



PUNJAB POLLUTION CONTROL BOARD

REGIONAL OFFICE, FATEHGARH SAHIB

Near RIMT Management College, G.T. Road, Mandi Gobindgarh

TELE- FAX-01765-242400

No. 297-318

Dated 16/5/2016

1. The Senior Superintendent of Police, Fatehgarh Sahib	12. Sh. H.S. Matharu, Executive Engineer, Punjab Small Industries Export Corporation, 16, Hemlock Marg, Udyog Bhawan, Sector 17, Chandigarh-150017
2. The Executive Director, Punjab State Council for Science and Technology, MGIPA Complex, Sector 26, Chandigarh, 160019	13. The General Manager, District Industries Centre, Fatehgarh Sahib
3. The Sub Divisional Magistrate, Amloh	14. The Sub Divisional Engineer, Water Supply & Sewerage Board, Mandi Gobindgarh (Near MC Office)
4. The District Transport Officer, Fatehgarh Sahib	15. The Asstt. Executive Engineer, Punjab Small Industries & Export Corporation, Mandi Gobindgarh
5. The Divisional Forest Officer, Patiala	16. The District Agriculture Officer, Deptt. of Agriculture, Fatehgarh Sahib
6. The Executive Officer, Municipal Council, Mandi Gobindgarh	17. The General Manager-cum Project Director, NHAI, 17-I, Model Town, Ambala City.
7. The Civil Surgeon, Fatehgarh Sahib	18. GAIL India Ltd., Udyog Bhawan Annexure Building, 11, Hemlock Marg, Chandigarh-1500017
8. Sh. Subhash Chandra, Executive Engineer, Punjab Water Supply & Sewerage Board, Division No. 2, Patiala	19. The President, Gobindgarh District Chamber of Commerce & Industries, Mandi Gobindgarh
9. The Executive Engineer, PWD (B & R), Sirhind, Distt. Fatehgarh Sahib	20. The President, All India Road Roller Association, Mandi Gobindgarh
10. The Executive Engineer, (Drainage), Deptt. of Irrigation, Drainage Division, Patiala	21. The President, Small Scale Road Roller Association, Mandi Gobindgarh
11. The District Town Planner, Fatehgarh Sahib	22. The President, Mandi Gobindgarh Induction Furnace Association, Mandi Gobindgarh

Subject: Proceedings of the local committee meeting held on 4/5/2016 under the Chairmanship of Sh. Kamaldeep Singh Sangha, IAS, Deputy Commissioner, Fatehgarh Sahib to review the progress made by various departments for implementation of Action Plan for abatement of pollution in critically polluted area of Mandi Gobindgarh.

Please find enclosed herewith, a copy of the proceedings of the meeting of local committee held on 4/5/2016 under the Chairmanship of Sh. Kamaldeep Singh Sangha, IAS, Deputy Commissioner, Fatehgarh Sahib, to review the progress of various departments for implementation of Action Plan for abatement of pollution in critically polluted area of Mandi Gobindgarh.

I am hereby directed to request you to bring written progress report in future in the action plan meetings and an advance copy of the same is to be sent to this office well before date of meeting.

DA/As above

Environmental Officer

Enclst. no. 319.....

dated 16/5/2016


A copy of the above alongwith copy of proceedings is forwarded to the PA to Deputy Commissioner, Fatchgarh Sahib for kind information please.
DA/As above


Environmental Engineer

Enclst. no. 320.....

dated 16/5/2016

A copy of the above alongwith copy of proceedings is forwarded to the Senior Environmental Engineer, Punjab Pollution Control Board, Zonal Office-II, Patiala for information please.
DA/As above


Environmental Engineer

Annexure-A

Subject: Proceedings of the local committee meeting held on 4/5/2016 under the Chairmanship of Sh. Kamaldeep Singh Sangha, Deputy Commissioner, Fatehgarh Sahib to review the progress made by various departments for implementation of Action Plan for abatement of pollution in critically polluted area of Mandi Gobindgarh

Following were present:

