## MINUTES OF THE CFO COMMITTEE MEETING HELD ON 22.04.2017

### VISAKHPATNAM ZONE:

<table>
<thead>
<tr>
<th>1.</th>
<th>M/s. Dr. Reddy’s Laboratories Limited, CTO-VI, IDAPydibheemavaram (Village), Ransthalam (Mandal), Srikakulam District.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M/s. Dr. Reddy’s Laboratories Limited, CTO-VI is a Bulk drug manufacturing unit and obtained CFO of the Board vide Order No. APPCB/VSP/VZN/13471/CFO/HO/2016-, dated 02/03/2016 with validity of 31/12/2018 to manufacture of 88 Nos. of Bulk Drug products including R &amp; D Products and 3 No. of by-products. The industry has further obtained CFE (Change of Product Mix) Order No. 46/PCB/CFE/RO-VZM/HO/2014-491, dated 27/04/2015 to manufacture of 81 Nos. of Bulk Drug products including R &amp; D Products and 3 No. of by-products, Power Generation @ 6 MW by installing 40 TPH Boiler and DG Sets of capacities 12850 KVA. The representatives of the industry attended the meeting and informed that in present expansion (power plant) the industry installed 40 TPH boiler with a stack of 50 mts and ESP as air pollution control equipment. After obtaining of CFE of the Board for 40 TPH Boiler the existing 12 TPH, 10 TPH and 4 TPH Boilers will be kept standby. Also requested for permission to exhaust steam generated from turbine at the power plant to SEZ unit to meet their steam requirements and also the disposal of solid waste as requested in the application.</td>
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</tbody>
</table>

### Recommendations:

After detailed discussions on the report of the EE:RO-Vizianagram and the agenda, the Committee recommended to issue renewal of CFO & HWA Order along with the power plant for a period upto 30.04.2022 with the necessary conditions.

<table>
<thead>
<tr>
<th>2.</th>
<th>M/s. Hetero Drugs Ltd., Unit IX, Plot No.1 of Hetero Infrastructure SEZ Ltd, N. Narsapuram (Village), Nakkapalli (Mandal), Visakhapatnam District.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M/s. Hetero Drugs Ltd., Unit is a Bulk Drug manufacturing unit and obtained CFO &amp; HWA on 27.02.2015 with 23 Regular Products &amp; 45 Campaign Products and permitted to manufacture any 18 products in worst case scenario of 9 from Regular &amp; 9 from Campaign Products limited to manufacture 3533.50 Kg/day. The CFO &amp; HWA is valid up to 31.12.2017. Further, the industry obtained CFE (CPM) vide order dated 13.12.2016 with 29 Regular Products &amp; 51 Campaign Products and proposed to manufacture any 14 products in worst case scenario of 6 from Regular basis with maximum production capacity of 5599.99 Kg/day &amp; 8 from Campaign Products with a maximum production capacity of 716.67 Kg/day and now, the industry applied for CFO of the Board for Change of product mix through single window system. The committee noted that M/s. Hetero infrastructure is operating 45 TPH boiler with captive power generation of capacity 6.1 MW and the industry has started operations without obtaining EC from MoEF&amp;CC, CFE &amp; CFO from the Board for power generation. As per the TF directions vide dated 30.11.2016 the industry shall not operate power plant of capacity 6.1 MW till they obtain EC from the industry has to obtain the EC from MoEF &amp; CC, CFE &amp; CFO from the Board.</td>
</tr>
</tbody>
</table>

### Recommendations:

After detailed discussions on the report of the EE, RO: Visakhapatnam and the agenda, the Committee recommended to issue Change of product mix of CFO & HWA Order for a period upto 31.12.2018 with the following conditions:

1. The industry shall submit the performance report of 100 KLD ETP at the Regional Office: Visakhapatnam within a month.
2. The industry shall maintain the records of quantity of Effluents generated and forced evaporated and disposed to Sea.
3. The industry shall convert the single stage scrubbers to double scrubbers.

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M/s. Emmennar Pharma Pvt. Ltd., Unit – II (formerly M/s. Emmennar Bio-Tech Private Limited (Unit - II) is operating a Bulk drug & Bulk Drug intermediates manufacturing unit. Earlier the industry obtained CFO of the Board for manufacturing 14 products in 4 Groups (Group – A, B, C & D) with production capacity of 26,000 Kgs/day (Group – A) on campaign basis and permitted to manufacture any one group of products with the capacities mentioned therein at any point of time and is valid up to 31.03.2017.

As per the production details the industry has manufactured 14 products in which 6 are consented products, 1 is by – product, 2 are intermediates of the consented products and remaining 5 are new products (Un consented products). The representatives of the industry attended the meeting and informed that they submitted a letter stating that above products were manufactures as R & D products and they will apply for CFO of the Board before going commercial production. The committee noted the following non-compliances as reported by the EE:RO -Visakhapatnam:

   a. The industry is manufacturing un-consented products without obtaining the CFO/CFO of the Board.
   b. The industry has not started disposing container liners/PP bags, centrifuge bags, surgical masks, head caps, gloves to TSDF, Ramky Pharmacity India Ltd.
   c. The industry has procured VOC meter and not installed.
   d. The industry has not provided data logger to pH meters.

Recommendations:

After detailed discussions on the report of the EE:RO -Visakhapatnam and the agenda, the Committee recommended to issue CFO&HWA Order (Expansion) for a period upto 31.03.2022 with the following conditions:

   a. The industry has not started disposing container liners / PP bags, centrifuge bags, surgical masks, head caps, gloves to TSDF, Ramky Pharmacity India Ltd.
   b. The industry shall install VOC meter.
   c. The industry shall install online pH meter to scrubbers immediately and report the compliance at RO.Visakhapatnam.


