119- F.5869/2018	**Proposed Expansion project of Active Pharmaceuticals Ingredients (APIs) and Intermediates with R & D facility at R.S.No. 73/1A, 73/2, 74/7B, 78/1B, 79/1, 79/2B, 79/3, 79/4B, 79/5, 79/6A, 79/6B, 79/7, 80/1, 80/2, 80/3, 80/4, 84/1, 84/2, 84/3A, 84/5A, 84/6, 84/7A, 85/1, 85/2B, 86/2B, 86/2C, 86/2D2, 86/3B, 86/4, 86/5, 86/6, 86/7, 86/8 & 86/9 OF Manali Industrial area, Vaikkadu Village,Thiruvottiyur Taluk, Tiruvallur District, Tamil Nadu by M/s. NATCO Pharma Limited – Category "B1"-5(f) Synthetic Organic Chemical Industry –Environmental Clearance-Regarding**
	The Proponent, M/s NATCO Pharma Limited at Manali Industrial area, Vaikkadu Village, Thiruvottiyur Taluk, Tiruvallur District, Tamil Nadu has obtained Environmental Clearance from MoEF & CC, GoI, for the manufacturing of bulk drug vide F.No.J-11011/456/06/2006-IA-II(I) Dated: 15.06.2007. The project proponent has applied to MoEF & CC, GoI, for Terms of Reference for expansion of active Pharmaceutical Ingredients (APIs) & its intermediates manufacturing (66.32TPA) and R&D facility. In response to the application, Terms of Reference (ToR) was issued by MoEF & CC. Public hearing was exempted as per section 7(i), (iii) stage (3), Para (i)(b) of EIA Notification, 2006. Based on the ToR issued by the MoEF & CC, the proponent prepared the EIA report and submitted the same to MoEF & CC. The Expert Appraisal Committee (EAC) of the MoEF & CC appraised the EIA report and decided to recommend the project for issue of EC. At this stage, moratorium imposed on the Manali industrial area was lifted and citing this reason the EAC decided to transfer the project proposal to SEIAA for appraisal. The proposal was placed in the 110th SEAC meeting held on 04.05.2018. The proponent made a presentation about the project proposal. The Committee decided to make an on the spot inspection of the industrial operation to learn about the present status of compliances of Environmental pollution control and based on the inspection, SEAC

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	will decide the further course of action. As per the order Lr.No.SEAC-TN/F.No. 5869/2016 dated: 17.05.2018 of Member Secretary, SEAC, a Technical Team comprising of the SEAC Members was constituted to inspect and study the field conditions in the proposed capacity expansion of existing Active Pharmaceuticals Ingredients (APIs) and Intermediates with R & D facility of M/s. NATCO Pharma Limited at R.S.No. 73/1A, 73/2, 74/7B, 78/1B, 79/1, 79/2B, 79/3, 79/4B, 79/5, 79/6A, 79/6B, 79/7, 80/1, 80/2, 80/3, 80/4, 84/1, 84/2, 84/3A, 84/5A, 84/6, 84/7A, 85/1, 85/2B, 86/2B, 86/2C, 86/2D2, 86/3B, 86/4, 86/5, 86/6, 86/7, 86/8 & 86/9 OF Manali Industrial area, Vaikkadu Village, Thiruvottiyur Taluk, Tiruvallur District, Tamilnadu. The report of the inspection team was placed before the 115th SEAC Meeting held on 28.06.2018. A summary is as follows: The Technical Team held discussions with the project proponent regarding the proposed expansion of Active Pharmaceuticals Ingredients (APIs) and Intermediates with R & D facility by M/s. NATCO Pharma Limited in their existing Plant. The Technical Team took up the review of the project. 1. The technical team noted that the water requirement of the project will be increased from 216.5 KLD to 576 KLD (Fresh water requirement: 303 KLD. Treated effluent: 182 KLD will be reused in cooling tower as makeup and 91 KLD is recovered as steam condensate from boiler thereby fresh water consumption will be reduced). Source of fresh water is CMWSSB. 2. The process of Active Pharmaceuticals Ingredients (APIs) and Intermediates manufacturing was detailed by the proponent. The sources of air pollution, effluent generation (Industrial Effluent) and hazardous waste generation were explained through the process flow diagram. 3. The details of STP, ETP, APC measures provided by the unit were explained.

