

**Agenda for 6<sup>th</sup> meeting of  
Air Quality Monitoring Committee (AQMC)  
to be held under the Chairmanship of PSSTE, GOP  
to review progress of Implementation of Action Plans fo.r Clean Air**



**Date: 8<sup>th</sup> July, 2019**

**Venue: Committee Room of Punjab State Council for Science & Technology**

**Directorate of Environment and Climate Change  
Government of Punjab**

**Item No. 1 Confirmation of minutes of the 5<sup>th</sup> meeting.**

The minutes of the 5<sup>th</sup> meeting of the AQMC have been circulated to all concerned stakeholder departments vide letter no. DECC/2019/592-600 dated 14.06.2019. Action taken report have been received by PPCB Vide e-mail dated 25.06.2019. The minutes may accordingly be confirmed.

**Item No. 2 Action taken on the minutes of 5<sup>th</sup> Meeting of Air Quality Monitoring Committee (AQMC) held on 14.5.2019.**

All the departments are being regularly persuaded for progress on the activities as per the Action Plan and review formats. The current status of progress after taking into account action to be taken in pursuance to the decisions of the committee during previous meetings have been placed in the respective agenda items.

**Item No. 3 Review of Progress w.r.t the activities pertaining to Punjab Pollution Control Board**

Progress upto the month of June, 2019 w.r.t activities pertaining to Punjab Pollution Control Board to be reviewed are as under:

<b>Activity No.</b>	<b>Activity/ Decisions</b>	<b>Progress as on 25.06.19/ Observations</b>
CIE-0	<p>Air Quality Monitoring Report</p> <p><b>Review of decision taken in the last AQMC</b></p> <p>PPCB to demonstrate online monitoring of air quality and the same to be integrated with DECC website</p> <p>PPCB to ascertain within 2 weeks whether cities like Dera Baba Nanak &amp; Nangal will move out from the list of non-attainment cities.</p>	<p>i) <math>PM_{10} = 48-185 \mu g/m^3</math></p> <p>ii) Value of <math>PM_{10}</math> of only Dera Baba Nanak is less than <math>60 \mu g/m^3</math></p> <p>Demonstration made on 26.06.2019.</p> <p>Integration with DECC website is yet to be made</p> <p>PPCB has initiated the AAQ study for Nangal &amp; Dera Baba Nanak w.e.f 5.04.19 for one year.</p>
CIE -1	<p>Conversion to Side Suction Hood in Induction Furnaces (IFs)</p> <p><b>Review of decision taken in the last AQMC</b></p> <p>PPCB to examine whether legal directions are required under Air Act to</p>	<p>59 (36%) units converted out of total 163 units.</p> <p>Matter is under consideration with the Board.</p>

	<p>ensure conversion of Induction furnaces to Side Suction Hood in a time bound manner.</p> <p>PPCB shall cross-check the record of M/s Madhav Alloys to verify the quantity of APCD dust being provided by units converted to side suction hood technology.</p>	<p>Action is under progress</p> <p>PPCB to present the status.</p>
CIE -2 (i)	<p>Conversion of Industries from Coal to CNG/ PNG</p> <p><b>Review of decision taken in the last AQMC</b></p> <p>PPCB to examine whether legal directions need to be issued under Air Act towards mobilizing industry for adopting CNG.</p>	<p>Only 12 (2%) industries out of total 914 units switched over to CNG/PNG</p> <p>PPCB has advertised public notice u/s 31-A under the Air Act, 1981 on 04/07/2019 for all the rolling mills in Mandi Gobindgarh to shift from coal to PNG, on or before 31.12.2019 and file objections, if any, within 01 month.</p>
CIE-3	<p>Conversion of Natural Draft Brick Kilns to Induced Draft</p> <p><b>Review of decision taken in the last AQMC</b></p> <p>Environmental compensation must be imposed by the Board.</p>	<p>28 (28%) Brick Kilns converted to Induced Draft out of total 101 units.</p> <p>PPCB to present the status..</p>
CIE-4	<p>Action against Non-Complying Industrial units</p> <p><b>Review of decision taken in the last AQMC</b></p> <p>CEE and SEE, PPCB shall inspect 5% &amp; 10% of the industry inspected by ROs respectively and submit progress in the prescribed proforma.</p>	<p><b>Regional Office:</b></p> <ul style="list-style-type: none"> <li>• 921 (40%) industries inspected.</li> <li>• 150 (16%) industries found not complying :</li> <li>• Action initiated against 138(92 %) non-complying units</li> <li>• Total 04 industries closed for non-compliance.</li> </ul> <p>07 units visited by CEE(J) and 01 unit visited by CEE(P) however, no unit inspected by SEEs</p>