M/s. Veda Bio Fuel Limited is a Grain Based Ethanol Unit with captive power plant (Phase-I: 1x75 KLD Ethanol Unit & 2.5 MW Captive Co-Gen Plant). The industry obtained CFO of the Board vide CFO Order No. APPCB/VSP/VZN/320/HO/ CFO/2016-, dated 06/04/2016 for production of Rectified Spirit (RS) / Extra Natural Alcohol (ENA) / Ethanol (Fuel ethanol or Anhydrous Alcohol (AA) / Industrial Alcohol: 75 KLD; Captive Power Generation: 2.5 MW and by-products of Carbon Di-Oxide: 45.6 TPD and DDGS: 54 TPD. The industry is installed one boiler and one MEE and the CO2 recovery plant (Under construction).

The committee noted the following non-compliances as reported by the EE:RO-Vizianagaram:

1. Not installed separate meters with necessary pipeline shall be provided for assessing the quantity of water used for each of the purpose.
2. Not provided concrete drains near processing sections such that the spillages, leakages are collected and connected to ETP for further treatment.

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3. Not provided digital flow meters with tantalizers at in inlet of ETP, MEE Feed, RO Feed and treated effluent separately for measuring effluent generation, treatment and recycled.

4. Not provided continuous online stack monitoring system and shall be networked by APPCB for website display.

5. Not provided digital flow meters at process, boiler feed, RO Inlet, RO Outlet etc., except intake water point from Champavathi River.

6. Stack Monitoring was conducted at the time of inspection and the values are 790.4 ug/m³ which is far exceeding the standards.

7. The issue was also reviewed at Task Force, during its meeting held on 09/12/2016 and directions were issued vide order dated 10/01/2017 with certain conditions to comply with, but till date the industry has not complied.

8. The industry is collecting the spent was from the fermenter in a open tank and sent to decanter. The decanted wash (thin slop) is being taken back as make up in the liquefaction section. The wet cake generated in the decanter is being stored on the ground for natural drying to reduce the moisture content before being sent to drying for further moisture reduction. Leachate from the wet cake is swirled in the premises in indiscriminately.

9. Not provided guard pond for storm water, storm water drains, concretization of internal roads and providing of piezo wells

10. Not maintaining good housekeeping like the material, wet cake, rubbish strown in the premises etc. At the time of inspection it was observed that the ash, husk, wet cake swirled indiscriminately in the premises causing nuisance to the neighbors by way of air borne dust carried away by wind currents.

11. Not provided dyke walls for collection of spillages at the process and ETP area.

12. Not provided the CAAQM station with connectivity to PCB Website.

13. The industry has not taken up greenbelt as per the CFE / CFO order conditions.

14. Not maintaining the records for quantity of effluent generated, treated, recycled/reused. log books for operation of pollution control equipment were not available.

15. The industry has not provided guard pond for storm water, storm water drains, concretization of internal roads and providing of piezo wells

16. The industry has not provided digital flow meters at process, boiler feed, RO Inlet, RO Outlet etc., except intake water point from Champavathi River.

17. Not provided concrete drains near processing sections such that the spillages, leakages are collected and connected to ETP for further treatment.

18. Complaints were received from Sri Akiri Prasada Rao, ZPTC, Pusapatiregara and villagers on discharge of effluent outside the premises, rice husk nuisance due to open storage, cooling tower foam nuisance and odour nuisance. On verification this office officials have also observed that the over flow from sludge drying beds taken its way to outside the premises forming a cesspool which is source of odour nuisance. Hon’ble MLA also complained against the management of the industry for not being honored the commitment made in the public hearing.

Recommendations: After detailed discussions on the verification report of the EE, RO: Vizianagaram mand agenda and the Committee recommended to issue renewal of CFO & HWA Order for a period up to 31/03/2022 after the industry submit commitment letter duly mentioning the timelines to
5. M/s. Sri Jayalakshmi Ferro Alloys Private Limited, R.Sy.Nos.12 to 16, 18, 20, 33, 34, 49, Pedabantupalli (Village), Gurla (Mandal), Vizianagaram District.

M/s. Sri Jayalakshmi Ferro Alloys Private Limited is a Ferro Alloys manufacturing unit and obtained Environmental Clearance from MoEF, New Delhi vide order No. F. No. J-1101/331/2008-IA II (I), dated 29/04/2009 for the production of Ferro alloys @ 31320 TPA by using 2 X 9.0 MVA Electric arc furnaces. The Board had accorded CFE Order to M/s. Sri for production of Ferro Chrome: 15660 in Phase-I and Ferro Manganese: 4000 TPA; Ferro Chrome: 8000 TPA; Silico Manganese: 2660 TPA and Ferro Silicon: 1000 TPA in Phase-II. The industry obtained CFO of the Board vide order dt. APPCBB/VSP/VZN/166/CFO/HO/2012-2612, dated 12/09/2012 with validity up to 30/04/2015 for production of Ferro Manganese: 4000 TPA; Silico Manganese: 2660 TPA and Ferro Silicon: 1000 TPA. Now, the industry applied for CFO renewal for Ferro Manganese/Silico Manganese/Ferro Silicon: 15660 TPA vide their applications dated 15/03/2017. The industry provided hood and duct for extraction of dust emissions followed by air pollution control equipment i.e., Gas cooling chamber (Re recuperator) bag filters and ID fan with stack height of 30 Mts. for the EAF-9 MVA also installed the on-line stack analyzer and presently not connected to APPCB Website. The representatives of the industry attended the meeting and informed that the industry is not in operation from March 2015 also informed that the industry has applied for total production of either Ferro Manganese/Silico Manganese/Ferro Silicon: 15660 TPA at any point of time depending on the market conditions.

Recommendations:

After detailed discussions on the verification report of the EE, RO: Vizianagaram and agenda and the Committee recommended to issue renewal of CFO & HWA Order for a period upto 30/04/2019.

a) The industry shall ensure proper solid waste management plan to dispose the solid waste generated approximately 1:0.8 ratio.

b) The 50 tonnes of slag is stored at the site shall be disposed immediately.

c) The industry shall provide 4 Nos ambient air quality monitoring stations as per the EC and CFO Conditions.

d) The industry shall provide data logger enabled damper to the natural draft chimney connected to the furnaces to record the by-passing timings and duration or permanently close the damper.


