



State Level Environment Impact Assessment Authority (SEIAA)

Andhra Pradesh

Government of India

Ministry of Environment & Forests

A-3, Industrial Estate, Sanathnagar, Hyderabad- 500 018.

Order No. SEIAA/AP/W.G.49/2014 1120.

Dt:13-01-2015.

**Sub: SEIAA- The Andhra Sugars Ltd., Sy.No. 540, Venkatarayapuram Industrial Area Township, Tanuku (M), West Godavari District A.P -- Environmental Clearance for Expansion of Aspirin Plant - Issued -Reg.**

- I. This has a reference to your letter dated 30.10.2014 submitting final Environmental Impact Assessment (EIA) Report seeking Environmental Clearance for expansion of Aspirin Plant of M/s. **The Andhra Sugars Ltd** located at **Sy.No. 540, Venkatarayapuram Industrial Area Township, Tanuku (M), West Godavari District A.P.** The manufacturing capacity after expansion is as follows.

Products:

1. Salicylic Acid : 6900 kg/day
2. Aspirin : 6944 kg/day

By- Products:

1. Sodium Salicylate : 8049 kg/day ( Stage III Intermediate in manufacturing of Salicylic Acid)
2. Acetic Acid : 2378 kg/day (Stage II of Aspirin manufacturing)

- II. It is noted that the proposal is for expansion of manufacturing capacity of Salicylic Acid from 3132 kg/day to 6900 kg/day and Aspirin from 3000 kg/day to 6944 kg/day. Manufacturing of Salicylic Acid is by Kolbe Schmitt Process followed by Acetylating with acetic anhydride. Manufacturing of Aspirin involves reaction between Salicylic Acid and Acetic Anhydride.
- III. The source of fresh water is canal water. Fresh water requirement will be increased from 93 KLD to 156 KLD. Effluent generation will be increased from 66 KLD to 153.2 KLD. It is proposed to treat 20 KLD of HTDS process effluents by MEE, 48.7 KLD of Salicylic Acid process LTDS effluents by RO system and rejects of RO through MEE, 51.5 kld of Aspirin process LTDS effluents through biological treatment system with a provision to reuse treated effluents for Bio- Composting/ Gardening, 18 KLD of Cooling Tower Blow downs by Ro System and rejects of RO through MEE and 15 KLD of domestic effluents through biological treatment system with a provision to reuse treated effluents for Gardening .
- IV. The industry generates 39 TPA of Activated Carbon, 500 TPA of Evaporation Salts and 6TPA of ETP Sludge after expansion. Solid waste is proposed to send to TSDF/ Cement Industries.
- V. The proposal has been examined and processed in accordance with EIA Notification, 2006. The State Level Expert Appraisal Committee (SEAC) examined the proposal in its meeting held on 15.12.2014. The Committee considered the project and recommended for issue of Environmental Clearance. The State Level Environment Impact Assessment Authority (SEIAA) in its meeting held on 30.12.2014 & 31.12.2014 examined the proposal and the recommendations of the SEAC and decided to issue Environmental Clearance for expansion project. The SEIAA, A.P hereby **accords prior Environmental Clearance** for expansion of the Project as mentioned at Para No. I under the provisions of the EIA Notification 2006 and its subsequent amendments issued under Environment (Protection) Act, 1986 subject to implementation of the following conditions/safeguards:

## PART – A: SPECIFIC CONDITIONS

- i. Shall take adequate and appropriate measures to control odor including providing of two stage scrubbers.
- ii. Shall treat the HTDS effluents of 71KLD through MEE system and condensate shall be re-used for cooling tower make-up after compliance with norms..
- iii. shall treat LTDS effluents of 118.2 KLD by RO system and the rejects from RO shall further be treated in ME system. Permeate to be used for cooling tower make-up.
- iv. MEE salts shall be disposed at TSDF duly following manifest system.
- v. shall provide mass flow meter with recording facility to record the consumption of steam used for MEE operation.
- vi. shall provide tamper proof non-adjustable electro magnetic digital flow meters at inlet to RO plant, outlet to RO plant to measure permeate & rejects, and at inlet to MEE.

