

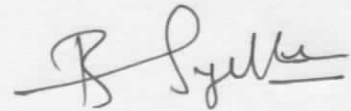
Office Note

Sub : Minutes of 3<sup>rd</sup> meeting of Technical Committee (2019-20) for assessment of application of under change in product-mix held on 27/11/2019 at 11.30 am at Kalpataru Point, 3<sup>rd</sup> Floor, Sion

Ref: : 1. Amendment to EIA notification no. S.O. 3518(E) dated 23rd November 2016  
2. Office Memorandum dated 16/6/2017  
3. Technical Committee meeting dated 27/11/2019

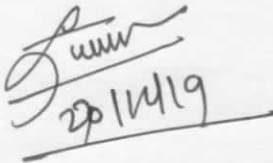
Submitted,

The Technical Committee meeting for assessment of application of under change in product-mix of the Board was held on 27/11/2019. Four agenda items were placed before the meeting and cases were presented by the unit. Accordingly, a minutes of the meeting prepared and same is placed for approval, please.



(R.K. Injulkar)  
Field Officer, AS(T) Section

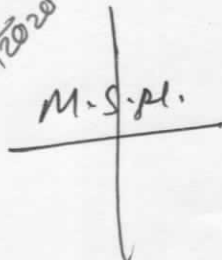
Regional Officer (HQ):



~~AS(T)~~ Approved.  
Rishabh  
27/12/19.

submitted for appraisal pl.

Recd on  
01/01/2020



sh/2020

Rishabh  
1/1/20

# MAHARASHTRA POLLUTION CONTROL BOARD



Minutes of 2nd meeting of Technical Committee (2019-20) for assessment of application of under change in product-mix held on 27/11/2019 at 11.30 am at Kalpataru Point, 3rd Floor, Sion.

The Technical Committee meeting for assessment of application of under change in product-mix of the Board was held on 11/10/20219. The following members of the Technical Committee were present for the meeting:

1. Shri P.K.Mirashe, Assistant Secretary (Tech), MPCB  
Chairman
2. Shri A. M. Pimpalkar, Scientist -1, Environment Dept, GoM  
Member
3. Dr. Tuhin Banerjee, NEERI  
Member
4. Shri N.N.Gurav, Regional Officer, HQ, MPCB  
Member convener

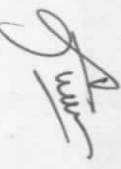
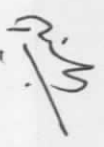
Shri Anurag Garg, Prof. IIT, Mumbai, Shri. Bharat Kumar Sharma, Regional Directorate, CPCB, Pune, Dr B.R.Naidu, Ex. Regional Directorate, CPCB and Dr. Prakash P. Wadgaonkar, Chief Scientist, NCL, Pune could not attend the meeting. Leave of absence was granted to them.

The Chairman of the Committee welcomed the Committee members and the minutes of the 2<sup>nd</sup> meeting of the Technical Committee (2019-20) were confirmed. Committee deliberated on the agenda items and following decisions were taken.

Sr. No.	Name of Industry	Recommendations
1	Bharat Petroleum Corporation Ltd. Refinery, Mahul Village, Chembur, Mumbai- 400 074 MPCB-CONSENT-0000079520	The project proponent presented the project for Amendment of existing Consent to Operate and after interaction with the PP, it was noted that, 1. Environmental Clearance was granted to the unit vide No. J-11011/21/2013-IA II(I) dated 13/8/2015 2. Consent to Operate granted vide No. Format 1.0/BO/CAC-Cell/UAN No. 0000071817/5th CAC- 1909000323 dated 13/9/2019 which is valid upto 31/8/2021. During discussion noticed that, the said unit is having more than two Environmental Clearance and the pollution load calculation calculated for the consented products only. Committee opined that,

Sr. No.	Name of Industry	Recommendations
2	<p>Olon Pharmaceutical Ingredients India Pvt. Ltd. Plot No. L-1, L-21, 22,23,24,25,26,27,28 &amp; 44 Addl. MIDC Mahad, raigad- 402301</p> <p>MPCB-CONSENT-0000081219</p>	<p>The project proponent presented the project for Amendment of existing Consent to Operate and after interaction with the PP, it was noted that,</p> <ol style="list-style-type: none"> <li>1. Environmental Clearance granted to the unit vide No. J-11012/126/94-IA.11(I) dated 24/10/2016</li> <li>2. Consent to Operate granted by Board vide No. Format 1.0/BO/CAC-Cell/EIC No.RD-3109-15/14<sup>th</sup> CAC/3316 dated 08/3/2016 which is valid upto 30/4/2020</li> </ol> <p>During discussion noticed that, the said unit is Environmental Clearance for mfg of Ramfipicin-125 TPA and applied quantity was 552 TPA which is higher than EC quantity. PP informed that, they have received letter from MoEF for exemption of EC for enhancing production quantity, however, the said letter couldn't produce before the committee.</p> <p>Considering the above, it was decided defer the case and submit the Environmental Clearance/exemption letter for applied quantity otherwise revisit the load calculation as per EC accorded and present before the committee.</p> <p>The project proponent presented the project for Amendment of existing Consent to Operate and after interaction with the PP, it was noted that,</p> <ol style="list-style-type: none"> <li>1. Environmental Clearance granted to the unit vide No. J-11011/48/2005-IA II (I) dated 05/4/2006</li> <li>2. Consent to Operate granted by Board vide No. Format 1.0/BO/CAC-Cell/UAN No. 0000042208/R/5<sup>th</sup> CAC-1811001387 dated 29/11/2018 valid up to 30/4/2023</li> </ol>
3	<p>CIPLA Ltd. Plot No. D-7/8, Kurkumbh MIDC, Tal- Daund, Dist- Pune-413 802</p> <p>MPCB-CONSENT-0000083451</p>	<p>The project proponent presented the project for Amendment of existing Consent to Operate and after interaction with the PP, it was noted that,</p> <ol style="list-style-type: none"> <li>1. Environmental Clearance granted to the unit vide No. J-11011/48/2005-IA II (I) dated 05/4/2006</li> <li>2. Consent to Operate granted by Board vide No. Format 1.0/BO/CAC-Cell/UAN No. 0000042208/R/5<sup>th</sup> CAC-1811001387 dated 29/11/2018 valid up to 30/4/2023</li> </ol>