M/s. Gayatri Vidya Parishad Institute of Health Care & Medical Technology is a Health Care Facility (HCF) with bed strength of 300 Nos and obtained CFO vide Order No. APPCBB/VSP/VZN/HO/CFO/2016 dt 09.06.2016 valid up to 31.03.2017. The HCF has now applied for the renewal of the CFO. The committee noted the following non compliances as reported by the EE: RO-Visakhapatnam as mentioned below:

1. The HCF is not segregating the waste properly. The HCF was issued notice regarding the improper segregation of waste.

2. The HCE is not mutilating the syringes properly.

3. The HCF has not constructed the STP and is disposing the waste water to the GVMC sewer.

Recommendations:

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<th>7.</th>
<th>M/s. KIMS Sai Seshadri Hospital (A Unit of Arunodaya Hospitals Pvt. Limited), New Bridge Road, Near Datta Temple, P.N. Colony Junction, Srikakulam District.</th>
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<tr>
<td><strong>M/s. KIMS Sai Seshadri Hospital</strong> is a Health Care Facility (HCF) and obtained CFO &amp; BMW authorization Order No. 20518-VZN/APPCCB/ZO-VSP/CFO/2016-2278, dated 11/03/2016 and was expired on 31/03/2017 for the bed strength of 150 Nos. Now, the HCF applied for CFO &amp; BMW authorization applications on 23/03/2017 for the bed strength of 200 Nos. The HCF constructed STP of capacity 45 KLD with the following units: Sewage collection sump, Clarifier tank, settling tank, Aeration Tank, Pressure Sand Filter &amp; Activated Carbon Filter, Treated Water Collection Tank. Treated water is disposed to municipal drain. The HCF is segregating Bio-Medical waste at source as per coloring coding and sending to common facility for further treatment.</td>
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**Recommendations:**

After detailed discussions on the report of the EE:RO-Vizianagaram, and the agenda, the Committee recommended to issue renewal of CFO & HWA and Bio-Medical waste Authorization Order for a period **upto** 31/03/2022 with necessary conditions. 

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<th>8.</th>
<th>M/s. Konaseema Institute of Medical Sciences and Research Foundation &amp; Kims General Hospitals (Mother Theresa Educational Society), NH-214, Chaitanya Health City, Kamanagaruvu (Village), Amalapuram (Mandal), East Godavari District.</th>
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<tr>
<td><strong>M/s. Konaseema Institute of Medical Sciences and Research Foundation &amp; KIMS General Hospitals (Mother Theresa Educational Society), is operating with 850 beds capacity. The Medical College &amp; Hospital is a super speciality hospital having specialization with Cardiology, Oncology, Gastroenterology, General &amp; Laproscopic Surgery, General Medicine &amp; Critical Care, Obstetrician &amp; Gynecology, Orthopedics, Neuro Surgery, ENT, Ophthalmology, Radiology &amp; Nephrology etc. The Medical college &amp; Hospital provided Bins for collection of Bio Medical Waste at wards, Laboratory &amp; Operation theatre and following color coding. Separate de-marked area with bio Hazard symbol for storage of Bio-medical waste as per colour coded has been provided. The committee noted that the untreated waste water generated from the Medical College &amp; Hospital is about 255 KLD and is being discharged into Muriki Kaluva adjacent to the premises. The Medical college and Hospital has submitted a proposal for construction of STP of capacity 600 KLD.</strong></td>
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**Recommendations:**

After detailed discussions on the report of the EE:RO - Kakinada and the agenda, the Committee recommended to issue renewal of CFO, HWA & BMW Authorization Order for a period **upto** 30.06.2021 after the industry HCF submit commitment letter to comply with the following:

1. The HCF, under no circumstances, shall discharge the untreated waste water generated from the Medical College & Hospital into Muriki Kaluva which adjacent to the premises.

2. The HCF shall submit action plan for construction and commissioning of the FTP

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1. The HCF shall submit the action plan for development of Green Belt in the premises.

2. The HCF shall submit the details of trainings given to nursing staff for implementation of BMW Rules, 2016 regularly to the Board.

M/s. Oil India Limited (A Govt. of India Enterprises), Loc. 11, Exploratory Drilling of 1 well in Vasalarevu Village, Dangeru Mandal in NELP – II Block KG-ONN-2004/1 at East Godavari District.

M/s. Oil India Limited (A Govt of India Enterprises), is involved in the Drilling of On-shore well for production of Oil & Gas. The facility obtained EC from MoEF vide order No.J-110/11/618/2010-IA II (J), Dt.11.07.2012 for exploratory drilling of 6 wells in East Godavari District for production of Oil & Gas. The industry obtained CPE for drilling and production in 6 new onshore wells video order dated 06.10.2012. Industry also obtained CFO of the Board for operating 4 Nos. of exploratory drilling wells for oil & gas exploration onshore as below. The facility has applied for the renewal of CFO. As per the inspection report of the EE:RO - Kakinada the M/s. Oil India Limited has given the job work including pollution control during drilling operations to outside agencies. The facility uses water 20 KLD for process and 10 KLD for domestic purpose and generates 15 KLD for process and 5 KLD for domestic effluents. The process water is collected in HDPE lined pit and recycled for mud preparation and rig washings.

Recommendations:

After detailed discussions on the report of the EE: RO - Kainada and the agenda, the Committee recommended to issue CFO & HWA Order for a period of up to 31.03.2018 with necessary conditions.

M/s Sriven Environ technologies, Sy.No.277-1A, Dumpetla (Village), Dharmavaram (Mandal), Anantapur District.