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	The technical team inspected the following places in the industry along with the project proponent team i) Manufacturing block ii) Raw Material tank iii) Effluent treatment plant, RO plant, MEE iv) Sewage treatment plant v) Air Pollution Control measures provided vi) VOC analysers installed vii) Hazardous waste storage area viii) Green belt areas Technical team undergone a site inspection, based on the observation made during inspection & files maintained by the unit, the team directed the proponent to submit the following details and the team informed to the proponent that after submitting the said details the further course of action will be taken , i. HT Electrical line passes through the unit's Combined STP area, Multiple effect evaporator area and hazardous waste storage area(hazardous wastes are highly flammable).Hence the proponent shall obtain necessary NOC from the competent authority (Directorate of Industrial Safety and Health) to ensure the safety. ii. The unit is using more solvents and stored the same in the unit's premises. Hence the proponent shall furnish the necessary NOC from the competent authorities to store and handle the various solvents (for both existing and proposed) in the unit premises. iii. NATCO has to obtain the revised EC compliance certificate from RO – MoEF & CC including all the points since the existing EC compliance certificate furnished was not included the compliance status of EC Specific condition of Point No.V and also point No.XI (since no compliance for operation of

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	incinerator for High TDS and High COD) iv. In the Existing EC issued by the MoEF & CC Specific condition of Point No.V, directed the proponent that "A report shall be submitted to Ministry after 2 years on the status of replacement of Methylene Chloride and Chloroform Solvent". Hence the proponent shall furnish the compliance/status report on the same. v. Hazardous Wastes are stored nearby the High Tension line which is passing through the unit's premises in the south direction. Hence the unit shall provide the new hazardous waste storage shed as per the norms prescribed by the Hazardous waste Rules 2016 which should be away from the safety distance from HT line and furnish the report with photo graphs with GPS co-ordinates for the same. vi. The unit shall provide the detail of Hazardous waste disposal details for the last five years with authenticated proof. vii. Greenbelt must be maintained 47% within the plant premises without OSR land as per condition imposed in the existing EC. But the green belt area available is not adequate even for 33%. viii. Greenbelt development area with GPS Co-ordinates of all corners of the greenbelt area to compare the area of greenbelt mentioned in the plant layout. Also with the no. of species, name and suitability for the local area as per CPCB guidelines for green belt development. ix. The stacks height provided for the processing area are not adequate as per CPCB norms .Hence the Scrubber stack height must be provided as per CPCB guidelines. Hence the proponent shall check all the stacks heights consideration the nearest building height and furnish the adequacy report obtained from the reputed Institution. (Anna University (or) IIT) for all the Existing/Proposed APC measures

	provided/proposed for the point sources and fugitive emissions. x. The unit is treating the sewage and effluent generated from the process in combined manner. Hence the unit shall furnish the adequacy report for the all the existing/proposed STP & ETP obtained from the reputed Institution. (Anna University (or) IIT) xi. The proponent shall furnish the adequacy report obtained from the reputed Institution (Anna University (or) IIT) for the solutions which are used or proposed to use (i.e both existing and proposed)in the scrubber to remove the toxic components present in the process emission. VOC analyser's adequacy report shall be obtained from the reputed Institution. (Anna University (or) IIT) xii. The proponent shall furnish the Report of Analysis of AAQ survey, stack survey, VOC monitoring conducted by TNPCB for the last 3years. xiii. The proponent shall furnish the Report of Analysis of the inlet and outlet of combined STP/ETP collected by TNPCB for last 3years. xiv. The proponent shall furnish the Report of Analysis of the inlet and outlet of combined STP/ETP for all the organic components, heavy metals and other standard parameters from the NABL accredited Lab. xv. Environmental Cell details shall be provided with Name, Designation and Qualification. xvi. The project proponent shall furnish the necessary proof for water supplied to the unit by CMWSSB for the last 3 years. In response to the Technical Team's instructions, the proponent submitted the details to the technical team on 22.06.2018. The Technical team perused the Additional details and the following are the observations:

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	1. HT Electrical line passes through the unit's Combined STP area, Multiple effect evaporator area and hazardous waste storage area (hazardous wastes are highly flammable). Hence the proponent shall obtain necessary NOC from the competent authority (Directorate of Industrial Safety and Health) to ensure the safety. Reply: As per Indian Electrical Rules 1956, Minimum safe distance from 33 KV line is 3.7 m vertical and 2 m horizontal. Add additional 0.3 m horizontal distance for every additional 33 KV. 110 KV line is passing near the ETP area which is near to boundary (SE side) of our project site. Hence safe horizontal distance as per Indian Electrical Rules 1956 for 110 KVA line is 2 m + 0.3 m x 3 times = 2.9m. Vertical distance as per Indian Electrical Rules 1956 for 110 KVA line is 3.7 m + 0.3 m x 3 times = 4.6m. However, we have provided Hazardous Waste Storage area at a horizontal distance of 5.78m & vertical distance 7m away from the HT line. Map showing ETP & HW storage area and the distance with GPS reading from 110 KVA HT Line is enclosed as Annexrue-1a. Industry also obtained the Layout Approval from the Directorate of Industrial Safety and Health is enclosed as Annexure-1b. 2. The proponent shall furnish the necessary NOC from the competent authorities to store and handle the various solvents (for both existing and proposed) in the unit premises. Reply: Industry has obtained the following approvals from competent authorities for storage and handle the various existing solvents. a. Petroleum & Explosives Safety Organisation (PESO) issued license for Class A,B,C installation for Bulk and other than Bulk under Petroleum Act, 1934 and Petroleum Rules 2002 is valid upto 31-12-2023 & 31-12-2024 (Annexure – 2 a & b). Approved Plant

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	Layout map showing the storage locations are enclosed as Annexure-1b. b. Prohibition & Excise license bearing No. 4/2011-12 for Methyl alcohol which is valid upto 31-03-2019 (Annexure-2c) c. Renewal of Fire Service Licence from Fire & Rescue services, Chennai Suburban District as per Tamil Nadu Fire Service Act 1985 which is valid upto 04-07-2018. (Annexure-2d). 3. NATCO has to obtain the revised EC compliance certificate from RO –MoEF & CC including all the points since the existing EC compliance certificate furnished was not included the compliance status of EC Specific condition of Point No.V and also point No.XI (since no compliance for operation of incinerator for High TDS and High COD) **Reply: Industry has obtained the Certified EC compliance including EC specific condition point no. V and point no. XI from MoEF & CC Regional Office, Chennai. Copy of the same is attached as Annexure -3.** 4. In the Existing EC issued by the MoEF&CC Specific condition of Point No.V, directed the proponent that "A report shall be submitted to Ministry after 2 years on the status of replacement of Methylene Chloride and Chloroform Solvent". Hence the proponent shall furnish the compliance/status report on the same. **Reply: Industry has prepared the status report for reduction of Methylene Chloride and Chloroform Solvent & same has provided to MoEF-RO during obtaining certified compliance report. Certified EC compliance including EC specific condition point no. V from MoEF & CC Regional Office, Chennai. Copy is attached as Annexure-3.** 5. Hazardous Wastes are stored nearby the High Tension line which is

	passing through the unit's premises in the south direction. Hence the unit shall provide the new hazardous waste storage shed as per the norms prescribed Hazardous waste Rules 2016 which should be away from the safety distance from HT line and furnish the report with photo graphs with GPS co-ordinates for the same. **Reply: We have provided Hazardous Waste Storage area at a horizontal distance of 5.78m & vertical distance 7m away from the HT line which is more than safe horizontal distance of 2.9m & vertical distance 4.6m for 110 KVA as per Indian Electrical Rules 1956.** **Map showing HW storage area and the distance with GPS reading from 110 KVA HT Line is enclosed as Annexrue-1a.** **Photograph showing the HT line and Hazardous Waste storage area is enclosed as Annexure-4.** 6. The unit shall provide the detail of Hazardous waste disposal details for the last five years with authenticated proof. **Reply: Industry regularly disposing the Hazardous waste through Manifest system and the details of the last five years with manifest nos. is enclosed as Annexure-5a along with photo copy of Manifest (Form13/Form 10).** 7. Greenbelt must be maintained 47% within the plant premises as per EC condition without OSR land. **Reply: Industry is maintaining 47% greenbelt within the plant premises as per EC condition without OSR Land. Details of Plant layout showing 47% greenbelt is enclosed as Annexure-6.** 8. Greenbelt development area with GPS Co-ordinates of all corners of the greenbelt area to compare the area of greenbelt mentioned in the plant layout. Also with the no. of species, name and suitability for the local area as per CPCB guidelines for green belt

development.

Reply: Plant Layout showing 47% greenbelt with GPS Co-ordinates of all corners of the greenbelt area within the plant premises with existing no. of species, name and nos. and proposed no. of local (nativity) species, name and nos. are given in the layout and is enclosed as Annexure-6 & 6a.