## PART – B. GENERAL CONDITIONS

- i This order is valid for a period of 5 years.
- ii The environmental safeguards contained in the EIA –EMP Report should be implemented in letter and spirit.
- iii Consent for Establishment” shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act and shall meet the standards/ norms stipulated by the APPCB.
- iv The funds earmarked for environmental protection measures (Capital cost Rs.171.0 Lakhs and Recurring Cost Rs.165.0 lakhs per annum) should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the SEIAA and Ministry’s Regional Office located at Chennai.
- v The project proponent shall submit the copies of the environmental clearance to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt
- vi Officials from the Regional Office of MoEF, Chennai who would be monitoring the implementation of environmental safeguards should be given full co-operation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF should be forwarded to the CCF, Regional Office to MoEF, Chennai.
- vii The proponent shall submit half-yearly compliance reports in respect of the terms and conditions stipulated in this order & monitoring reports in hard and soft copies to the SEIAA and Ministry’s Regional office, Chennai on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
- viii In the case of any change (s) in the scope of the project, the project would require a fresh appraisal by this SEIAA.
- ix The SEIAA reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the Environment Clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- x All other statutory clearances shall be obtained, as applicable by project proponents from the competent authorities.
- xi The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Andhra Pradesh Pollution Control Board. The advertisement should be made within 7 days

from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Chennai.

- xii Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010
- xiii These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, The Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.

Sd/-  
MEMBER SECRETARY  
SEIAA, A.P.

Sd/-  
MEMBER  
SEIAA, A.P.

Sd/-  
CHAIRMAN,  
SEIAA, A.P.