M/s Sriven Environ technologies is operating a Common Bio Medical Waste Treatment Facility (CBMWTF) for collection and treatment of Bio-Medical waste from the Health Care Facilities (HCF’s) from Anantapuram and YSR Kadapa Districts and obtained CFO & BMWA order of the Board vide order dated 09.02.2016 with installed capacities of incinerator – 150 Kgs/hr. The CFO is valid up to 31.10.2016. The issue was placed in the CFO committee meeting held on 31.01.2017, after detailed discussions on the report of the EE, RO : Kurnool and the agenda, the Committee deferred the issue and directed the facility to submit the compliance to the above conditions and then approach the Board for renewal. The industry submitted the compliance report on 12.04.2017 and requested to issue CFO,HWA & BMW Authorization Order. The representative of the industry attended the meeting and informed that majority of the CFO condition is being complied i.e. Provided scrubbers for control of incineration emissions. Provided online stack emission analyser and control connected CPCB website. Provided water meters at inlet and outlet of ETP. Provided data logger with printing arrangement to the autoclave and also obtained TSDF membership for disposal of incineration Ash.

The committee also noted that the facility is a respondent in the Appeal.No.131 of 2016 filed by M/S. A.W.M Consulting Ltd., Sy.No.65/3, Narlapala (V & M) Anantapur District Hon’ble National Green Tribunal (NGT), Southern Zone, Chennai and the Case is pending.

Recommendations:

After detailed discussions on the report of the EE, RO : Kurnool and the agenda, the Committee recommended to issue CFO,HWA & BMW Authorization Order for a period upto six months i.e. upto 31.10.2017 to this Common Bio-Medical Waste Treatment & Disposal Facility (CBMWTF) for collection and treatment of Bio-Medical waste from the

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Health Care Establishments (HCEs) from Anantapuram District and place the issue for review before the CFO Committee.

The facility shall temporarily for collection and treatment of Bio-Medical waste from the Health Care Facilities (HCFs) in YSR Kadapa Districts and is subject to the outcome of the Judgement in Appeal No.131 of 2016 filed in the Hon’ble National Green Tribunal (NGT), Southern Zone, Chennai.

VIJAYAWADA ZONE

11 M/s. Ever Health Life Sciences Private Limited, Plot No: 408 & 419, Industrial Growth Center, Gundlapalli (V), Maddipadu (M), Prakasam District (Through Single Desk Portal)

M/s. Ever Health Life Sciences Private Limited, Prakasam District is involved in the Manufacturing of Bulk Drugs. The industry earlier obtained CFO&HWA of the Board dated 01.03.2016 which was valid upto 31.01.2017. Now the industry applied for Renewal of CFO&HWA of the Board for a period of five years i.e., upto 31.01.2022 through Single Desk Portal. The permissible approval date is 27.04.2017.

The industry representatives attended the meeting and submitted to the Committee that below ground level effluent tanks dismantled; installed VOC meter; presently operating at 10-30% production capacity only except in March, 2017 at 70-80%, now segregation of effluents into HTDS, LTDS being done; installed web camera and connected to the CPCB website and experiencing net connectivity related problems being village area; additional green belt will be developed by December, 2017. The committee also reviewed the effluent samples results collected from the industry and compliance status with respect to Task force directions.

Recommendations:

After detailed discussions on the agenda, RO report and industry submissions, the Committee recommended to issue Renewal of CFO&HWA of the Board with validity upto 31.10.2017 only though paid fee upto 31.01.2022 based on the compliance status duly stipulating the following additional conditions along with other conditions.

1. The industry shall comply with task force directions.
2. The industry shall manufacture permitted products within the consented quantities.
3. The industry shall obtain CFE for 1.5 TPH coal fired boiler.
4. The industry shall have PLI policy with (Environment Relief Fund) ERF contribution.
5. The industry shall properly segregate the HTDS and LTDS effluents and treat the same.
6. The industry shall provide containers detoxification facility within 2 months and report compliance to RO: Nellore. 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.
7. The industry shall dismantle the 15 KL capacity below ground level tank and provide above ground level collection tanks or provide tank in tank system for effluent collections system immediately and report compliance to RO: Nellore.
8. The industry shall regularly operate the ETP with primary and secondary treatment followed by RO system for treatment of LTDS effluents and stripper, MEE & ATFD for treatment of HTDS effluents and shall maintain zero liquid discharge system and report compliance to RO: Nellore.
9. The industry shall maintain flow meters preferably Electro Magnetic flow meters with totalizers for water and effluent quantity measurements for different streams of effluents and different categories of water usage stipulated in this order with In 2 months and report compliance to RO: Nellore.

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The committee recommended to review the compliance status of the conditions and directions issued to the industry after 6 months to take decisions and the extension of CFO validity. The RO: Nellore may be directed to submit a detailed report.

M/s. SBQ Steels Ltd., (Unit 1 & II), Ankalapur Village, Chillakur Mandal, SPSR Nellore District (Through Single Desk Portal)

M/s. SBQ Steels Ltd., (Unit 1 & II), SPSR Nellore District is an Integrated steel plant - Captive power plant, DRI Plant, Rolling Mill & Steel Melting Shop. The industry earlier obtained CFOs of the Board as follows:

<table>
<thead>
<tr>
<th>Date of CFO Order</th>
<th>Validity Date</th>
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<tbody>
<tr>
<td>Captive power plant</td>
<td>27.11.2017</td>
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<tr>
<td>DRI Kilns 1 &amp; 2</td>
<td>24.08.2015</td>
</tr>
<tr>
<td>SMS</td>
<td>07.09.2012</td>
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<tr>
<td>Rolling Mill</td>
<td>07.09.2012</td>
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</tbody>
</table>

Now the industry applied for Combined CFO renewal duly Renewing the CFO of the Board for Captive Power, DRI 1 & 2, Rolling Mill, SMS and Fresh CFO of the Board for DRI 3 & 4 through Single Desk Portal. The permissible approval date is 28.04.2017.

