



सत्यमेव जयते

**By Speed Post/Online**

**F. No. J-11011/273/2015-IA II(I)**  
**Government of India**  
**Ministry of Environment, Forest & Climate Change**  
**Impact Assessment Division**

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Indira Paryavaran Bhawan,  
Jai Wing, 3<sup>rd</sup> Floor, Allganj,  
Jor Bagh Road, New Delhi-110 003

Dated: 26<sup>th</sup> February, 2021

To,  
**M/s Arihant Sugar Industriess Limited,**  
Sy. No 37, Jainapur Village & Post,  
Taluka Chikodi, District Belagavi, Karnataka

**Sub: 30 KLPD Molasses based distillery plant along with 1 MW captive power plant by M/s Arihant Sugar Industriess Limited located at Sy. No 37, Jainapur Village & Post, Taluka: Chikodi, District Belagavi, Karnataka - Amendment in Environmental Clearance regarding.**

Sir,

This refers to your online proposal No. IA/KA/IND2/189231/2020 dated 22<sup>nd</sup> December, 2020 for amendment in the environmental clearance to the above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has considered the above proposal for amendment in the environmental clearance granted by the Ministry vide letter dated 22<sup>nd</sup> February, 2017 in favour of M/s Om Sugars Limited (Ministry has issued amended EC and earlier name of company M/s Om Sugars Limited has been transferred in the name of M/s. Arihant Sugar Industriess Limited vide dated 14<sup>th</sup> January, 2021), to the project 30 KLPD Molasses based distillery plant along with 1 MW captive power plant located at Sy. No 37, Jainapur Village & Post, Taluka: Chikodi, District Belagavi, Karnataka.

3. The project proponent has requested for amendment in the EC with the details are as under:

*[Handwritten signature]*

S r. N o.	Para of EC issued by MoEF &CC	Details as per the EC	To be Revised / Read as	Justifica tion/ reasons																																				
1	Page No. 1 Para 2	.....The distillery plant will be operated for a maximum of 270 days/ annum	The distillery plant will be operated for 330 Days/ annum.	Industry has participated in 'National Bio-fuel Policy' 2018. Now, it is decided to implement distillery with Spent wash Incineration for making ZLD project with 330 Days of operation. Hence, earlier Spent wash Bio-composting treatment with 270 Days as approved in previous EC is cancelled.																																				
2	Page No. 1 Para 2	In Product & By-product Table <table border="1"> <thead> <tr> <th>S.N</th> <th>Product list</th> <th>Capac ity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Rectified spirit/ENA/E thanol</td> <td>30 KLPD</td> </tr> <tr> <td>2</td> <td>Co-gen Power Plant</td> <td>1 MW</td> </tr> <tr> <td colspan="3">By product</td> </tr> <tr> <td>3</td> <td>CO<sub>2</sub></td> <td>22.8 TPD</td> </tr> <tr> <td>4</td> <td>Biomanure</td> <td>5400 TPA</td> </tr> <tr> <td>5</td> <td>Biogas</td> <td>430 m<sup>3</sup>/hr</td> </tr> </tbody> </table>	S.N		Product list	Capac ity	1	Rectified spirit/ENA/E thanol	30 KLPD	2	Co-gen Power Plant	1 MW	By product			3	CO <sub>2</sub>	22.8 TPD	4	Biomanure	5400 TPA	5	Biogas	430 m <sup>3</sup> /hr	In Product & By-product Table <table border="1"> <thead> <tr> <th>S.N</th> <th>Product list</th> <th>Capac ity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Rectified spirit/ENA/E thanol</td> <td>30 KLPD</td> </tr> <tr> <td>2</td> <td>Co-gen Power Plant</td> <td>1 MW</td> </tr> <tr> <td colspan="3">By product</td> </tr> <tr> <td>3</td> <td>CO<sub>2</sub></td> <td>22.8 TPD</td> </tr> </tbody> </table>	S.N	Product list	Capac ity	1	Rectified spirit/ENA/E thanol	30 KLPD	2	Co-gen Power Plant	1 MW	By product			3	CO <sub>2</sub>	22.8 TPD
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3	Page No. 2 Para 6	The Steam required for Proposed distillery project will be met from 10 TPH Bagasse fired boiler. ESP will be provided to the proposed Bagasse fired boiler as pollution control measures and will be connected with 30 M stack height.	The Steam required for Proposed distillery project will be met from 14 TPH Spent wash Incineration boiler. ESP will be provided to the proposed Incineration boiler as pollution control measures and will be connected with 45 M stack height.																																					
4	Page No. 2 Para 7	.....Spent wash will be treated Bio-digester followed by Multiple Effect Evaporator (MEE). The concentrated bio-methanated spent wash will be send to bio-composting by utilizing press mud	Spent wash will be concentrated in Multiple Effect Evaporator (MEE) followed by incineration in spent wash incineration boiler. Plant is based on the Zero Liquid Discharge Scheme. Yeast Sludge																																					

