WHEREAS said licenses were issued with a provision for periods of 2 years and directing them to expire on 09.02.2017.

WHEREAS the Board issued vide its 4th Circular in Operation 1.01.2016 and 31.10.2016 respective dated 08.08.2018.

WHEREAS the Board issued vide its 3rd Circular dated 31.01.2014 for non-compliance of certain obligations.


WHEREAS vide ref. 8th cited, the EE, RO, Kurnool has furnished the inspection report as follows:

1. M/s Sree Rayalaseema Hi-Strength Hypo Limited, is having 04 units in Gondiparla (V), Kurnool (M), Kurnool District and Unit – I is engaged in manufacture of Calcium hypo chlorite, Sulphuric Acid etc., Unit - II is Hydrogen bottling unit, Unit – III is stable bleaching powder unit, Unit- IV is Sodium hydrate, Sodium Meth-oxide and power plant of 9 MW. All these units area located within an vicinity of about 0.5 Kms (max).

2. The industry generates high TDS effluents i.e., Lean Sodium Chloride solution of about 199 KLD from Unit -I and their sister units Unit – III, Unit - IV & Power plant and details of generation are as follows:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name &amp; Address of the Unit</th>
<th>Permitted Quantity of high TDS effluents as per Consent order</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>M/s Sree Rayalaseema Hi-Strength Hypo Limited, (Unit-I)</td>
<td>138</td>
</tr>
<tr>
<td>02</td>
<td>M/s Sree Rayalaseema Hi-Strength Hypo Limited, (Unit-III)</td>
<td>04</td>
</tr>
<tr>
<td>03</td>
<td>M/s Sree Rayalaseema Hi-Strength Hypo Limited, (Unit-IV)</td>
<td>07</td>
</tr>
<tr>
<td>04</td>
<td>M/s Sree Rayalaseema Hi-Strength Hypo Limited, (Power Plant)</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>Total effluent generation</td>
<td>199 KLD</td>
</tr>
</tbody>
</table>

3. At present, the industry is disposing the High TDS effluents in their existing ETP consisting of treatment units i) collection tank (02 No's of capacity 100 KL each) ii) Settling tank (02 No's of capacity 200 KL each), iii) pumping tank (01 No's of capacity 50 KL each), iv) De-chlorination plant of capacity – 10M³/hr, (v) Stripper & Multiple Effect Evaporator of capacity – 10 M³/hour followed by Agitated thin film drier (ATFD) of capacity 250 Kgs/hour. The condensate from MEE and ATFD is being used for cooling tower makeup. The resultant salts are disposed to the secured land fill facility of their sister concern unit M/s. Rayalaseema Alkalis and Allied Chemicals Limited (M/s.SRAAC).

4. The industry proposes to temporarily store the effluents generated from their four units mentioned above in the 16 No's of unlined lagoons which are located in south – east direction from the M/s. SRHHL, Unit –I. The industry requested permission to store the effluents in the existing lagoons till the experiments are completed.

5. These 16 no's of lagoons having an average depth of about 0.5 to 0.6 Mtrs and surface area of about 38,000 M² all together with a total storage capacity of 20,000 KL. These lagoons are at a distance of about 0.8 Kms from the unit and the waste water is being pumped from their units to the lagoons through closed conveyance system.

WHEREAS legal hearing was conducted before the External Advisory Committee (Task Force) of A.P. Pollution Control Board in its meeting held on 08.08.2018. The representatives of the industry have attended the legal hearing. The committee noted that the industry is having ETP, MEE followed by ATFD for treatment of HTDS effluents. It was also noted that the industry was permitted to store effluent in 16 no. of lagoons in an emergency case while MEE is not in working condition. The Committee also noted that based on the request made by the industry to permit them to retain existing lagoons for one more year. The representative of the industry informed that they have installed Multiple Effect Evaporator followed by Agitated Thin Film Dryer to treat high TDS effluents. Further they are also in the process of recovery of products from high TDS effluents. Due to unforeseen incident happened they could not complete the recovery of products from high TDS effluents. They further informed that they will be able to complete the treatment of HTDS effluents in 6-8 months. They requested the Board to permit them to retain existing lagoons for one more year from 05.08.2018. The EE, RO, Kurnool has informed that the industry is disposing the High TDS effluents in their existing ETP consisting of treatment units i) collection tank (02 No's of capacity 100 KL each) ii) Settling tank (02 No's of capacity 200 KL each), iii) pumping tank (01 No's of capacity 50 KL each), iv) De-chlorination plant of capacity – 10M³/hr, (v) Stripper & Multiple Effect Evaporator of capacity – 10 M³/hour followed by Agitated thin film drier (ATFD) of capacity 250 Kgs/hour. The condensate from MEE and ATFD is being used for cooling tower makeup. The resultant salts are disposed to the secured land fill facility of their sister concern unit M/s. Rayalaseema Alkalis and Allied Chemicals Limited (M/s.SRAAC). The 16 no's of lagoons having an average depth of about 0.5 to 0.6 Mtrs and surface area of about 38,000 M² all together with a total storage capacity of 20,000 KL. These lagoons are at a distance of about 0.8 Kms and the waste water is being pumped from their units to the lagoons through closed conveyance pipe lines.
MEMBER SECRETARY
S/J

THE ORDER comes into effect from today i.e., 24/09/2018

Environmental

Amendment Act, 1987 without any further notice, in the interest of public health and

the public welfare. You should note that you violate any one of the conditions mentioned

above, you will be closed under Sec 37(y) of the Water (Prevention & Control of Pollution)

Act, 1974 and under Sec 31(2)(a) of Air (Prevention and Control of Pollution)

Act, 1987. The Board hereby issues following directions under Sec 33 of Water (Prevention

and Control of Pollution) Act, 1974:

1. The industry shall immediately comply the closure and shall discontinue the

same.

2. The industry shall strictly implement the closure and shall discontinue the

same.

3. The industry shall immediately comply the closure and shall discontinue the

same.

4. The industry shall ensure continuous compliance of the conditions stipulated in

the GPO & HWA order.

After detailed discussions, the Committee recommends to issue certain directions accordingly.