The industry representatives attended the meeting and submitted to the Committee that online systems are connected to CPCB and APPCB websites and experiencing problems with net connectivity due to local issues; energy meters are provided to the pollution control systems; coal shed for storage is completed; stored dolomitic is disposed; interlocking system between the air pollution control equipments and the process is provided; green belt is being developed and additional development will be taken up in this monsoon; TF directions being complied; internal roads will be completed by this year end.

Recommendations:

The Committee noted that the industry is having different units with different CFO validity periods. The industry now submitted for a combined CFO renewal order. It is not clear about the validity period for which the consent fee is paid.

After detailed discussions on the agenda, RO report and industry submissions, the Committee recommended to issue Renewal of CFO & HWA of the Board after obtaining clarifications from the industry and the RO: Nellore on fee paid and the renewal period subject to the following additional conditions:

Captive Power Plant:

1. The industry shall provide CC/BT roads within the industry premises for internal transportation to control fugitive dust emission by December, 2017 as committed in the CFO meeting and report compliance to RO: Nellore.
2. The industry shall maintain good housekeeping in the plant premises.
3. The industry shall dispose the stored MBF slag in 3 months and report compliance to RO: Nellore.
4. The industry has to maintain energy meters to the air pollution control equipment. The industry shall maintain separate power consumption record pertaining to pollution control equipment.

DRI Plant 1 & 2:

1. The industry shall store the raw material and by products in closed sheds only.
2. The industry shall obtain CFE for coal crushers.
3. Open storage of Char and Dolomitic should be avoided.

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4. The industry should provide bitumen / concrete internal roads for movement of raw materials and products by December, 2017 as committed in the CFO meeting.

5. The industry shall provide activation recorder for emergency cap of After Burner Chamber and report the compliance to EE, RO: Nellore for every six months.

6. The industry should lay metal roads on both sides of rotary kiln, near coal crusher and intermediate bin by December, 2017 as committed in the CFO meeting.

7. The industry shall provide and maintain interlocking system between the air pollution control equipments and the process with analog system, so that the feeding to the process stops in case the air pollution control equipment fails.

8. The industry should install and commission online monitoring station for stack and AAQ in consultation with RO: Nellore and connect the same to the Board.

9. The industry shall comply with Task Force directions.

13 M/s. DRA Industries Ltd., Sy. Nos.76 (P), 77, 78 (P), 79 to 81, 82(P), 84(P), 90 to 93, 94(P), 95(P), 101(P) to 104(P) Attivaram (V), Ozili (M), SPSR Nellore District (Through Single Desk Portal)

M/s. DRA Industries Ltd., SPSR Nellore District is involved in the Manufacturing of MS / SS Billets. The industry earlier obtained CFO of the Board dated 10.03.2015 which was valid upto 31.03.2017. Now the industry applied for Renewal of CFO of the Board for a period upto 31.03.2022 through Single Desk Portal. The permissible approval date is 28.04.2017.

The industry representatives attended the meeting and submitted to the Committee that they installed online monitoring systems but not connected to the website due to internet connectivity problems in the area; they developed green belt and submitted photos; waste water discharges from soak pits only; paid cess amount recently; provided energy meter and MDSS system; provided section wise water meters; they are storing slag in the sheds only.

Recommendations:

After detailed discussions on the agenda, RO report and industry submissions, the Committee recommended to issue Renewal of CFO&HWA of the Board with validity upto 31.03.2022 duly stipulating the following additional conditions along with other conditions.

1. The industry shall conduct proper analysis of scrap through a concerned agency as to content of oil, paints, etc., and report shall be submitted to RO: Nellore.

2. The industry shall install 3 AAQMs and one CAAQM station in consultation with RO: Nellore within 3 months.

3. The online stack monitoring system provided to the induction furnace shall be connected to the website of APPCB immediately for display of monitoring data.

4. The industry shall install roof top extraction system to the Induction furnace to control fugitive emissions within 3 months and report the compliance to RO: Nellore.

5. The industry shall provide bag filter for induction furnace as per EC Order dt.13.02.2009 within 3 months.

6. The industry shall maintain mechanical dust separation system at storage yard and other dust generation points.

7. The industry shall submit water meter readings in the water cess returns to be filed to the Board.

8. The industry shall maintain interlocking system for air pollution control equipments provided for furnace with raw material feeding system so that the feeding of raw material would be stopped in case the air pollution control equipments fails.

9. The industry shall maintain thick greenbelt (at least in 35 acres) within the plant premises
as stipulated in CFE order. The green belt shall be developed & maintained by the industry with tall growing trees in an area of at least 33% of total area.

10. The industry shall maintain separate energy meter for air pollution control equipment and maintain the records of the same.