S.N.	Name of the Officer & Designation	Name of the Department
1.	Sh. Arvind Kumar, PCS	SDM, Amlah Transport Department
2.	Er. Lavneet Kumar, EE	PPCB, Regional Office, Fatehgarh Sahib
3.	Sh. Mahesh Kumar, GM	District Industries Centre
4.	Dr. Manjit Singh Dhaliwal, DMC	Civil Surgeon, Fatehgarh Sahib
5.	Sh. Jagjit Singh Judge, EO	MC, Mandi Gobindgarh
6.	Er. Gursharan Dass Garg, AEE	PPCB, Regional Office, Fatehgarh Sahib
7.	Dr. Kabul Singh Sandhu, CAO	Agriculture Department
8.	Sh. Hardeep Singh, ATP	DTP, Fatehgarh Sahib
9.	Sh. Amarjit Singh, SDE	PSIEC, Chandigarh
10.	Sh. M.K. Garg, SDE	PWD (B & R), Sirhind
11.	Sh. Ranjit Singh, Process Engineer	PSCST, Chandigarh
12.	Sh. Sandeep Singh Grewal	Agriculture Department
13.	Sh. Karnail Singh, Inspector	Punjab Police, Fatehgarh Sahib
14.	Sh. Kuldeep Singh, DPRO	Fatehgarh Sahib
15.	Sh. Narinder Kumar, Forest Range	Khamano
16.	Sh. Harmandeep Singh, Forest Range	Sirhind
17.	Sh. Rajeev Goyal	NHAI
18.	Sh. H.A. Sharma	GAIL Authorities
19.	Sh. B.C Verma	AISRA, Mandi Gobindgarh

At the outset, Er. Lavneet Kumar, Environmental Engineer, PPCB, Regional Office, Fatehgarh Sahib welcomed the Chairperson of Hon'ble Deputy Commissioner, Fatehgarh Sahib with all the stake holders and presented brief background of action plan to improve the Environment of Mandi Gobindgarh. Punjab Pollution Control Board informed the house that the Industrial cluster of Mandi Gobindgarh was identified as one of the critically polluted clusters by the Ministry of Environment & Forests vide office memorandum J-11013/5/2010-IA II (I) dated 13/1/2010. Punjab Pollution Control Board has taken this as a challenge and also as an opportunity in order to achieve significant improvements in environmental quality and pave the way for sustainable development in the area. A comprehensive remedial environmental action plan was prepared in consultation with all the stakeholders, including industrial Associations. The multidisciplinary action plan is based on Prevention, Promotion and Mitigation (PPM) principles emphasizing on a time bound implementation of effective measures. The target dates given to various departments for the implementation of the action plan has already been expired however, the desired progress has not been made. He requested all the departments to give fresh target dates alongwith the reasons for not achieving the previous target dates. He also informed that a team from MoEF visited Mandi Gobindgarh to review the progress of action plan on 16/11/2015 and issues regarding the Action Plan were discussed in details. They pointed out certain observations regarding the progress of Action Plan. Then, department wise presentation was given to the house as under:

Deptt. of Industries & Commerce / PSIEC / PSIDC/ DTP

S. N.	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Supply of CNG to rolling mills and forging units through the gas pipeline being laid by GAIL (Gas Authority of India Ltd.)	July, 2013	<ul style="list-style-type: none"> • In the previous meeting, Chairperson taken a serious view regarding the absence of GAIL representatives in the meeting. He directed GMDIC to hold a joint meeting with GAIL and M/s Parbhat Heavy Forge, Mandi Gobindgarh within 7-days so as to resolve the issue and to submit the report within one week to PPCB. • The representative GAIL informed that 2000 Sq. ft of land is being taken in M/s Parbhat Heavy Forge for safety measures so as to handle the problem in emergency. • The representative GAIL further informed that now work has been awarded to IMR Energy by Petroleum and Natural Gas Regulatory Board (PNGRB) and IMR Energy will release the connections. 	Chairperson directed representative of the GAIL authorities to supply the gas to M/s Parbhat Heavy Forge immediately so that this unit become a model unit of the State.
2.	Provision of environmental infrastructure in Focal Point, Mandi Gobindgarh including wastewater treatment facilities, improved water supply, road infrastructure, parking facilities and green cover within the industrial areas.	(i) Repair of sewerage system by 31.3.2011. (ii) Provision of treatment & disposal facilities by 31.12.2011.	<ul style="list-style-type: none"> • SDO, PSIEC told in the last meeting that DPR of STP had already been framed and now is being sent to Technical Advisor to Hon'ble Chief Minister, Punjab for vetting the same. • SDO, PSIEC informed that the DPR is under vetting. 	Chairperson directed to representative of PSIEC to pursue the mater personally so that STP should be installed within stipulated time period i.e. by 30/6/2016 and commissioned by 30/9/2016
3.	Shifting of industries, which are located in the non-designed areas, to the designated areas	Industries located in non-designated area will be shifted as per the provisions made in the Master Plan to be notified by the Government for Mandi Gobindgarh.	<ul style="list-style-type: none"> • In the last meeting, Chairperson directed DTP to follow up the matter with GMADA and get the issuance of necessary continuation certificates to the concerned industries. • Representative of DTP informed that continuation certificates has already been issued to 7 no. industries, 2 no. industries have not submitted all requisite documents and one no. industry has closed down its operation. 	Chairperson was satisfied with the progress.