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		from the sugar plant. Plant is based on the Zero Liquid Discharge Scheme. Yeast Sludge will be bio-composted along with Bio-methanated evaporated spent wash. Boiler ash and sludge from the ETP will be used as manure.	will be incinerated in incineration boiler. Boiler ash to be forwarded for Brick making/ used in self ash briquettes manufacturing and sludge from the ETP will be used as manure.
5	Page No 3, Specific Condition 'i'	ESP shall be provided to the bagasse fired boiler to control particulate emissions within permissible limit.	ESP shall be provided to the spent wash incineration boiler to control particulate emissions within permissible limit.
6	Page No 3, Specific Condition 'iii'	.....The spent wash from molasses based distillery shall be treated through Bio digester followed by Multiple Effect Evaporator (MEE). The concentrated bio-methanated spent wash will be sent to bio-composting by utilizing the press mud from sugar plant.	The spent wash from molasses based distillery shall be concentrated in Multiple Effect Evaporator (MEE). The concentrated spent wash will be sent for incineration in incineration boiler.

4. The proposal was appraised by the Expert Appraisal Committee (Industry-2) in the Ministry in its meeting held on 18<sup>th</sup> - 19<sup>th</sup> January, 2021. The EAC, after detailed deliberations, recommended the amendment in EC as proposed by the project proponent. Based on recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords approval to the proposed amendments in the environmental clearance dated 22<sup>nd</sup> February, 2017 as stated in para 3 above, for the project 30 KLPD Molasses based distillery plant along with 1 MW captive power plant by M/s Arihant Sugar Industriess Limited located at Sy. No 37, Jainapur Village & Post, Taluka: Chikodi, District Belagavi, Karnataka.

5. The EAC during deliberations directed the PP to use coal as fuel only for startup of boiler during monsoon season and incineration boiler shall be operated with concentrated spent wash and bagasse as fuel.

6. All other terms and conditions stipulated in the environmental

*Final*

clearance dated 22<sup>nd</sup> February, 2017 shall remain unchanged.

7. This issues with approval of the competent authority.

*Ashok*  
26/02/2021  
**(Ashok Kr. Pateshwary)**  
Director

Copy to: -

1. The The Secretary, Department of Forest, Environment & Ecology, Government of Karnataka, Room No. 708, Gate 2, Multi Storey Building, Dr. Ambedkar Veedhi, **Bangalore** - 1
2. The Deputy DGF (C), MoEF&CC Regional Office (SZ), Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wings, 17<sup>th</sup> Main Road, Koramangala II Block, **Bangalore** - 34
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex East Arjun Nagar, **Delhi** - 32
4. The Member Secretary, Karnataka State Pollution Control Board, Parisara Bhavan, #49, 4<sup>th</sup>& 5<sup>th</sup> Floor, Church Street, **Bangalore** -1
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
6. The District Collector, District Belagavi, Karnataka
7. Guard File/Monitoring File/Parivesh portal/Record File

*Ashok*  
26/02/2021  
**(Ashok Kr. Pateshwary)**  
Director  
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Tel. No. 24695290