	<p>PPCB must take bank guarantee/ impose environmental compensation against non compliance and violations &amp; shall also maintain separate head for the amount collected from Environmental Compensation, /Encashment of Bank Guarantees and same shall be spent on restoration of environment as per the approved guidelines</p> <p>PPCB need to incorporate following important parameters in the inspection proforma for checking the adequacy of APCD :</p> <p>a) Quantity of dust being collected (Quintal/month) at APCD,  b) Year of installation of APCD  c) Production capacity (T/hr) of furnace.</p>	<p>No report received.</p> <p>PPCB to present the status of bank guarantee.</p> <p>All R.O.s have been instructed to incorporate the same.</p> <p>PPCB to share the inspection proforma with DECC.</p>
CBGB-3	<p>Control on burning of agriculture waste and crop residue</p> <p><b>Review of decision taken in the last AQMC</b></p> <p>PPCB shall coordinate with District Administration regarding inspection of fire incidents and for taking action against violators by imposing Environmental Compensation (EC)</p> <p>PPCB to conduct public awareness campaigns like radio jingles, media bites &amp; village camps about the ill effects of crop residue burning.</p> <p>PPCB to engage an agency to design IEC material.</p>	<p>For period of 15/03/2019 to 31/05/2019 (Rabi season) :</p> <ul style="list-style-type: none"> <li>• 11708 nos of fire incidence reported</li> <li>• 869 (7%) nos. of sites visited -</li> <li>• 35 No. of sites on which EC imposed (Rs. 1,05,000/- )</li> <li>• Rs.7500/-recovered as EC</li> </ul> <p>Different agencies approved by DPR (Pb). contacted for public awareness.</p> <p>PPCB to present the status.</p>
COS-1	<p>Dissemination of Air Quality Index</p> <p><b>Review of decision taken in the last AQMC</b></p> <p>PPCB should ascertain the policy for</p>	<p>No progress</p> <p>Sites have been identified by R.O.s</p>

	<p>installation of continuous Ambient Air Quality Monitoring Stations (Manual /Online)</p> <p>PPCB shall also procure Mobile Van for the air quality monitoring and public awareness on pattern of PGI, Chandigarh.</p>	<p>for installation of display boards. M/s Environment SA India Pvt. Ltd. has been contacted by the Board for installation display board.</p> <p>Matter is under consideration with the Board.</p> <p>PPCB to present the status.</p>
COS-2 &3	<p>Establish an Air Quality Management Division at SPCB HQ and helpline in each city as well as SPCB HQ</p>	<p>PPCB has sent the proposal to Govt. for funds allotment under the Head "Excess and Surrender"</p> <p>PPCB to present the status</p>
COS- 4	<p>Monitoring of DG sets and action against violations</p> <p><b>Review of decision taken in the last AQMC</b></p> <p>Bank Guarantee/ Environmental Compensation must be imposed on violators</p>	<p>267 DG sets monitored upto 25.06.19 out which 22 (8%) violations found and status of same is as under:</p> <p>i) SCN issued– 13 No.</p> <p>ii) Action under process- 9 No.</p> <p>Status of Bank Guarantee/ Environmental Compensation not provided.</p>
COS- 5	<p>Source apportionment study</p> <p><b>Review of decision taken in the last AQMC</b></p> <p>PPCB to share draft MoU with DECC.</p>	<p>MoU have been signed between PPCB and IIT, Delhi on 05/06/2019 for remaining 07 towns.</p> <p>PPCB has not shared MoU with DECC.</p>
TCB-1	<p>Training and Capacity Building Programme</p> <p><b>Review of decision taken in the last AQMC</b></p> <p>PPCB may engage agency for handholding district administration in</p>	<p>No progress</p> <p>The strategy in this regard is being worked out to involve Junior</p>

	rolling out the action plan in terms tracking progress reports, explaining various action plan in terms tracking progress report, explaining various action points and supporting ROs and other city authorities in coordinating and reviewing the progress at the district level.	Research Fellows/Students of reputed Government Institutes and Universities  PPCB to present the status.
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Nodal officer (Chief Engineer-Air) to present the status of above activities.