9. Scrubber stack height must be provided as per CPCB guidelines. Hence check the all the stacks heights and the nearest building height and furnish the adequacy report obtained from the reputed Institution. (Anna University (or) IIT) for all the Existing/Proposed APC measures provided/proposed for the point sources and fugitive emissions.

   Reply: We have furnished all the Existing & Proposed Air Pollution Control equipment details/mitigation measures to control the point sources and fugitive emissions to Anna University (CES).

   We have raised the Work order to Anna University (CES) for providing the adequacy report for the same.

   Technical team from Anna University (CES) inspected our factory on 18.06.2018 and we are expecting the final approved Adequacy report by a month of time.

   For Anna university (CES) copy of work order/payment details attached as Annexure-7 for providing Adequacy report.

10. The unit shall furnish the adequacy report for the all the existing/proposed STP & ETP obtained from the reputed Institution. (Anna University (or) IIT).

    Reply: We have furnished all the Existing & Proposed ETP/STP equipment details & treatment scheme to Anna University (CES).

    Technical team from Anna University (CES) inspected our factory & verified the proposal and we are expecting the final approved Adequacy report by a month of time.

	Anna university (CES) technical team site visit details & photos attached as Annexure-8 11. The proponent shall furnish the adequacy report obtained from the reputed Institution. (Anna University (or) IIT) for the solutions which are used or proposed to use (i.e both existing and proposed) in the scrubber to remove the toxic components present in the processes emission. VOC analyser's adequacy report shall be obtained from the reputed Institution. (Anna University (or) IIT). **Reply: Solutions which are used in the scrubber are suitable to remove the toxic components present in the process emissions (Existing & Proposed), also VOC analysers are capable to detect all the VOC emissions (Solvents) used in our process.** **We have furnished all the Existing & Proposed above details to Anna University (CES) and Technical team from Anna University (CES) inspected & verified the scrubbers & VOC analysers.** 12. The proponent shall furnish the Report of Analysis of AAQ survey, stack survey, VOC monitoring conducted by TNPCB for the last 3years. **Reply: TNPCB regularly conducting the Environmental monitoring in our industry for AAQ, Stack and VOC. The Environmental Monitoring reports for the last 3 years are enclosed as Annexure-9.** 13. The proponent shall furnish the Report of Analysis of the inlet and outlet of combined STP/ETP collected by TNPCB for Last 3years. **Reply: TNPCB regularly conducting the Environmental monitoring in our industry and collecting the Effluent. The Environmental Monitoring reports for the treated effluent for the last 3 years are enclosed as Annexure-10.** 14. The proponent shall furnish the Report of Analysis of the inlet and

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outlet of combined STP/ETP for all the organic components, heavy metals and other standard parameters from the NABL accredited Lab.

Reply: NABL accredited Lab conducted Environmental monitoring for Inlet and Outlet of combined ETP for CPCB standard parameters. The analysis reports are enclosed as Annexure-11.

15. Environmental Cell details shall be provided with Name, Designation and Qualification.

    Reply: The detailed Organogram of Environmental Cell with Name, Designation and Qualification is enclosed as Annexure-12.

16. The project proponent shall furnish the necessary proof for water supplied to the unit by CMWSSB for last 2 Years.

    Reply: Industry is obtaining the water supply from CMWSSB via tankers. The metro water card & CMWSSB sample receipts for the supply of water are enclosed as Annexure-13.

    Also we have obtained the permission from CMWSSB for supply of water via pipelines to our industry for inclusion of the requirement of expansion.

After the perusal of the additional details submitted by the project proponent, the technical team would like to make the following specific recommendations:

1. The plan approved by the Director of Safety does not show the hazardous waste storage area near the high tension line. The proponent is directed to change the location of the hazardous waste storage facility away from the high tension lines.
2. Point V in the revised EC compliance certificate from RO – MoEF & CC including all the points in the existing EC compliance certificate furnished states that the MoEF & CC

