Board to check the quantity of treated effluents within 15 days.
5. The industry shall provide CC cameras at ETP with recording facility for three months within 1 month.
6. The industry shall install Sewage Treatment Plant within four months.
7. The industry shall maintain records for water consumption and effluent utilized for plantation.
8. The industry shall develop 33% of the total areas as thick green belt all along the boundary of the unit and also in the vacant places with all tall growing trees with leaf tree during coming monsoon season.
9. The industry shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.

The Committee also recommended to direct the EE, RO, Eluru to verify above directions and furnish the inspection report within 2 months. The Committee will review the status of compliance after receipt of report.


The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they have installed two additional indirect steam Roto-Disc dryers and one Boiler (Evaporation capacity 6.00 Tons per hour) for ZLD system implementation. The ZLD system operation trails started.

The representative of industry informed that they have purchased one more ETP Blower and ETP pipeline for spare purpose. They have erected two more Bag filter beds. They are running ETP regularly. They are disposing the Chicken offal’s HDPE/LDPE bags to authorized recyclers. It was informed that they are discharging the ETP outlet water in own Agriculture land irrigation purpose only. They have purchased 3.95 acres of agriculture land for the ETP outlet water usage purpose. This land adjacent to the ETP plant. They have planned to buy the raw material in closed steel container. It was also informed that they have purchased the Ecosorb system to control odor nuisance with a cost of 3.35 Lakhs. Finally the management requested the Board for revocation of stop production order.

Recommendations:

The Committee after detailed discussions, recommended to issue revocation of Stop Production order with the following directions:

1. The industry shall transport chicken offal’s through trucks with well designed covered bodies. There shall be no possibility for water leaking from the vehicle and no smell during transportation. The vehicle shall be air conditioned to avoid purification during transportation.
2. The industry shall inform through mail to RO, Eluru about the vehicle carrying chicken offal to the plant before its departure along with scanned manifest.
3. The industry shall operate ETP continuously.
4. Chicken offal’s shall be stored in the air condition shed only in the plant.

[Signature]
MEMBER SECRETARY
5. Utmost care shall be taken regarding housekeeping and also for ensuring avoiding of smell. Raw material shall not be stored for more than 12 hrs.
6. The industry shall obtain necessary amendments in the CFE/CFO order for operation of new drier and new 6 TPH boiler.
7. The industry shall install necessary air pollution control equipment like multi cyclones to the new boiler.
8. The industry shall maintain zero liquid discharge under all circumstances.
9. Floor washing and vehicle washing water shall be treated and used for onland plantation. There shall not be any discharge outside premises.
10. The industry shall not produce feed supplement in M/s.A.R.Feeds.
11. The industry shall maintain proper records of source of raw material, quantity of raw material procured, products etc.,
12. The industry shall not discharge any treated effluents or untreated effluents into the outside the industry premises.
13. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board vide order dt.20.06.2016.
14. The industry shall submit the Bank Guarantee of Rs.2.0 Lakhs towards the compliance above directions.

16. M/s. Tern Distilleries (P) Ltd., Tallapalem (V), Kasimkota (M), Visakhapatnam District.

The representatives of the industry and the complaints attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that the industry is not in operation since July 2015 due to financial problems. They have renewed Bank Guarantee of Rs.10.00 Lakhs with a period up to 29.02.2017. They informed that they installed 3 nos of online stack monitoring system to 15 TPH boiler, 12 TPH boiler and rotary dryer and connected to APPCB website and CPCB. It was informed that they removed the unlined lagoons. Finally the management requested the Board for revocation of stop production order.

**Recommendations:**

The Committee after detailed discussions, recommended to issue revocation of stop production order with the following directions:

1. The industry shall ensure the continuous operation of air pollution control equipment provided to the boiler and demonstrate continuous compliance of emission standards prescribed in the CFO order.
2. The industry shall not store ash & husk in open and transport all the openly stored ash & husk to the storage shed.
3. The industry shall submit action plan within 15 days for installing the CO₂ plant within Six months.
4. The industry shall ensure that all the effluents generated shall be stored and taken for treatment along with spent wash in the MEE.
5. The industry shall maintain log record of all the energy meters and flow meters provided to the MEE, ESP, Spent Wash tank, dryer.
6. The industry shall ensure that there is no perceptible odor inside the premises or outside the premises.
7. The industry shall not discharge any waste water outside the industry premises.
8. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.

17. M/s. Sai Ram Chemicals, Plot No. 80-C, Road No. 20, JN Pharmacity, Parawada, Visakhapatnam.

The representative of the industry did not attend the legal hearing. The committee recommended to review the status in the next legal hearing.

 MEMBER SECRETARY

The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and directions of the Board. The representative of industry informed that they will apply for Consent for Operation for change of product mix by end of this month. It was informed that they proposed to install double stage scrubber to control process emissions. They installed flow meters at outlets of HTDS and LTDS effluents before sending to CETP. It was also informed that they installed web camera and will be connected to APPCB / CPCB websites by the end of this month. They informed that they will develop green belt in an area of 2 acres within the plant premises.

Recommendations:
The Committee after detailed discussions, recommended to issue the following directions:
1. The industry shall obtain CFO (Change of Product Mix) order of the Board immediately.
2. The industry shall dismantle the boiler of capacity 800 kg/hr as agreed by the management immediately.
3. The industry shall provide double stage scrubbers to control process emissions within 2 months.
4. The industry shall install VOC analyzers for monitoring of VOCs within two months.
5. The industry shall dispose of the hazardous wastes stored in the premises as per disposal option permitted in the consent order.
6. The industry shall connect the web camera to the website of CPCB and submit the compliance to the Board.
7. The industry shall develop the thick green belt within the plant premises during coming monsoon season.
8. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.


The representative of the industry did not attend the legal hearing. The committee recommended to review the status in the next legal hearing.


The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and directions of the Board. The representative of industry informed that they have obtained CFE for change of product mix and 4 TPH Boiler. It was also informed that they provided closed shed. They will apply for Consent for Operation for change of product mix and 4 TPH Boiler by the end of this month. It was informed that they will provide solvent recovery plant and completed by the end of May 2016. They will provide separate energy meter to air pollution control equipment by end of February 2017.

Recommendations:
The Committee after detailed discussions, recommended to issue the following directions:
1. The Industry shall not manufacture any un-consent products and shall obtain CFO of the Board for change of product mix.
2. The Industry shall obtain CFO of the Board for the 4 TPH Boiler.
3. The Industry shall provide solvent recovery plant within the industry premises within two months.
4. The Industry shall maintain separate energy meter to Air Pollution Control Equipment within one month and maintain log register for the same within 15 days.
5. The Industry shall comply the directions issued by the Board vide order dt. 27.05.2016.
6. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.