**Item No. 4 Review of Progress w.r.t the activities pertaining to Department of Local Government**

Progress up to the month of June, 2019 w.r.t activities pertaining to Department of Local Government to be reviewed are as under:

<b>Activity No.</b>	<b>Activity/ Decisions</b>	<b>Progress as on 25.06.19/ Observations</b>
CRD 1 (i)	Maintain pothole free roads /Patch work of roads	i) 121 Km road length made pothole free out of 201 km. ii) No Progress by Khanna, Amritsar, Derabassi and DBN ULBs.
CRD 2 (i)	Water sprinkling on identified roads	i) 41 Km/day of average road length is being sprinkled out of the total 157 Km ii) ULBs of Mandi Gobindgarh, Naya Nangal & Amritsar have yet not started water sprinkling on identified roads.
CRD 2 (ii)	Procurement of water sprinklers	i) No water sprinkler has been procured out of the total target of 13 sprinklers. ii) Overall progress is extremely slow.
CRD 3	Procurement of Mechanical sweeping machines	i) No mechanical sweeping machine procured out of the total target of 13 no. ii) Progress is extremely slow
CRD 4(i)	Creation of green buffers along road side	i) Only 1250 trees/shrubs planted by Jalandhar, Ludhiana and Amritsar ULBs out of total target of 28325. ii) Progress is extremely slow.

CRD 5	Greening of parks, open areas, community places, schools and housing societies	<ul style="list-style-type: none"> <li>i) 1800 trees/shrubs planted by Khanna, Ldh &amp; Asr ULBs only out of total target of 53850.</li> <li>ii) Progress is extremely slow</li> </ul>
CRD 6	Installation of Water fountains at major traffic intersections	<ul style="list-style-type: none"> <li>i) MGG, Asr, Nangal &amp; DBN ULBs are Non starter</li> </ul>
CRD 7 (a-i)	Kaccha/Brick Paved Roads to be made Pucca roads	<ul style="list-style-type: none"> <li>i) 0.2 Km Kaccha road made Pucca by Patiala ULB out of total target of 83 km..</li> <li>ii) Progress is extremely slow</li> </ul>
CRD 7 (b-i)	Existing roads requiring recarpeting	<ul style="list-style-type: none"> <li>i) 55 km of roads recarpeted out of total 207 km.</li> <li>ii) Progress is slow</li> </ul>
CRD 7 (c-i)	Pavement of road side using interlocking tiles	<ul style="list-style-type: none"> <li>i) 10 km of pavement of road sides done out of 61 km.</li> <li>ii) Progress is slow</li> </ul>
CVE 4 (a-i)	Creating parking infrastructure to prevent parking of vehicles in non-designated areas by designated parking lot site (Nos.)	<ul style="list-style-type: none"> <li>i) DPR under progress for development of designated parking lot sites at Khanna &amp; Jalandhar, remaining ULBs are non starter.</li> <li>ii) Progress is extremely slow.</li> </ul>
CVE 4 (a-ii)	Creating parking by developing Multi storey parking lots (Nos.)	<ul style="list-style-type: none"> <li>i) DPRs of 3 multi story parking lots have been prepared by Ludhiana and for 1 multi story parking lot by Khanna.</li> <li>ii) No progress has been made by other ULBs.</li> </ul>
CVE 4 (a-iii)	Creating parking for trucks/ commercial vehicles (Nos.)	<ul style="list-style-type: none"> <li>i) Estimate prepared by Mandi Gobindgarh</li> <li>ii) No progress made by Khanna ULB.</li> </ul>
CVE 4 (b-i)	Creating parking infrastructure to prevent parking of vehicles in non-designated areas	<ul style="list-style-type: none"> <li>i) 2no. "Roadside parking by yellow line" earmarked by Jalandhar out of the total target of 21 roadside parking.</li> <li>ii) Ldh, MGG, Khanna, Patiala, Amritsar &amp; DBN are Non starter</li> </ul>
CVE 4 (b-ii)	Prevent parking of vehicles in non-designated areas by enforcement	<ul style="list-style-type: none"> <li>i) 86 no. "No Parking" sign boards have been installed by Ludhiana, Khanna &amp; Jalandhar ULBs out of total target of 294.</li> </ul>