To

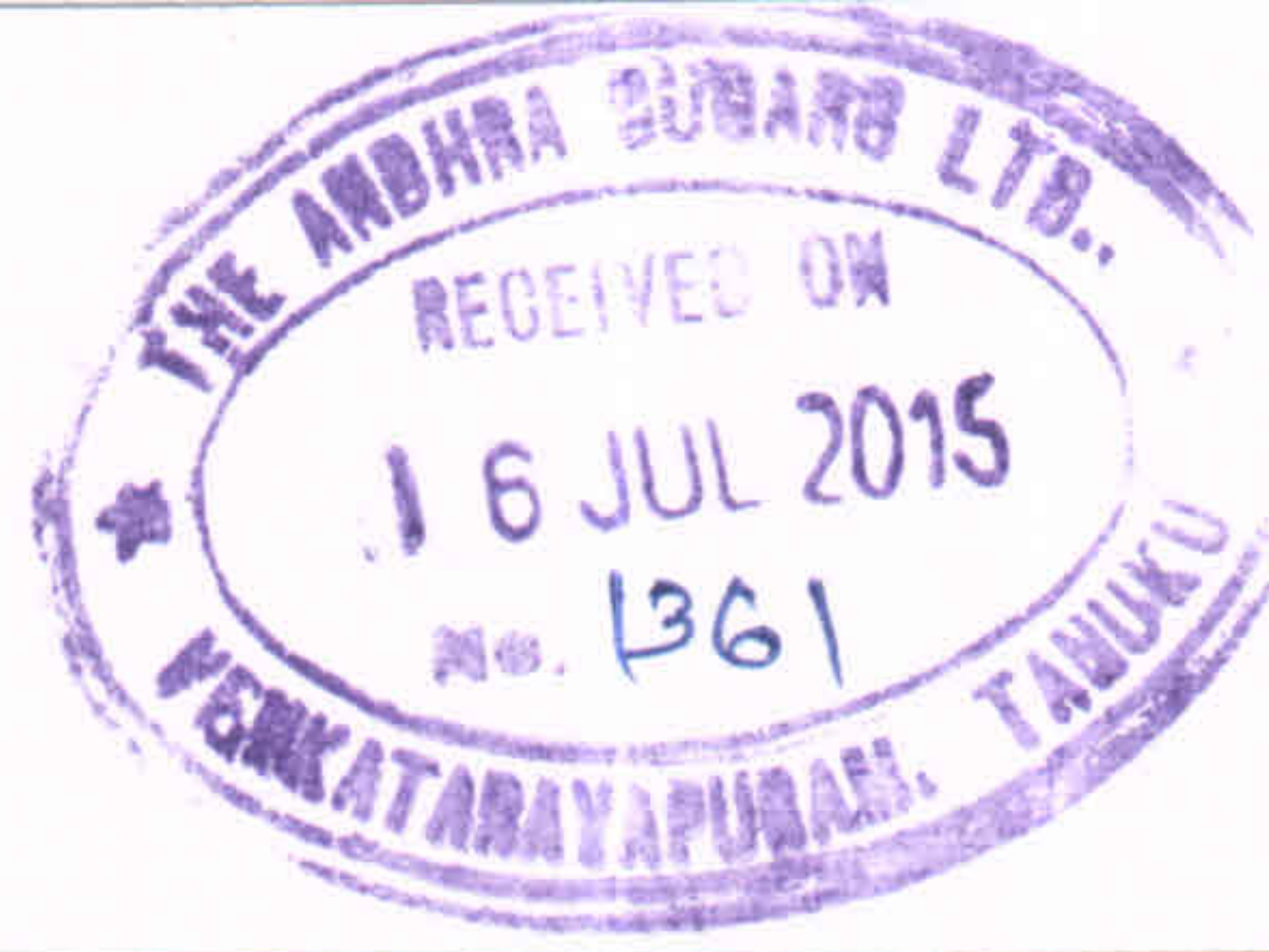
Sri G. Ranga Rao, Asst. G.M. Technical,  
M/s. The Andhra Sugars Ltd.,  
Sy.No. 540, Venkatarayapuram (V)- 534 215.  
Tanuku (M), West Godavari District.  
Ph: 08819-224911.

//T.C.F.B.O//  


MEMBER SECRETARY  
SEIAA, A.P.







DTDC  
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**State Level Environment Impact Assessment Authority (SEIAA)**  
**Andhra Pradesh**  
**Government of India**  
**Ministry of Environment Forests & Climate Change**  
A-3, Industrial Estate, Sanathnagar, Hyderabad- 500 018.

REGD.POST WITH ACK.DUE

Order No. SEIAA/AP/WG-19/2012-1120

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Dt: 04.04.2015

**Sub: SEIAA, A.P. - The Andhra Sugars Ltd., Sy.No. 540, Venkatarayapuram Industrial Area Township, Tanuku (M), West Godavari District – Amendment to Environmental Clearance – Issued -Reg.**

**Ref:** 1) Order No. SEIAA/AP/WG-19/2012-1120, dt. 13.01.2015.  
2) Proponent's lrs.dt. 04.02.2015.

- I. The SEIAA, A.P. issued EC vide reference 1<sup>st</sup> cited for Aspirin Plant in the name of The Andhra Sugars Ltd., Sy.No. 540, Venkatarayapuram Industrial Area Township, Tanuku (M), West Godavari District.
- II. The proponent vide reference 2<sup>nd</sup> cited requested the SEIAA to amend EC order by making corrections in EC as per the data submitted in EIA report.
- III. Accordingly, the request of the proponent was examined by the State level Expert Appraisal Committee (SEAC) in its meetings held on 18.03.2015. The represented of the Project Proponent has attended the meeting. The Committee has recommended for modifications as requested by the project proponent The State Level Environment Impact Assessment Authority (SEIAA), in its meeting held on 25.03.2015 examined the proposal and the recommendations of SEAC and decided to amend Environmental Clearance to the project as recommended by the SEAC. Hence, the following amendments are made to the EC orders issued vide reference 1<sup>st</sup> cited.