<table>
<thead>
<tr>
<th>14</th>
<th>M/s. Bharat Petroleum Corporation Limited, (Ongole Depot), Sy.Nos.549 (P), 550,551(P),552(P),554 (P), &amp;555, Surareddy palem (V), Tangutur (M), Prakasam District (Through Single Desk Portal)</th>
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<tr>
<td></td>
<td><strong>Recommendations:</strong></td>
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<td>After detailed discussions on the agenda and RO report, the Committee recommended to issue Renewal of CFO&amp;HWA of the Board with validity upto 28.02.2022 duly stipulating the following additional conditions along with other conditions.</td>
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<tr>
<td></td>
<td>1. The industry should obtain CFE of the Board for the newly established ethanol tanks.</td>
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<tr>
<td></td>
<td>2. The industry shall develop green belt all along the periphery.</td>
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<tr>
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<td>The additional D.G. sets installed by the industry may be duly included in the Renewal of CFO order.</td>
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<thead>
<tr>
<th>15</th>
<th>M/s. Nutra Specialties Pvt. Ltd., Sy. No.69, Chandrapadiya (V), Vinjamur (M), SPSR Nellore District (Through Single Desk Portal)</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>M/s. Nutra Specialties Pvt. Ltd., SPSR Nellore District is involved in the Manufacturing of Bulk Drugs. The industry earlier obtained CFO of the Board on November, 2016 which is valid upto 31.05.2021. The industry obtained CFE of the Board for change of product mix on 08.02.2017. Now the industry applied for CFO of the Board for Change of product mix for a period upto 31.03.2021 through Single Desk Portal. The permissible approval date is 12.05.2017.</td>
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<td><strong>Recommendations:</strong></td>
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<td></td>
<td>After detailed discussions on the agenda and RO report, the Committee recommended to issue CFO&amp;HWA of the Board for change of product mix with validity upto 31.03.2021 duly stipulating the following additional conditions along with other conditions.</td>
</tr>
<tr>
<td></td>
<td>1. The industry shall install New RO Plant &amp; ATFD to cater the needs of waste water generated at full consented production capacity to meet ZLD within 2 months and report compliance to RO: Nellore.</td>
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<td>2. The industry shall provide water meters at inlet &amp; outlet of RO Plant &amp; ETP.</td>
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<td>3. The industry shall maintain VOC monitoring system with auto recording facility.</td>
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<td>4. The industry shall send the used / spent solvents to the recyclers (or) process them at their own solvent recovery facility within the premises.</td>
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<td>5. All the solvent storage tanks shall be connected with vent condensers to prevent solvent vapours.</td>
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<td>6. Green belt shall be maintained all along the boundary &amp; vacant spaces with tall growing trees with good canopy and it shall not be less than 33% of the total area.</td>
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<td>7. The industry shall comply with Task force directions.</td>
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<tr>
<th>16</th>
<th>M/s. My Home Industries Limited (Lime Stone Mine), Sy. No. 271 (P), 272 (P), 273 (P), 274</th>
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M/s. My Home Industries Limited (Lime Stone Mine), Guntur District is involved in the Mining of Lime Stone. The industry obtained CFE of the Board for Mining of Lime Stone on 20.09.2016. Now the industry has applied for 1st CFO of the Board for a period of one year through Single Desk Portal. The permissible approval date is 04.05.2017.

Recommendations:

After detailed discussions on the agenda and RO report, the Committee recommended to issue CFO&HWA of the Board with validity upto 31.03.2018 duly stipulating the following additional conditions along with other conditions.

1. The industry shall ensure that no natural water course viz, Naguleru shall be obstructed due to any mining operations. Buffer zone of adequate width shall be maintained between Naguleru and active mine area.

2. The proponent shall comply with the following for controlling noise emissions
   - Machineries shall be properly maintained to prevent undesirable noise. Attention shall be paid towards rigorous maintenance of the silencers of diesel engines.
   - Surface drilling and blasting operations shall not be carried out at night.
   - The drilling shall be done with sharp drill bits to reduce generation of noise during drilling.
   - Controlled blasting with optimum charge per hole shall be practiced to reduce generation of noise.
   - Hydraulic rock breaker shall be used in lieu of secondary blasting.
   - Drill machine operators and dumper drivers shall be equipped with earplugs and earmuffs. The duty hours of operators working near the machinery shall be regulated to keep their noise exposure levels within limits.
   - Periodical monitoring of noise level of mining machines and at some locations in the mining site shall be done with the help of noise level meter.

3. The proponent shall develop green belt of width 7.5 m all along the boundary of the mine lease area on OB dumps, along the roads etc., by planting the native species in consultation with the local DFO during entire life of the mine.

4. Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, inter burden and mineral dumps to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, greenbelt development, etc. The drains shall be regularly desilted, particularly after monsoon and maintained properly.

5. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and inter burden dumps and sump capacity shall be provided. Sump capacity with adequate retention period to allow proper settling of silt material should also be provided. Sedimentation pits should be constructed at the corners of the garland drains and desilted at regular intervals.

6. The proponent has to provide a trench for storm water draining from the mine lease area to aid in preventing the sedimentation of silt and avoid siltation at the discharge end of check dams.

7. Ambient air quality monitoring stations shall be provided in core and buffer zone in down windward direction in consultation with concerned Regional Officer of APPCB for monitoring of PM2.5, PM10, SO2, NOx. The consolidated report of the same shall be
17 M/s. Rajasekhara Labs, Plot No. 27 B-1, IDA, Kondapalli (V), Ibrahimpatnam (M), Krishna District

M/s. Rajasekhara Labs, Krishna District is involved in the Manufacturing of Bulk Drugs. The industry obtained CFE Order dated 27.05.2015. The industry applied for CFO&HWA (fresh) of the Board and the issue was placed in the CFO Committee Meeting held on 31.01.2017. The CFO was rejected for second time duly communicating the reasons. The industry later submitted representation requesting to reconsider the CFO application stating that they established a 100 liters pilot setup to produce any of the two products mentioned in the CFE and EC orders in smaller capacity i.e. 4.17 kg/day each.

The industry representative attended the meeting and submitted to the committee that he proposed to take-up pilot scale/ laboratory scale operations initially before commencing regular production. The present infrastructure is adequate for pilot scale/ laboratory scale operations to manufacture 4.17 kg/day.

Recommendations:

After detailed discussions on the agenda, RO report and industry submissions, the Committee recommended the industry to apply CFO of the Board separately to take-up pilot scale/ laboratory scale operations.

18 M/s. Nelcast Ltd, IE, Gudur, SPSR Nellore District – Amendment to CFO order

M/s. Nelcast Ltd, IE, SPSR Nellore District is involved in the Manufacture of Ductile & Grey Iron Castings. The Board issued combined CFO&HWA Order to the industry on 09.03.2015 duly stipulating necessary standards and conditions with a validity period up to 31.12.2017 and further extended up to 31.12.2019. The industry requested Amendment to CFO order pertaining to the number of shot blasting machines in Unit - I & II for complying the Task Force directions of the Board in the Order No. 144/APPCB/UH-II/TF/VJA/2016-., dated 02.01.2017.

Recommendations:

After detailed discussions on the agenda and RO report, the Committee recommended to issue Amendment to CFO order pertaining to the number of shot blasting machines in Unit - I & II as per Task Force directions based on ZO: Vijayawada report.