Sr. No.	Name of Industry	Recommendations												
4	Privi Organics India Limited (Unit-II) Plot No. C-3,4,5,6,6/1,7,8,9,33/1, & X-9,10,11. MIDC Mahad, Raigad  MPCB-CONSENT-0000044750	<p>3. Existing consent &amp; Environmental Clearance was granted for 39 nos. of products. PP proposed to reduce the production quantity of Quetiapine Fumarate from 1.64 to 0.104 MT/A and proposed to introduce additional 04 products namely Arformaterole Tartarate-0.006 MT/A, Fluticasone Furoate-0.02 MT/A, Glycopyrolate-0.01 MT/A &amp; Bethanechol Chloride- 1.5 MT/A. The overall production quantity will be not be changed.</p> <p>4. There is lot of discrepancies in presented load calculations. Further, PP unable to show the stage wise reduction of COD//BOD in Effluent Treatment Plant.</p> <p>Finally, after due deliberations, it was decided to defer the case and was advised the PP to furnish information i.e. Detailed chemical reactions, mass balance, product wise pollution load alongwith unit-wise BOD- COD reduction in ETP.</p> <p>The case was discussed in the 1<sup>st</sup> Meeting of the Technical Committee-2019/20 dt 20.06.2019. However, PP has represented that, there is correction in the Minutes of Meeting as the product list given in the MoM of the Technical Committee does not match the product list produced during the presentation as per the ICT Certificate dt 18<sup>th</sup> June 2019. The representation made by the PP was studied with the product list given in the ICT Certificate and after due deliberations it was decided to amend the Minutes of Meeting dt 20.06.2019 as per the following:</p> <ol style="list-style-type: none"> <li>1. Environmental Clearance granted to the unit by SEAC (SEAC-2012/CR-243/TC-2) on 08/10/2015 for the production of various aroma chemicals with total capacity after expansion is 6141.80 TPM.</li> <li>2. PP has valid consent to operate from the Board dated 01.03.2017 valid till 28.02.2022 for 6141.84 TPM various aroma chemicals.</li> </ol> <p>The overall production quantity after product mix will be 6141.84 MT/M as against existing production quantity 6141.84 MT/M.</p> <table border="1" data-bbox="215 817 414 1937"> <thead> <tr> <th>No</th> <th>Product Name</th> <th>Existing Qty TPM(#)</th> <th>After product mix Qty TPM (*)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Isobornyl cyclohexanol (IBCH)</td> <td>51</td> <td>25</td> </tr> <tr> <td>2</td> <td>L/D- Carvone/Carvacrol</td> <td>50</td> <td>40</td> </tr> </tbody> </table>	No	Product Name	Existing Qty TPM(#)	After product mix Qty TPM (*)	1	Isobornyl cyclohexanol (IBCH)	51	25	2	L/D- Carvone/Carvacrol	50	40
No	Product Name	Existing Qty TPM(#)	After product mix Qty TPM (*)											
1	Isobornyl cyclohexanol (IBCH)	51	25											
2	L/D- Carvone/Carvacrol	50	40											

Sr. No.	Name of Industry	Recommendations		
3	Orange oil folds	12		6
4	D-Limonene	125		15
5	Myrcene	400		400
6	Alpha-Campholenic aldehyde	50		25
7	Floreal	80		10
8	D-Carvone	5		0
9	Dihydrocarvone	5		2
10	Carvomenthone / Menthone/Menthol	5		5
11	Nimberol	1		1
12	Dihydromyrcene	150		78
13	Sandal fleur & derivatives	20		20
14	Sandal Touch	5		2
15	Cital extra pure	30		30
16	Citronellal (CAL) OR	20		35
	Hydroxy Citronellal	0		
17	Cyclocitral (Alpha / Beta / Alpha & Beta mixture)	2		10
18	Isocitronellene & Isomer	30		30
19	Nitriles- Citronellyl nitrile/Geranyl Nitriles	30		50
20	Mixture of Terpenes and alcohol 5090	0		423
21	A-Pinene from CST	1611.66		1611.66
22	B-Pinene from CST	504.86		504.86
23	Limonene from CST	41.32		41.32
24	Mixed terpenes/Terpene biofuel from CST	774		774
	OR			
24	DDTO / Carene Varieties (20-99%)/Heavy fractions/Terpene Biofuel	679.15		679.15
25	DMS/DMDS/MSM/Mixed Sulphurs compounds	0		10
26	A-Pinene from GTO	537		537
27	B-Pinene from GTO	334		334
28	Methyl Pentenone (MPO)	0		15