4.	Awareness campaign to increase green cover in industrial areas.	<ul style="list-style-type: none"> Continuous 	<ul style="list-style-type: none"> In the last meeting, it was decided that more plantation be carried out. 	Chairperson directed that more plantation be carried in the forthcoming rainy season.
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Deptt. of Local Bodies / M.C. Mandi Gobindgarh/ PWSSB

S. N.	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Installation of STP and disposal of treated wastewater onto land for irrigation / plantation.	31/12/2011	<ul style="list-style-type: none"> SDO, PWSSB informed that 92% of total work of STP has been completed. He further informed that the STP will be completed by 30/6/2016. 	<ul style="list-style-type: none"> Chairperson was satisfied with the progress.
2.	Laying of sewer lines in remaining areas and connecting with the sewage treatment facilities.	30/9/2013	<ul style="list-style-type: none"> XEN, PWSSB informed in the last meeting that all the work has been completed except Guru Ki Nagari. He further informed that MC has not allotted the land to be required for laying of sewerage line, which has to be connected with the old sewerage line under the railway line, leading to STP. Representative of MC informed that land to be acquired for the pumping station falls out of MC limits and comes under the purview of Punjab Water Supply and Sewerage Board. He further informed that PWSSB has been written vide MC office letter no. 411 dated 1/2/2016 to acquire the land of 20' x 10'. 	Chairperson suggested that a bare minimum land for pumping station may be bought by MC, Mandi Gobindgarh as acquiring the land is a very lengthy procedure. Chairperson also directed that land should be purchased after negotiation before the next meeting.
3.	Development of engineered municipal solid waste dump site and compliance of provisions of the Municipal Solid Waste (Management & Handling), Rules, 2000	<ul style="list-style-type: none"> Identification of land fill site by 30.09.2010. Development of land fill site by 31.12.2011. 	<ul style="list-style-type: none"> MC, Mandi Gobindgarh submitted a report dated 11/2/2016 in the meeting. As per this report, MC is complying with the 10 point action plan of MSW Rules, 2000. PPCB informed that the MSW dumping site is not complying with the 10 point action plan. PPCB also informed that the layer of soil is not being provided to maintain the temporary land fill site as per rules. 	Chairperson directed MC authorities to submit a proposal for developing the MSW dumping site on another suitable place. He further directed to make plantation of phycus plant around the MSW dumping site in the last week of June, 2016.
4.	Improvement of Road infrastructure for better and smooth traffic movement.	Continuous	<ul style="list-style-type: none"> MC authorities informed that work of laying of bitumen is in progress and will be completed within one month. 	Chairperson directed the MC, Mandi Gobindgarh to speed up the work and complete it within time period.