HWM CASES

19 M/s. The KCP Limited (Cement Unit), Rama Krishnapuram, Muktyala (V), Jaggaiiahpet (M), Krishna District

M/s. The KCP Limited, (Cement Unit), Krishna District is involved in the production of clinker and cement. Now the industry submitted representation requesting to permit for usage of mixed hazardous waste of 15000 TPA from pharmaceutical industries consists of distillation residue, residue waste, spent catalyst, spent carbon, date expired medicines & discarded medicine for co-processing in the kiln.

The industry representative attended the meeting and submitted to the Committee that they have SOx, NOx analyzers; procure wastes from A.P. and Telangana states; taken safety measures; comply with CPCB and MoEF&CC co-processing guidelines and standards.

Recommendations:

After detailed discussions on the agenda, RO report and industry submissions, the Committee recommended to issue permission for co-processing of Hazardous waste based on CPCB permitted hazardous wastes. The industry shall also comply with the MoEF&CC notified standards [G.S.R. 497 (E). dated 10.05.2016] applicable for Cement Plant with co-processing of wastes. The industry shall obtain Amendment to the HWA authorization for
**MINUTES OF THE CFO COMMITTEE MEETING HELD ON 22.04.2017**

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<td>M/s. Amman-Try Sponge &amp; Power (P) Ltd. SPSR Nellore District is involved in the Manufacturing of M.S. Billets. The industry is having combined order of consent &amp; HWA with validity period up to 30.04.2018. Now the industry requested for issuing of authorization in Form-2 as per H&amp;OW (M&amp;TM) Rules, 2016 stating that Customs Department has not cleared the import of Iron &amp; Steel scrap which is imported by the industry to Chennai Port.</td>
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<td><strong>Recommendations:</strong></td>
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<td>After detailed discussions on the agenda and RO report, the Committee recommended to issue authorization as per H&amp;OW (M&amp;TM) Rules, 2016 duly stipulating the conditions.</td>
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<tr>
<th>21</th>
<th>M/s. Coromandel Paints Private Limited (Formerly known as Coromandel paints Ltd.) Sy. No. 204/1/2/3, Tukkultur (V), Nuzvid (M), Krishna District</th>
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<tr>
<td></td>
<td>M/s. Coromandel Paints Private Limited, Formerly known as Coromandel Paints Ltd., Krishna District is involved in the manufacturing of solvent based paints - 70 TPD, water based paints - 120 TPD and alkyd resins - 45 TPD. The industry earlier obtained CFO&amp;HWA of the Board with validity upto 30.04.2021. Now the industry submitted a representation requesting amendment of Authorization under HWM Rules for receiving &amp; reprocessing of damaged paints to the tune of 1218 KL/Tons Per Annum for reprocessing and repacking in the existing premises.</td>
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<td></td>
<td>The industry representative attended the meeting and submitted to the Committee that they are operating the unit at 62% against consented quantity; collects the material from the dealers and reprocessed for distribution and submitted that production will not increase the overall permitted capacities.</td>
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<td><strong>Recommendations:</strong></td>
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<tr>
<td></td>
<td>After detailed discussions on the agenda, RO report and industry submissions, the Committee recommended to issue Amendment to the Hazardous Waste Authorization for reprocessing of damaged paints.</td>
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**KURNOOL ZONE:**

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<tr>
<th>22</th>
<th>M/s. NSL Mining Resources India Private Limited, (Iron Ore beneficiation Plant), Sy. No.53/A, Veerayapalli, Muddavaram (V), Betamcherla (M), Kurnool District</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M/s. NSL Mining Resources India Private Limited is an Iron Ore beneficiation Plant The industry has applied for CFO &amp; HWA of the Board for operation of Beneficiation Plant to produce Beneficiated Iron Ore - 833.33 TPD for a period of 5 years i.e., from 03/2017 to 03/2022. The representative of the industry attended the meeting and informed the committee that they have provided water meters; will provide water sprinklers within 2 months; will provide garland drain as the level increases; started plantation and the balance will be done in next monsoon season.</td>
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<td><strong>Recommendations:</strong></td>
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<td></td>
<td>After detailed discussions, the Committee recommended to issue CFO &amp;HWA to the industry for a period of five years i.e., upto 31.03.2022 with the following conditions.</td>
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<tr>
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<td>1. The industry shall provide and maintain separate water meters for assessing the water consumption for makeup water, dust suppression, gardening, Domestic and Service requirement purposes and maintain records for the same.</td>
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<td>2. Height of iron ore stacks shall be maintained at less than 10 mtrs.</td>
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</table>
|    | 3. The industry has to provide water sprinkling arrangement within two months at the
material storage areas, loading and dispatch areas.
4. The industry shall construct garland drain and siltation ponds for the dump to arrest the flow of silt and sediments within three months.
5. Green belt of adequate width and density in minimum area of 1.62 Ha shall be developed along the boundary of the industry in the ensuing monsoon.
6. Greenbelt of atleast 15 mts width shall be developed all around the material storage and loading areas within the plant.

23 M/s. Sri Ramanjanehya Ispat Pvt Ltd, Sy.No.17A & B, 14 & 16A, Nemkal(V), Bommanhal(M), Anantapur District.

The industry is a Sponge Iron manufacturing unit. Obtained CFE vide Order dt.13.09.2011 for manufacture of Sponge Iron -66,000 TPA (or) 200 TPD, Captive Power Plant - 8 MW (4 MW-WHRB+4MW-AFBC). The industry has not established CPP and applied for CFO & HWA of the Board for the first time to produce Sponge Iron -66,000 TPA for a period of Five years i.e, from 01.04.2012 to 31.03.2017. Further the proponent proposed to pay the CFO fee for further period of 5 years. Hence, the CFO may be renewed upto 31.03.2022 subject to payment of CFO fee. The representatives of the Industry attended the meeting and informed the committee that water meters will be installed after completion of pipeline works; installation of ESP will be completed within 20 days; interlocking system will be provided; maintenance and repair works of bag filters provided at Iron ore circuit, coal circuit are completed and are in working condition; separate energy meters for the operation of the APCE will be provided along with ESP installation works; Greenbelt will be developed as per CFE norms.