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	norms for submitting the phase out plan for hazardous solvents like Chloroform and a report at the end of 2 years is not submitted. Point No.XI for operation of incinerator for High TDS and High COD has not been complied with. The inspection team did not find any incinerator operating in the facility. The RO also not reported about the incinerator operation. Hence, the proponent shall furnish the status of the incinerator with necessary photographs. 3. The copy of the status report for reduction of Methylene Chloride and Chloroform Solvent during the entire period of operation of the plant has to be submitted. It is also required that a compliance report has to be submitted to the MoEF & CC after two years regarding replacement of the above solvents. A copy of the same shall be furnished to SEIAA-TN. The same solvents have been included in the inventory list of the proposed expansion. The proponent is directed to replace it with alternative solvents. 4. The inspection team observed that the land is barren and green cover is much less than the required 47%. Hence, the proponent is directed to plant adequate number of trees as per the suggestions in the existing EC of MoEF & CC. 5. A detailed VOC analysis including the solvents Methylene Chloride & Chloroform used in the process needs to be furnished for the AAQ, stack & effluent. 6. Adequacy reports for the STP, ETP & APC measures to be provided in the proposed expansion are yet to be submitted. 7. The proponent has not provided any details for CSR amount already spent as per the Companies Act, 2013. Hence, the proponent shall furnish the details from the year 2013 about the CSR amount spent. The technical team recommended to SEAC to take further action after the compliance and submission of the above documents.

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The SEAC considered the report of the inspection team and accepted the recommendations to call for further details with reference to 7 items listed above from the proponent and based on the response from the proponent further necessary action will be taken.

The above 7 points were communicated to the proponent by SEIAA-TN. In response the proponent submitted the details to the SEIAA-TN and the same were placed in the 117th SEAC Meeting held on 28.07.2018.

A perusal of the details furnished reveals the following:

Sl.No.	Points raised by SEAC	Response from the proponent
1	The plan approved by the Director of Safety does not show the hazardous waste storage area near the high tension line. The proponent is directed to change the location of the hazardous waste storage facility away from the high tension lines	Complied with.
2	Point V in the revised EC compliance certificate from RO –MoEF & CC including all the points in the existing EC compliance certificate furnished states that the MoEF & CC norms for submitting the phase out plan for hazardous solvents like Chloroform and a report at the end of 2 years is not submitted. Point No.XI for	Not complied with

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			operation of incinerator for High TDS and High COD has not been complied with. The inspection team did not find any incinerator operating in the facility. The RO also not reported about the incinerator operation. Hence, the proponent shall furnish the status of the incinerator with necessary photographs	
		3	The copy of the status report for reduction of Methylene Chloride and Chloroform Solvent during the entire period of operation of the plant has to be submitted. It is also required that a compliance report has to be submitted to the MoEF & CC after two years regarding replacement of the above solvents. A copy of the same shall be furnished to SEIAA-TN. The same solvents have been included in the inventory list of the proposed expansion. The proponent is directed to replace it with alternative solvents	Partially complied with.
		4	The inspection team observed that the land is barren and	Complied with.

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	green cover is much less than the required 47%. Hence, the proponent is directed to plant adequate number of trees as per the suggestions in the existing EC of MoEF & CC	
5	A detailed VOC analysis including the solvents Methylene Chloride & Chloroform used in the process needs to be furnished for the AAQ, stack & effluent	Complied with.
6	Adequacy reports for the STP, ETP & APC measures to be provided in the proposed expansion are yet to be submitted	Complied with.
7	The proponent has not provided any details for CSR amount already spent as per the Companies Act, 2013. Hence, the proponent shall furnish the details from the year 2013 about the CSR amount spent	Complied with

The SEAC noted that the response from the proponent for the following two points are not satisfactory.

1. Point V in the revised EC compliance certificate from RO –MoEF & CC including all the points in the existing EC compliance certificate furnished states that the MoEF & CC norms for submitting the phase out plan for hazardous solvents like Chloroform and a report at the end of 2 years is not submitted. Point No.XI for operation of

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	incinerator for High TDS and High COD has not been complied with. The inspection team did not find any incinerator operating in the facility. The RO also not reported about the incinerator operation. Hence, the proponent shall furnish the status of the incinerator with necessary photographs. 2. The copy of the status report for reduction of Methylene Chloride and Chloroform Solvent during the entire period of operation of the plant has to be submitted. It is also required that a compliance report has to be submitted to the MoEF & CC after two years regarding replacement of the above solvents. A copy of the same shall be furnished to SEIAA-TN. The same solvents have been included in the inventory list of the proposed expansion. The proponent is directed to replace it with alternative solvents. Hence, the SEAC decided to direct the proponent to furnish suitable plan of action to comply with direction contained in the above two points. The above points were communicated to the proponent by SEIAA-TN. In response the proponent submitted the details to the SEIAA-TN on 07.08.2018 in the form of 2 letters with enclosures, dated 07.08.2018 and the same were placed in the 119th SEAC Meeting held on 09.08.2018. The letters dated 07.08.2018 contained detailed particulars about the industrial operation at present and the proposals for the future. From the study of progress of the proposals, it could be seen that the compliance of industry was pending in the following two cases: 1a) Point V in the revised EC compliance certificate from RO – MoEF & CC including all the points in the existing EC compliance certificate furnished states that the MoEF & CC norms for submitting the phase out plan for hazardous solvents like Chloroform and a report at the end of 2 years is not submitted. - Industry reports that this has been complied with and copy of the report submitted.