		ii) No progress has been made by other ULBs
CVE 6 (a)	Widening of roads and infrastructure for decongestion of roads	i) 11 Km of road length has been widened by Khanna, Ludhiana and Patiala ULBs out of total target of 48km. ii) Overall progress is extremely slow.
CVE 6(b)	Road design improvement	i) Work is under progress for 42.7 Km of road length for Ludhiana ULBs. ii) Progress is slow.
CVE 7	Installation of intelligent traffic systems  <b>Review of decision taken in the last AQMC</b> It was decided that officers of remaining ULBs may take advice from Jalandhar ULB to fast track the process of introduction of intelligent traffic system	i) Work under progress in Jalandhar city for introduction of intelligent traffic system under Smart City Project.  ii) Report awaited, No progress by other ULBs.
CVE 8	Construction of expressways/ bypasses to avoid congestion	i) Work allotment under progress by Ludhiana ULB. ii) Overall progress is Satisfactory.
CVE 11 (b)	Introduction of CNG based city Bus Service  <b>Review of decision taken in the last AQMC</b> Local Government will expedite introduction of CNG based city Bus Service in 3 major non-attainment cities (Ludhiana, Jalandhar & Amritsar)	i) No progress has been reported by any ULBs.  ii) Report awaited, Deputy Joint Director to present the status.
CBGB 1	Control on open burning of bio-mass in City	i) Cumulative progress is 464 pucca pits constructed out of total target of 969. ii) Progress is slow.



CBGB 2	Control on burning of municipal solid wastes	i) No. of inspections: 856 ii) No. of challans issued : 211 iii) Progress is satisfactory.
CCDA 1(a)	Enforcement of Construction & Demolition Waste Rules	i) No. of inspections: 1345 ii) No. of challans issued : 321 iii) Progress is satisfactory.
CCDA 1 (b)	Development of Infrastructure of Construction & Demolition waste	i) No. of site developed for C&D waste processing : Nil ii) Quantity of C&D waste dumped at notified site : 706.1 MT Overall Progress is slow.
CCDA 2	Control measures for fugitive measures w.r.t Construction & Demolition Activities	i) No. of inspections: 245 ii) No. of challans issued : 27 iii) Progress is slow.
CCDA 3	Control measures for carrying the construction material enclosed/ covered vessels	i) No. of inspections: 75 ii) No. of challans issued : 6 iii) Progress is slow.

1. Information received from Local Govt. is incomplete.
2. State Nodal Officer (Joint Deputy Director), Local Government (ULBs) to present the status of above activities

**Item No. 5 Review of progress w.r.t the activities pertaining to PWD**

Progress upto the month of June, 2019 w.r.t activities pertaining to PWD to be reviewed are as under:

Activity No.	Activity/ Decisions	Progress as on 25.06.19/ Observations
CRD 1 (ii)	Maintain pothole free roads /Patch work of roads	i) 30 Km (53%) of road length completed out of total 56 Km. ii) Work under progress for 8.60 Km iii) Progress is good
CRD 7 (b-ii)	Existing roads requiring recarpeting	i) 29 Km (30%) completed out of total 97 Km. ii) Work under progress for 51.93 Km iii) Progress is satisfactory

CRD 7 (c-ii)	Pavement of road side using interlocking tiles	<ul style="list-style-type: none"> <li>i) 6.051 Km (1%) completed out of total 68 Km.</li> <li>ii) Work under progress for 46.731 Km</li> <li>iii) Progress is slow</li> </ul>
CVE 6 (a)	Widening of roads and infrastructure for decongestion of roads	<ul style="list-style-type: none"> <li>i) 4.96 km (1%) completed out of total 38 Km.</li> <li>ii) Work under progress for 11.40 Km.</li> <li>iii) Progress is slow</li> </ul>

Nodal Officer (Chief Engineer), PWD to present the status of above activities.