5.	Upgrading traffic lights for smooth traffic movement.	<ul style="list-style-type: none"> • Identification of congested traffic cross sections by 30/9/2010. • Upgradation and implementation of plan by 31/12/2010. 	<ul style="list-style-type: none"> • MC authorities informed that CCTV camera will be provided at different locations within a period of two months for which tendering is being carried out in the next week. 	Chairperson directed the MC to speed up the work and to complete it within stipulated period
6.	Steps for compulsory installation of rainwater harvesting structure by the different establishments within the city.	Continuous	<ul style="list-style-type: none"> • MC, Mandi Gobindgarh informed that building plans of the house having area more than 250 Sq. yards are being issued with the provision of rainwater harvesting system. • MC, Mandi Gobindgarh also informed that checking of these houses is also being carried out. 	Chairperson directed MC authorities to issue letters to Architects/ Draftsmen to provide detailed design of rainwater harvesting system in the building plans. Chairperson further directed to impose a condition to Architects/ Draftsmen at the time of issuing licence. The progress will be monitored in the next meeting.
7.	Increasing green cover in city and provision of green belt/ buffer zones separating industrial areas from residential areas.	<ul style="list-style-type: none"> ➤ First phase of plantation by 31/8/2010. ➤ Second phase of plantation by 28/2/2011. ➤ Plantation shall be done regularly. 	<ul style="list-style-type: none"> • EO, MC, Mandi Gobindgarh informed that 1650 no. trees (550 Chakersia, Ficus and other trees) were planted at Truck Stand, MC Office, Shree Hargobind Singh Khalsa School and Aggarsain Park. 	Chairperson directed the MC authorities to plant more trees in co-ordination with Forest Department in the forthcoming rainy season.
8.	Mandatory requirement to provide canopies with the exiting D.G sets alongwith stacks as per norms fixed by the PPCB and not to allow any shop, office/ commercial establishment to install D.G. sets without canopy and to take policy decision regarding regulation of D.G. sets in residential houses.	Existing D.G. sets by 31/12/2010.	<ul style="list-style-type: none"> • MC, Mandi Gobindgarh informed that out of 13 DG sets installed on tubewells of MC, Mandi Gobindgarh, canopies have been provided on 6 DG sets. The work of providing canopies on the remaining DG sets is in progress. • During the last district level meeting held on 11/2/2016, the representative of MC, Mandi Gobindgarh informed that 44 commercial establishments having DG sets had not provided canopies. Therefore, MC, Mandi Gobindgarh was asked to pursue these establishments to provide canopies on the DG sets. 	The Chairperson expressed satisfaction over the progress made in this regard and directed the officials of MC, Mandi Gobindgarh to provide canopies on the remaining DG sets provided with the tubewells of MC, Mandi Gobindgarh and to pursue the commercial establishments identified by it to provide canopies on the DG sets.

Deptt. of Transport

S. No.	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Plan for effective traffic management including provision of traffic lights, notification of one way traffic, parking of vehicles at the designated place, challaning of polluting vehicles etc.	Traffic management plan to be prepared by 31/12/2010 and to be implemented thereafter on regular basis.	<ul style="list-style-type: none"> • The flyovers have been constructed by NHAI in Mandi Gobindgarh for smooth movement of traffic. • DTO, Fatehgarh Sahib vide its letter no. 1536 dated 4/5/2016 informed that 68 no. vehicles have been challaned for air pollution. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress.
2.	Phasing out of 15 years old commercial transport vehicles.	➤ Continuous	<ul style="list-style-type: none"> • District Transport Officer, Fatehgarh Sahib submitted an undertaking vide its letter no. 4121 dated 17/11/2015 that no commercial vehicle older than 15 years is being used. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress.
3.	Increased monitoring of vehicles running without P.U.C certificates.	➤ Continuous	<ul style="list-style-type: none"> • DTO, Fatehgarh Sahib informed that 280 vehicles were challaned from 1/1/2015 to 11/2/2016 for not having PUC certificates. 	<ul style="list-style-type: none"> • Chairperson directed District Transport Officer to ensure that the PUC certificates are properly issued to the vehicle owners.
4.	Banning of pressure horns.	➤ Continuous	<ul style="list-style-type: none"> • DTO, Fatehgarh Sahib vide its letter no. 1536 dated 4/5/2016 informed that 36 no. vehicles have been challaned for noise pollution. • 	<ul style="list-style-type: none"> • Chairperson suggested that use of pressure horns can be stopped more effectively if their manufacturing is stopped.
5.	Checking the use of adulterated fuel and impounding of such vehicles.	➤ Continuous	<ul style="list-style-type: none"> • District Transport Officer submitted an undertaking vide its letter no. 4121 dated 17/11/2015 that no adulterated fuel is being used in the vehicles. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress.

Deptt. of Home Affairs/ Police

S. No.	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Formation and implementation of proper traffic management plan for smooth flow of traffic.	30/09/2010	<ul style="list-style-type: none"> PPCB requested the Chairperson to drop this item as this activity had already been completed and complied due to completion of National Highway Bridge. 	Chairperson was satisfied with the progress.
2.	Implementation of Noise (Prevention & Control of Pollution) Act, 2000 for control of noise from D.G. sets and other non-point sources.	Continuous	<ul style="list-style-type: none"> As per report given by the SSP, Fatehgarh Sahib vide its letter no. 11104-05 dated 7/3/2016 that 71 no. vehicles were challaned in the month of February, 2016 for not having valid PUC certificate and 15 no. vehicles were challaned in the month of February, 2016 for noise pollution. EE, PPCB informed that there is no big marriage palace in Mandi Gobindgarh and only two small marriage palaces with gathering capacity of only 200 persons are there. 	Chairperson was satisfied with the report.