<i>S. No</i>	<i>Description</i>	<i>Mentioned in EC Order</i>	<i>Amended</i>
1	Paragraph IV: Evaporation salts	500 TPA	1150 TPA



2	Para A: Specific conditions Point No. ii: HTDS effluents	71 KLD	20 KLD
3	Para A: Specific conditions Point No. iii: LTDS effluents	118.2 KLD	Out of 118.2 KLD of LTDS effluents, 66.7 KLD of effluent shall be treated by RO system and the rejects from RO to be sent to MEE for further treatment. Permeate to be used for cooling towers make-up.  51.5 KLD of effluent shall be treated by Biological treatment. Treated effluent to be used for Bio-composting / Gardening.

IV. All other information mentioned and conditions stipulated in the EC order issued vide reference 1<sup>st</sup> cited remain the same.

Sd/-  
**MEMBER SECRETARY,  
SEIAA, A.P.**

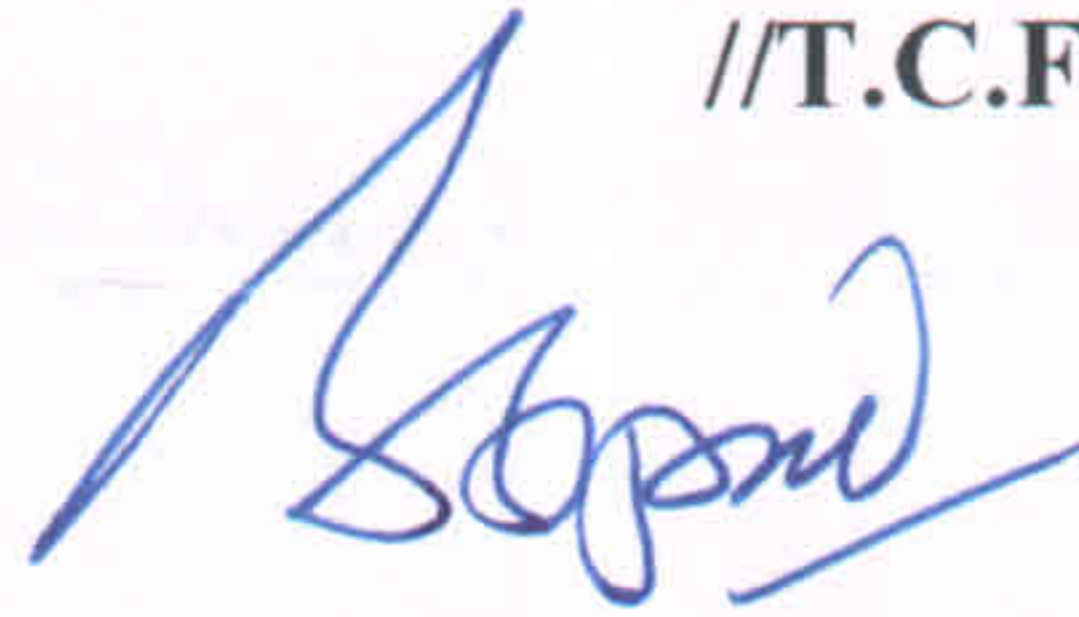
Sd/-  
**MEMBER,  
SEIAA, A.P.**

Sd/-  
**CHAIRMAN,  
SEIAA, A.P.**

To

M/s.The Andhra Sugars Ltd.,  
Sri.G.Ranga Rao,Asst.G.M. Technical,  
Sy.No. 540,Venkatarayapuram (V) - 534215  
Tanuku (M), West Godavari District  
Ph. 08819-224911.

//T.C.F.B.O//



**MEMBER SECRETARY  
SEIAA, A.P.**