**Item No. 6 Review of Progress w.r.t the activities pertaining to PUDA**

Progress upto the month of June, 2019 w.r.t activities pertaining to PUDA to be reviewed are as under:

Activity No.	Activity/ Decisions	Progress as on 25.06.19/ Observations
CRD 1 (iii)	Maintain pothole free roads /Patch work of roads (PUDA)	<ul style="list-style-type: none"> <li>i) 21 Km work under progress out of total 21 Km at Patiala.</li> <li>ii) Progress is Satisfactory .</li> </ul>
CRD 7 (a-ii)	Kaccha/Brick Paved Roads to be made Pucca roads	<ul style="list-style-type: none"> <li>i) 8.32 Km work under progress out of total 10.87 Km.</li> <li>ii) Progress is Satisfactory .</li> </ul>
CRD 7 (b-iii)	Existing roads requiring recarpeting	<ul style="list-style-type: none"> <li>i) 11.94 Km (99%) completed out of total 12 Km.</li> <li>ii) Progress is Good</li> </ul>
CRD 7 (c)	Pavement of road side using interlocking tiles	<ul style="list-style-type: none"> <li>i) 11.84 Km work under progress out of total 11.84 Km.</li> <li>ii) Progress is Satisfactory .</li> </ul>
CVE 6 (a)	Widening of roads and infrastructure for decongestion of roads	<ul style="list-style-type: none"> <li>i) 2.4 Km (10%) work under progress out of total 23.54 Km.</li> <li>ii) Progress is slow .</li> </ul>
CVE 8	Construction of expressways/ bypasses to avoid congestion for the month of May, 2019 (PUDA)	<ul style="list-style-type: none"> <li>i) Work of Missing Link Phase-III, (Malerkotla road to Dugri Road) allotted and same is under progress</li> <li>ii) Progress is satisfactory</li> </ul>

Nodal Officer (Superintending Engineer), GLADA to present the status of above activities.

**Item No. 7      Review of Progress w.r.t the activities pertaining to Department of Transport**

Progress up to the month of May, 2019 w.r.t activities pertaining to Department of Transport to be reviewed are as under

<b>Activity No.</b>	<b>Activity/ Decisions</b>	<b>Progress as on 31.05.19/ Observations</b> *(No progress submitted for the month of June)
CVE 1	Public awareness campaign for control of vehicular emissions	<ul style="list-style-type: none"> <li>i) No progress reported</li> <li>ii) Deptt. to submit its annual target for public awareness.</li> </ul>
CVE 2	Remote sensor based PUC system	<ul style="list-style-type: none"> <li>i) Department informed that 599 nos. of Pollution Check Centre (PCC) identified to be linked with VAHAN 4.0 software.</li> <li>ii) Deptt. to provide list of PCCs to DECC</li> <li>iii) Deptt. to present the status</li> </ul>
CVE 9	Phasing out commercial diesel vehicles more than 15 years old.	<ul style="list-style-type: none"> <li>i) Deptt. informed, that the matter has since been taken up with the MoRTH vide this office letter No.STC-P(P-3)/5348 dated 14.2.2017 to lower the age of petrol / diesel driven vehicles from the existing 15 years to 10 years.</li> <li>ii) No appropriate reply submitted, Deptt. to present the status on banning entry of commercial diesel vehicles entering non attainment cities.</li> </ul>
CVE 10	Promotion of E-vehicles	<ul style="list-style-type: none"> <li>i) Policy of E-vehicles is under preparation at the level of Government.</li> <li>ii) Deptt. to present the status</li> </ul>
CVE 11	Introduction of CNG based autos/taxis. <b>Review of decision taken in the last AQMC</b> PPCB has issued direction vide letter no 05 dated 03.01.2019 under section 31-A of Air Act 1981 to stop registration of new diesel /	<ul style="list-style-type: none"> <li>i) No progress.</li> <li>ii) Deptt. informed that although the PPCB due to the powers vested in it, yet the matter is being taken up with the Govt. for clarification whether the registration of such vehicles can be</li> </ul>