Deptt. of Forests

S.N	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Implementation of Action plan for greening Mandi Gobindgarh	31.3.2011	<ul style="list-style-type: none"> Year wise plantation carried out by Deptt. of Forests is given as under 2010-11—5000 2011-12—11000. 2012-13—22500. Department of Forests informed that no targets were fixed for the year 2013-14 and 2014-15. Therefore, the Deputy Commissioner, Fatehgarh Sahib requested the Principal Chief Conservator of Forests vide letter dated 26/8/2015 to fix the targets for their periods for making plantation in Mandi Gobindgarh. As per the information given by the Divisional Forest Officer, Patiala vide its letter dated 9/2/2016, no targets have been fixed for the year 2014-15 and 2015-16. 	<ul style="list-style-type: none"> Chairperson stated that representative of Forest Department informed during the State Level meeting held on 29/4/2016 at Ludhiana that the targets for making plantation during the year 2016-17 would be fixed by their department and accordingly, the plantation should be carried out in Mandi Gobindgarh. The Chairperson directed that proper planning may be made to carry out plantation during the entire year, especially, before the forthcoming rainy season.

Deptt. of PWD (B&R)

S.N	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Improving road conditions for smooth movement of traffic and provision of flyovers/ underpasses etc.	<ul style="list-style-type: none"> ➤ Identification of traffic bottlenecks and preparation of scheme by 31/12/2010. ➤ Implementation of scheme regarding flyovers / underpasses by 31/12/2012. 	<ul style="list-style-type: none"> • With the construction of flyovers and underpasses by NHAI in Mandi Gobindgarh, the movement of traffic has been improved. 	<ul style="list-style-type: none"> • Chairperson was satisfied with the progress.
2.	Increasing green cover on roadside under their jurisdiction.	<ul style="list-style-type: none"> ➤ Identification of vacant land for plantation by 30/9/2010. ➤ Preparation of plan for plantation by 30/9/2010. ➤ Plantation in the entire vacant land by 31/3/2011. 	<ul style="list-style-type: none"> • During the last district level meeting held on 11/2/2016, the officer of PWD (B&R) informed that the construction work of flyover has been completed and PSIDC has been requested to make necessary plantation on its berms. 	<ul style="list-style-type: none"> • The Chairperson directed the officials of PWD (B & R) to ensure that the plantation work is completed by June, 2016.

District Administration / Deputy Commissioner, Fatehgarh Sahib

S. No.	Activity	Target date	Progress Report	Decision taken during the meeting
1.	To impose complete ban on the stubble burning in the agricultural fields around Mandi Gobindgarh.	30/9/2010.	<ul style="list-style-type: none"> • Orders u/s 144 of CrPC have been issued vide letter no. 3887-3917 dated 5/4/2016 by the District Magistrate, Fatehgarh Sahib regarding complete ban on stubble burning. 	<ul style="list-style-type: none"> • The Chairperson directed that all concerned departments/authorities shall take necessary steps to ensure that the orders dated 10.12.2015 passed by the Hon'ble National Green Tribunal, New Delhi regarding complete ban on stubble burning are complied with in letter and spirit.

2.	Regulate the use of loud speaker and sound system by the religious places and marriage palaces.	Immediate	<ul style="list-style-type: none"> • EE, PPCB informed that Committee of SDM & DSP had already been framed to take action under the Noise (Prevention & Control of Pollution) Act, 2000 for DG sets and marriage palaces. • EE, PPCB informed that there is no big marriage palace in Mandi Gobindgarh and only two small marriage palaces with gathering capacity of only 200 persons are there. 	Chairperson was satisfied with the report.
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Punjab State Council for Science & Technology

S. No.	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Evolving of cleaner technologies and installation of pilot plants for improved effluent / emissions treatment technologies.	Continuous	<ul style="list-style-type: none"> • PSCST had given training to 172 re-rolling mills for achieving better feeding and firing practices on pulverized coal and further suggested that energy saving devices should to be provided for better efficiency and less energy consumption. • Now, all the operational steel re-rolling mills (215) have adopted better coal feeding/ firing practices and have installed the energy saving devices. • 25 no. induction furnaces have upgraded their APCDs on the basis of PSCST design by providing cyclone followed by bag filter house. 	Chairperson was satisfied with the report.

