

MAHARASHTRA POLLUTION CONTROL BOARD



Minutes of 4th meeting of Technical Committee (2017-18) for assessment of application of under change in product-mix held on 17/02/2018 at 11.00 a.m. at Kalpataru Point, 3rd Floor, Sion.

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The Technical Committee meeting for assessment of application of under change in product-mix of the Board was held on 17/02/2018. The following members of the Technical Committee were present for the meeting:

1. Shri P.K.Mirashe, Assistant Secretary (Tech), MPCB	Chairman
2. Dr B.R.Naidu, Zonal Officer, CPCB, Vadodara	Member
3. Dr. Tuhin Banerjee, Scientist Fellow, NEERI, Mumbai	Member
4. Shri Anurag Garg, Associate Prof. IIT, Mumbai	Member
5. Dr. Prakash P. Wadgaonkar, Chief Scientist, NCL, Pune	Member
6. Prof. B.N.Thorat, HOD of Chemical Engineering , ICT, Mumbai	Member
7. Shri N.N.Gurav, Regional Officer, HQ, MPCB	Member convener

Dr. Prakash P. Wadgaonkar, Chief Scientist, NCL, Pune & Shri A. M. Pimpalkar, Scientist -1, Environment Dept, GoM could not attend the meeting. Leave of absence was granted to them. Prof. B.N.Thorat, HOD of Chemical Engineering , ICT, Mumbai resigned from the Technical Committee as a Member. His resignation was accepted by the Committee.

The Chairman of the Committee welcomed the Committee members and the minutes of the 3rd meeting of the Technical Committee (2017-18) were confirmed. Six agenda items were placed before the meeting. Committee deliberated on the agenda items and following decisions were taken.

Sr. No.	Name of Industry	Recommendations
1	M/s AMRI INDIA PVT. LTD G-1/1,1/2, MIDC WALUJ AURANGABAD 431136	PP gave presentation on amendment in existing consent for change in product-mix. After interaction with the PP, it was noted 1. PP was unable to show the proper mass balance of the existing as well as proposed products. 2. PP shown air emission load in terms of fugitive emissions and not shown individual gases emissions, due to which actual emission load & proposed emission load cannot be assessed. 3. Also NIPL certificate did not have any supporting calculations of each product i.e. existing as well as proposed products

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		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.
2	Godrej Agrovvet Pvt. Ltd. Plot No. E-24 Lote Parshurm, Tal- Khed, Dist-Ratnagiri	<p>PP gave presentation on amendment in existing consent for change in product-mix. After interaction with the PP, it was noted that, there is increase in pollution load compare to the existing pollution load. Hence, the application does not come under Product Mix purview.</p> <p>In view of above, it was decided to not to consider the case under product mix category and asked PP to apply for Environmental Clearance for proposed change in Products.</p>
3	Zydus Takeda Healthcare Pvt. Ltd. Plot No. C-4, TTC industrial Area, MIDC, Village Pawane, Taluka-Thane, District-Thane	<p>Committee noted that, industry has submitted the information/proposal for change in product-mix. The PP has given the presentation on material balance, water budgeting and pollution aspects due to proposed change in product-mix.</p> <p>After due deliberation, it was noted that proposal is for</p> <ol style="list-style-type: none"> a. Reduction of production quantity of 5 - Difluoro Methoxy - 2 Mercapto 1 H - Bazimidazole (KSM - 6) (55 MT/A to 45 MT/A), 2 - Chloromethyl - 3 - 4 - Dimethoxy Pyrimidine Chloride (KSM - 14) (55 MT/A to 45 MT/A) and Bamifylline (04 MT/A to 02 MT/A) b. Enhancement of production quantity of Urapidil (20 MT/A to 30 MT/A), Sulfametrole (2.5 MT/A to 7.5 MT/A), Lornoxicam (3 MT/A to 9 MT/A) and Alogliptin (10 MT/A to 13.7 MT/A) c. Production quantity of Pantoprazole Sodium (65 MT/A), Urapidil Hydrochloride (1.27 MT/A), Policlesulin (110 MT/A), Suxamethonium Chloride (04 MT/A), Aprindine (01 MT/A), Ethamivan (2.5 MT/A) and Podophyllotoxin (0.03 MT/A) remains unchanged. d. Removal of Midodrin Hydrochloride (0.6 MT/A), Warfarin Sodium (0.6 MT/A), Hexabendine (0.45 MT/A), Hexaprenaline (0.45 MT/A) and Distigmin Bromide (0.6 MT/A) <p>a. Overall total production quantity will be 336 MT/M (Existing- 336 MT/M)</p> <p>There is no increase in pollution load i.e effluent quantity, air emissions and hazardous waste.</p> <p>In the view of above, it was decided to recommend the case for change in product-mix and submit all the documents presented during presentation to Board office.</p>
4	Sharon Biomedicine Ltd. Plot No. L-6, MIDC Taloja, Dist-Raigad	PP gave presentation on amendment in existing consent for change in product-mix. After interaction with the PP, it was noted