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	1b) Point No.XI for operation of incinerator for High TDS and High COD has not been complied with. The inspection team did not find any incinerator operating in the facility. The RO also not reported about the incinerator operation. Hence, the proponent shall furnish the status of the incinerator with necessary photographs. - The industry has reported that an incinerator is in place and has given explanation for not operating the incinerator. The industry has also enclosed a photograph of the incinerator. 2. The copy of the status report for reduction of Methylene Chloride and Chloroform Solvent during the entire period of operation of the plant has to be submitted. It is also required that a compliance report has to be submitted to the MoEF & CC after two years regarding replacement of the above solvents. A copy of the same shall be furnished to SEIAA-TN. The same solvents have been included in the inventory list of the proposed expansion. The proponent is directed to replace it with alternative solvents. The industry has given the following details and commitment: "Industry obtained the EC from vide F.No.J.11011/456/06/2006-IA-II (I) dated 15-06-2207. Considering the point No.5 of EC condition and obtained CTE for 18 products. After completion of construction obtained first CTO from TNPCB on 2nd July 2010 for only 16 products dropping the major quantity of products. Further the unit started the production in 2011 with only 7 out of 16 products with a MDC & Chloroform capacity of about 1 kg/day. Copy of Latest status report on phasing out plan of Chloroform and Methylene Chloride submitted to MoEF/CC is enclosed. Latest status report for reduction of MDC & chloroform solvent has been submitted to MoEF & CC- Regional Office during his

site inspection. Also MoEF & CC – RO has reviewed the same and recorded their comments in the Certified EC compliance report – point No.5 of EC condition.

We hereby committing that we are replacing the MDC & Chloroform with the alternate solvents for the existing and the proposed products and thus will not use MDC & Chloroform in the existing and Proposed products further".

From the statement in the last paragraph it is realised that the industry has committed that it will not use MDC & Chloroform in the existing and proposed products further meaning that this will be given effect from the date of signing of letter i.e 07.08.2018.

Since the industry has given satisfactory explanations and commitments for the pending issues raised, the SEAC decided to recommend issue of EC for Proposed Expansion project of Active Pharmaceuticals Ingredients (APIs) and Intermediates with R & D facility at R.S.No. 73/1A, 73/2, 74/7B, 78/1B, 79/1, 79/2B, 79/3, 79/4B, 79/5, 79/6A, 79/6B, 79/7, 80/1, 80/2, 80/3, 80/4, 84/1, 84/2, 84/3A, 84/5A, 84/6, 84/7A, 85/1, 85/2B, 86/2B, 86/2C, 86/2D2, 86/3B, 86/4, 86/5, 86/6, 86/7, 86/8 & 86/9 OF Manali Industrial area, Vaikkadu Village,Thiruvottiyur Taluk, Tiruvallur District, Tamil Nadu to SEIAA-TN, subject to the condition that the proponent fulfils all his commitments made in the original proposal and additional proposals submitted to SEAC.

Also for CSR: The proponent has not carried out sufficient CSR activity in line with companies act, 2013. Hence, the proponent is directed to provide funds to a tune of Rs.25 Lakhs to Cancer Institute Adayar and submit the proof to SEIAA-TN before issue of EC.

For CER, the industry has submitted the proposals for Rs. 100 Lakhs (1% of Rs. 100 Crores) towards infrastructure for villages,

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	Govt schools and a few Govt hospitals nearby. The industry is directed to spend the funds of Rs. 100 Lakhs as per the proposals and submit the proof to SEIAA-TN before issue of CTO by TNPCB.

S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr.K.Valivittan	Member	
3	Dr.Indumathi M. Nambi	Member	
4	Dr. G. S. Vijayalakshmi	Member	
5	Dr. M. Jayaprakash	Member	
6	Shri V. Shanmugasundaram	Member	
7	Shri B. Sugirtharaj Koilpillai	Member	
8	Shri. P. Balamadeswaran	Co-opt Member	
9	Shri. M.S. Jayaram	Co-opt Member	

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