Deptt. of Agriculture

S.N	Activity	Target date	Progress Report	Decision taken during the meeting
1.	To propagate sustainable technology for bio-mechanization of agricultural waste including compost facilities.	To launch awareness campaign in the rural areas of Mandi Gobindgarh through print and electronic media.	<ul style="list-style-type: none"> • The Department of Agriculture informed that awareness camps are being organized to spread awareness among the farmers, so as to stop stubble burning. Moreover, lot of subsidies are also being offered to the farmers for various farm machineries to encourage them to stop stubble burning. • In the last district level meeting held on 11/2/2016, the Deputy Commissioner, Fatehgarh Sahib 	<ul style="list-style-type: none"> • The Chairperson directed that the PPCB should prepare a project report in consultation with Punjab State Council for Science & Technology (PSCST) for use of agricultural residue (stubble) in the boiler furnaces of industries and this report may be sent to the MoEF/CPCB for approval. • Chairman directed SDM to make awareness through mobile van on the similar pattern as in

			<p>directed the Department of Agriculture to take up the matter with Punjab Agriculture University, Ludhiana to create awareness among the farmers regarding technologies for the disposal of stubble, so as to avoid its burning.</p> <ul style="list-style-type: none"> • One industry i.e. M/s Shree Ganesh Edibles Oil Pvt. Ltd., Mandi Gobindgarh has installed co-generation power plant of 1.25 MW capacity in which about 125 TPD of stubble is used as fuel in the furnace. • EE, PPCB that awareness was made through a mobile van in District Gurdaspur by PPCB and Agriculture Department to crop residue burning. 	District Gurdaspur with help of PPCB and Agriculture Department.
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Deptt. of Health and Family Welfare

S. No.	Activity	Target date	Progress Report	Decision taken during the meeting
1.	Organization of Health Camps	First phase will be started in August, 2010. Thereafter in January, 2011 followed by every six months.	<ul style="list-style-type: none"> • Civil Surgeon, Fatehgarh Sahib informed that medical camps are being organized after every 3-months and camp has been organized on 10/3/2016, where 102 no. patients have been checked and no major disease reported in these camps 	Chairperson was satisfied with the progress and directed that camps may be organized on regular basis.

Punjab Pollution Control Board

S. N.	Activity	Target date	Progress Report	Department to submit report
1.	Upgradation of fugitive emission collection system of induction furnaces.	<p>(a) Preparation of design of modified air pollution control system by IIT, Roorkee by 15.11.2010</p> <p>(b) Installation, commissioning &</p>	<ul style="list-style-type: none"> • The representative of PPCB informed that there are 60 induction furnaces (out of 102), which are in operation and out of these furnaces 25 furnaces have upgraded their air pollution control systems from wet scrubber to cyclone followed by bag house filter as per design of PSCST. 	Chairperson was satisfied with the report and directed to carry out the monitoring of industries on regular basis.

		<p>monitoring of pilot plant by 28.2.2011.</p> <p>(c) Replication by other similar units by 30.9.2011.</p>	<ul style="list-style-type: none"> • There are about 245 no. of rolling mills out of total 342 no. rolling mills, which are in operation and 100% of these rolling mills had already installed energy saving devices. 	
2.	➤ Installation of online monitoring system.	<p>(i) Pilot project in NFL, Naya Nangal by 31.3.2011</p> <p>(ii) To be emulated by the large scale polluting industries in Mandi Gobindgarh within six months after successful commissioning of the pilot project.</p>	<ul style="list-style-type: none"> • M/s Modern Steels Ltd., M/s Bhawani Industries and M/s Nagar Sugar Mills installed online monitoring systems. • The results of M/s Nahar Sugar Mills is available on the web online. • Efforts are being made to displayed the results on web site very soon by other these industries. 	Chairperson was satisfied with the progress made.
3.	Switching over to tunnel type kiln by refractory units.	By 30.6.2011.	<ul style="list-style-type: none"> • Complied. All units have switched over to tunnel type kiln and installed alkali wet scrubber as per the requirement of Pollution Control Board. Therefore, this point is complied herewith. 	Chairperson was satisfied with the progress made.
4.	Vigorous monitoring of the air and water polluting industries.	Continuous process.	<ul style="list-style-type: none"> • The representative of the PPCB informed that from 1/4/2015 to 31/3/2016, 1234 industries have been visited by the RO, Fatehgarh Sahib. • Notices u/s 33-A of Water Act, 1974 were issued to 23 no. industries. • Notices u/s 31-A of the Air Act, 1981 were issued to 41 no. industries • Directions u/s 33-A of the Water Act, 1974 were issued to 11 no. industries • Directions u/s 31-A of the Air Act, 1981 were issued to 20 no. industries 	Chairperson was satisfied with the progress made.
5.	(i) Shifting of hazardous waste to the Common TSDF by the industries.	By 31.12.2010.	<ul style="list-style-type: none"> • EE, PPCB, Fatehgarh Sahib informed that hazardous waste generated by the industries is being shifted to TSDF regularly and it is a continuous process. 	Chairperson was satisfied with the progress made by the Board.