	petrol driven auto rickshaw (s), in 5 districts including Fatahgarh Sahib, Khanna, Jalandhar, Ludhiana, Amritsar w.e.f 01.02.2019.	<p>refused by the Registering Authority concerned in the light of the provisions of the Motor Vehicles Act, 1988 and the rules framed their under unless there is any judicial order banning the registration of such vehicles.</p> <p>iii) Deptt. to present the status for non implementation of the PPCB orders under Air Act.</p>
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1. Information received from Department of Transport is not satisfactory.
2. Nodal officer (State Transport Commissioner), Department of Transport to present the status.

**Item No. 8 Review of Progress w.r.t the activities pertaining to Traffic Police**

Progress up to the month of June, 2019 w.r.t activities pertaining to Traffic Police to be reviewed are as under

<b>Activity No.</b>	<b>Activity/ Decisions</b>	<b>Progress as on 25.06.19/ Observations</b>
CVE 1	Public awareness campaign for control of vehicular emissions	<p>i) 1076 Public awareness camps</p> <p>ii) Progress is satisfactory except Mandi Gobindgarh, Khanna and Nangal.</p>
CVE 3	Extensive drive against polluting vehicles.	<p>i) 3784 challans issued against polluting vehicles</p> <p>ii) Progress is slow in Derabassi, Dera Baba Nanak &amp; Nangal.</p>
CVE 4	Prevent parking of vehicles in non-designated areas by enforcement actions	<p>i) 20888 challans issued to prevent parking of vehicles in non-designated area.</p> <p>ii) Progress is slow in Khanna, Patiala, Nangal and DBN.</p>

Nodal officer, Department of Traffic to present the status of above activities.

**Item No. 9 Review of Progress w.r.t the activities pertaining to PSIEC**

Progress up to the month of June, 2019 w.r.t activities pertaining to PSIEC to be reviewed are as under

<b>Activity No.</b>	<b>Activity/ Decisions</b>	<b>Progress as on 25.06.19/ Observations</b>
CRD 4	Creation of green buffers along the road side	i) No progress ii) Plantation could not be done due to summer season.
CRD 7	Existing roads requiring recarpeting	i) 3 Km road length recarpetted out of the total 31.9 Km. ii) Progress is slow
CIE 2	Creation of Infrastructure for CNG Pipeline  <b>Review of decision taken in the last AQMC</b> Action regarding roll out plans and coordination on behalf of the State Government is done by the Department of Industries. Thus, PSIEC to expedite implementation of laying of CNG pipelines and other related infrastructure in major cities like Mandi Gobindgarh, Khanna, Ludhiana, Jalandhar and Amritsar	i) No progress submitted  ii) Deptt. to present the status
CIE 5	Shifting of industries from non-designated areas to industrial Area  <b>Review of decision taken in the last AQMC</b> PSIEC shall conduct a joint meeting with the Industrial Associations, PPCB. Deptt. of Town & Country Planning to explore the possibility of shifting the industry from non-designated area to designated areas	i) No progress submitted  ii) Deptt. to present the status

Nodal officer (Executive Engineer), PSIEC to present the status of above activities.

**Item No. 10 Review of Progress w.r.t the activities pertaining to Department of Food and Civil Supplies**

Progress up to the month of June, 2019 w.r.t activities pertaining Department of Food and Civil Supplies to be reviewed areas under:

<b>Activity No.</b>	<b>Activity/ Decisions</b>	<b>Progress as on 25.06.19/ Observations</b>
CVE 5	Check fuel adulteration	i) 100 inspections carried out to check fuel adulteration and no violation was observed. ii) Progress is slow in MGG, Patiala, Derabassi and DBN.
CVE 11	Infrastructure development for CNG filling stations	i) 1 new CNG station and 20 existing petrol pumps upgraded to CNG filling station. ii) Progress is satisfactory.

Nodal officer (Additional Director), Department of Food and Civil Supplies to present the status of above activities.

**Any other item with the approval of the Chair**

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