Sr. No.	Name of Industry	Recommendations			
29	Amberfleur & its derivatives like Ammbergamma, Cedar Ketol	400	150		
30	MI for soap	1	1		
31	Violetone Coeur	2	2		
32	Timber Touch/Timber forte	5	5		
1	Electricity Generation	4 MW	4 MW		
2	Recovery of Concentrated Sulphuric acid	48 TPD	48 TPD		
33	<b>Esters - Product</b>				
33.01	Para Tertiary Butyl Cyclo Hexyl Acetate/PTBCH				
33.02	Ortho Tertiary Butyl Cyclohexyl acetate/OTBCH				
33.03	Styrallyl acetate				
33.04	Terpinyl acetate				
33.05	Citronellyl acetate				
33.06	Geranyl acetate/Neryl acetate				
33.07	Dimethyl Octanol acetate				
33.08	Isobornyl acetate				
33.09	Longifolene acetate				
33.1	Dipentene and its varieties /Dipentene Varieties Terpinolene Varieties from 20 to 99%/Cineols like 1,4 Cineol, 1,8 Cineol (Eucalyptol), Gamma Terpinene, LimonenePhellendrene, Mixture of Terpenes, Mixture of alcohols like Fenchyl alcohol, Borneols etc .	0			
33.11	Mixture of esters 4090	0			
34	<b>Alcohol - Product</b>				
34.01	Citronellol (COL)				
34.02	Geraniol/Nerol (GOL/NOL)	445	637		
34.03	Terpineol				
34.04	Dihydromyrcenol (DHMOL)				
34.05	Tetrahydromyrcenol (THMOL)				

Sr. No.	Name of Industry	Recommendations			
		34.06	Dimethyl Octanol (Tetrahydrogeraniol)		
		34.07	Damascone /Beta Isodamascol	7	7
		34.08	Terpinen-4-ol (4-TOL)	0	10
		35	Rose Oxide	3	3
		36	Nitriles – Geranyl Nitrite/Citronellyl Nitrite	10	0
		37	<b>Ionone- Product</b>		
		37.01	Gamma Methyl Ionone (GMI)		
		37.02	Normal Methyl Ionone (NMI)		
		37.03	Alpha-Ionone (AI) & Ionone 100%	50	90
		37.04	Beta Ionone (BI)		
		37.05	Gammanolene		
		37.06	Mixture of Ionones 1090	0	
		38	Geaniol Formate	5	1
		39	Citronellol Formate	5	1
		40	Camphene	1	1
		41	ISO Longifoline Ketone	1	1
		42	Prionyl/Privi Moss	10	10
		43	Rosaxanol/Rosepyran	10	5
		44	Muganol	6	1
		45	Super Sandal Core	2	2
		46	Hydrogen	15	15
			<b>Total</b>	<b>6141.84</b>	<b>6141.84</b>


(#) as per CTO dt 01.03.2017 (\*) as per ICT Certificate dt 18<sup>th</sup> June 2019  
The overall by product quantity will reduce from 3793.42 TPM to 3214.71 TPM as given ICT Certificate dt 18<sup>th</sup> June 2019.

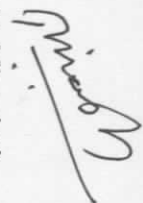
3. PP has submitted pollution load details as below.

- Water requirement reduced from 955.07 CMD to 954.94 TPM after proposed product mix.
- Effluent load reduced from 195 CMD to 194.10 CMD after proposed product mix.
- Organic load reduced from 887.28 kg/ day to 867.38 kg/ day. TDS load reduced from 1143.50 kg/ day to 1057.35 kg/ day.
- There will be no change Air emissions quantity after product mix.

Sr. No.	Name of Industry	Recommendations
		<p>v. There will be no change existing Hazardous waste quantity after product mix.</p> <p>Finally, after due deliberations, it was decided to make corrections in the minutes of the meeting and recommend the case for change in product under product mix with a condition to dispose the by-product as Hazardous Waste and shall comply the provision of HW Rules for sale/disposal of by-products. PP will do the changes in online application as per NPL certificate &amp; presentation in MPCB portal by providing online edit option and submit all the documents presented during presentation to Board office.</p>

The meeting ended with vote of thanks to Chair.

  
 (N.N. Gurav)  
 Regional Officer (HQ)  
 Member convener

  
 (P.K. Mirashe)  
 Asst. Secretary (Tech)  
 Chairman of Product Mix Committee