	(ii) To carry out feasibility studies for GPS based tracking system for hazardous waste going to TSDF.	By 31.3.2011	<ul style="list-style-type: none"> Feasibility studies for GPRS based tracking system for hazardous waste going to TSDF are being carried out. 	
6.	Preparation of inventory of E-waste	By 31.3.2011	<ul style="list-style-type: none"> The rules for management & handling of E-waste have been notified by Ministry of Environment & Forest, New Delhi which are being effected from 1/5/2012 and action for implementation of these rules is under process by the Board. The Board has authorized the vendors for lifting and disposal of e-waste as per Rules. Regular monitoring also been carried out by the Officers of PPCB for keeping check on E-waste generated from the professional educational institutes falling under the jurisdiction of RO, Fatehgarh Sahib. Notices have already been issued in this regard. All the Educational Institutes and 5 no. large industries have already made agreement with M/s Ramky Enviro Engineers Ltd., Vill. Nimbua, Tehsil Dera Bassi. E. E, PPCB further informed that a camp is being organized in S.D. Public School and RIMT Campus on 18/11/2015 and 4/3/2016, respectively to make aware to the Educational Institutes, industries and various shop owners regarding the E-Waste Management Rules. 	Chairperson was satisfied with the progress made.
7.	Proper management of solid waste generated from cooling water recirculation tanks	By 31.3.2011.	<ul style="list-style-type: none"> The solid waste generated from cooling water recirculation tanks is disposed off for filling in low lying areas. 	Chairperson was satisfied with the progress made.

8.	<p>(i) Up-gradation of groundwater monitoring network.</p> <p>(ii) Up-gradation of ambient air quality monitoring network.</p> <p>(iii) Regular monitoring of surface water bodies.</p> <p>(iv) Source apportionment studies.</p>	<p>By 31/12/2010</p> <p>(ii) By 30.9.2011 subject to availability of funds.</p> <p>(iii) Continuous process.</p> <p>(iv) Within two years after the framing of guidelines by the CPCB in this regard.</p>	<p>(i) 6 stations have been set up for collection of the groundwater samples covering the entire critically polluted area of Mandi Gobindgarh. The sampling of the groundwater monitoring is being carried out by PPCB.</p> <p>(ii) Ambient air quality is being monitored on regular basis at the existing 3 stations set up in Mandi Gobindgarh and results are available on the website of Punjab Pollution Control Board i.e. www.ppcb.gov.in</p> <p>(iii) There is only one surface water body named as Sirhind Choe, which carries effluents of MC, Mandi Gobindgarh, Sirhind & Bassi Pathana. These MCsp have not installed any STP so far. These MCs may be directed to install the necessary sewage treatment plants. The Deptt. of Local Bodies may be asked to install the STPs in these towns in a time bound manner so as to improve the quality of surface water.</p> <p>(iv) Source apportionment studies will be carried out after receiving necessary guidelines from CPCB. Environmental Engineer, PPCB informed that the surface water sampling of Sirhind Choe was carried out before the monsoon and the surface water sampling had already been carried out on 10/6/2015.</p>	<p>---</p> <p>---</p> <p>The Chairperson directed M.C. Mandi Gobindgarh and PWSSB to expedite the work regarding installation of STP and implement the plan.</p> <p>---</p>
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