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		<p>1. PP was not able to convince the committee about product-mix and was unable to show the proper mass balance of the proposed products and proper water budget. Also, PP unable to show existing pollution load.</p> <p>2. Also the presentation lacked in technicality aspect and the NIPL certificate did not have any supporting calculations.</p> <p>3. There is no clarity on pollution load assessment</p> <p>In view of above, it was decided not to consider the case under product mix category.</p>
5	Mangalam Organics Ltd (Formerly Dujodwala Products) Village : Kumbhivali, Tal : Khalapur, Dist : Raigad	<p>Committee noted that, industry has submitted the information/proposal for change in product-mix. The PP has given the presentation on material balance, water budgeting and pollution aspects due to change in product-mix.</p> <p>After due deliberation, it was noted that proposal is for</p> <ul style="list-style-type: none"> b. Enhancement of production quantity of Camphor (350 MT/M to 550 MT/M), Sodium Acetate (275 MT/M to 500 MT/M) & Alkyl Phenol Formaldehyde Resin (28 MT/M to 50 MT/M), c. Reduction of Carene, Lg, DP, Pine Tar, IBA, Camphene, Terpene Chemicals from 465 MT/M to 300 MT/M & Phenolic Resin (166.66 MT/M to 150 MT/M) and d. Removal of Alkyd Resin, Furan Resin, Polyester Resin, Polyamide Resin, Ketonic Resin, Paper Sizing Chemicals e. Overall total production quantity will be 1550 MT/M (Existing- 1559.66 MT/M) <p>There is no effluent generated from production process, Effluent generated is from washing & scrubbing activity and there is no increase in pollution load i.e effluent quantity, air emissions and hazardous waste.</p> <p>In the view of above, it was decided to recommend the case for change in product-mix. PP to submit all the documents presented during presentation to Board office.</p>
6	Mazda Colour Ltd. MIDC Roha, Dist-Raigad	<p>PP gave the presentation on introduction of additional two byproducts. PP informed during presentation as:</p> <ul style="list-style-type: none"> 1. PP is involved in manufacturing of dyes and intermediates generating MEE Salt to the tune of 4200MT/Annum which is permitted to be sent to CHWTSDF OR sold to authorized vendors 2. MEE salt is in fact Ammonium Sulphate that is produced in MEE as of now by mixing & treatment of Dil. H₂SO₄ & Ammonium Carbonate 3. PP proposed permission to sell these individual inorganic components i.e. Dil. H₂SO₄ (1500MT/M) & Ammonium Carbonate (1200MT/M) before treating in MEE.

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		<p>After due deliberation, it was opined that,</p> <ol style="list-style-type: none"> 1. Dil. H₂SO₄ & Ammonium Carbonate, being inorganic in nature shall not fall under the purview of 5f category and thereby does not attract EIA Notification 2006. 2. The case thereby doesn't fall under Change in Product Mix as industry has proposed to generate by-product through value addition / recovery of waste before sending to MEE <p>In view of above, Committee members opined to apply through general route i.e. amendment in existing consent case explaining / justifying non requirement of EC for Inorganic By-products as well as details of the proposed project</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