Recommendations:
After detailed discussions, the Committee recommended to issue CFO &HWA to the industry for a period upto 31.03.2022 with the following conditions and subject to payment of CFO fee.
1. Water meters for the assessing the water consumption for cooling make up, dust suppression & Domestic purposes.
2. Interlocking system to the kilns such that the raw material feeding to the kilns would be stopped in case of the emission level exceeds the limit or ESP fails.
3. Stack monitoring provision with platform to carryout stack monitoring to the stack attached to kiln.
4. The bag filters provided at Iron ore circuit, coal circuit shall be in working condition.

24 M/s. Prakash Ferrous Industries Pvt. Ltd., Sy. No.1 to 12 & 27/P o Urandur Gram Panchayath, Srikalahasti (M), Chittoor District.

M/s. Prakash Ferrous Industries Pvt. Ltd, applied for renewal of CFO & HWA for operation of Induction furnace division to produce MS Billets in addition to the existing Re-rolling Mill in the premises. Now the industry applied for CFO & HWA for operation Induction Furnace division to produce MS Billets - 7200 MT/Month for a period of Five years i.e., upto 21.03.2022. The representative of the Industry attended the meeting and informed the committee that they need time to provide interlocking system; provided concrete roads; AAQM station will be provided in 1 month; green belt is being developed in phases.

Recommendations:
After detailed discussions, the Committee recommended to issue CFO &HWA to the industry for a period of five years i.e., upto 21.03.2022 with the following conditions.
1. As per CFE order dt.06.03.2012, industry has to develop greenbelt of 33% of the total project area i.e.is 26.73 Acres. It was reported that the industry has developed green belt in an area of about 21 Acres and has to develop greenbelt in an area of about 6 acres to
MINUTES OF THE CFO COMMITTEE MEETING HELD ON 22.04.2017

achieve 33% of greenbelt.

2. As per the Task Force directions dt.16.02.2017 the industry shall provide interlocking system between the air pollution control equipment and raw material feeding system within 3 months. But the industry has not provided interlocking system.

3. As per the Task Force directions dt.16.02.2017 the industry shall lay internal roads to control fugitive emissions within 3 months.

4. The industry shall maintain the internal concrete roads dust free.

5. The industry shall comply with the Task Force directions.

<table>
<thead>
<tr>
<th>25</th>
<th>M/s. Avanthi Leathers Ltd., Varadaiapalem, Chittoor District (CFO Auto Renewal)</th>
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</thead>
<tbody>
<tr>
<td>M/s. Avanthi Leathers Ltd., is a Leather Tanning industry. The previous Consent of the industry is validity upto 31.03.2017. The industry has applied for renewal of CFO&amp; HWA for a period of five years i.e., upto 31.03.2022 through the Scheme of Green Channel (Auto Renewal System).</td>
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<tr>
<td><strong>Recommendations:</strong></td>
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<tr>
<td>After detailed discussions, the Committee recommended to issue CFO &amp;HWA to the industry for a period of five years i.e., unto 31.03.2022.</td>
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<tr>
<th>26</th>
<th>M/s. Bharat Petroleum Corporation Limited, (LPG Filling Plant), NH-7, Lakshmipuram (V), Kallur (M), Kurnool District. (CFO Auto Renewal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M/s. Bharat Petroleum Corporation Limited, (LPG Filling Plant) is engaged in storage and bottling of LPG. The previous Consent of the industry is valid upto 31.03.2017. The industry has applied for renewal of CFO&amp; HWA for a period of five years i.e., unto 31.03.2022 through the Scheme of Green Channel (Auto Renewal System).</td>
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<tr>
<td><strong>Recommendations:</strong></td>
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<tr>
<td>After detailed discussions, the Committee recommended to issue CFO &amp;HWA to the industry for a period of five years i.e., unto 31.03.2022.</td>
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<tr>
<th>27</th>
<th>M/s. Hindustan Petroleum Corporation Pvt. Ltd., Sy. No.312-1B, 313-2, 314-2A, Taticherla (V), Anantapur (M) and 291-1, 292-2, 293-B, 293-1C, 293-1D, 1E, 1F, 1G, 1H, 1I, 1J, 1K, 294-2A, 1A and 295-1A of Podrala (V), Bukkarayasamudram (M), Anantapur District. (CFO Auto Renewal)</th>
</tr>
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<tbody>
<tr>
<td>M/s. Hindustan Petroleum Corporation Pvt. Ltd is engaged in storage and bottling of LPG. The previous Consent of the industry is valid upto 31.03.2017. The industry has applied for renewal of CFO&amp; HWA for a period of five years i.e., unto 31.03.2022 through the Scheme of Green Channel (Auto Renewal System).</td>
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<tr>
<td><strong>Recommendations:</strong></td>
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<tr>
<td>After detailed discussions, the Committee recommended to issue CFO &amp;HWA to the industry for a period of five years i.e., unto 31.03.2022.</td>
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**RATIFICATION CASES**

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<tr>
<th>28</th>
<th>M/s. Safenviron (Unit - II), Dharmavarapadu Thanda (V), Jaggaihpet (M). Krishna District - Auto Renewal</th>
</tr>
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<tbody>
<tr>
<td>The industry is having CFO of the Board with validity upto 28.02.2017. The industry applied for CFO Renewal through Scheme of Green Channel for a period upto 28.02.2022. The CFO was renewed under Auto renewal Scheme upto 28.02.2022.</td>
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<td><strong>Recommendations:</strong></td>
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<tr>
<td>The committee noted and ratified the Renewal of CFO&amp;HWA to the industry for a period upto 28.02.2022 duly stipulating the conditions.</td>
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[Signature]
MEMBER SECRETARY