



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

SPEED POST

B-33014/07/2018/IPC-II/TPP/ 69270775

April 16, 2018

To

(As per List Enclosed)

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 regarding compliance of emission limit notified vide notification No.S.O.3305 (E) dated 07.12.2015 in Captive Power Plants (CPP)- reg.

WHEREAS, taking into consideration pollution from thermal power plants, Ministry of Environment, Forest & Climate Change had issued notification in the year 1984 laying out standards for thermal power plants. Further, the stack height regulation was notified in the year 1989 and effluent standard for thermal power plants was notified in the year 1986. The revised temperature limit of discharge of cooling water from the plants was notified in the year 1999 and thereafter use of beneficiated coal in the plants was issued in June 2002. The fly ash utilization notification was also issued On 14th September, 1999 and amended in the year 2003 and 2009. Thereafter, MoEF&CC vide Notification No. S.O.3305(E) dated 07.12.2015 has amended emission limit for particulate matter and notified new limits for Sulphur dioxide (SO₂), Oxides of Nitrogen (NO_x) and mercury emission, and water consumption limit for coal/lignite based thermal power plants. As per the notification dated 07.12.2015, thermal power plants were required to achieve the notified limit within two years from the date of the notification i.e. by 07.12.2017;

WHEREAS, with the implementation of the amendment dated 07.12.2015, it is expected that there would be reduction in emission of PM, Sulphur dioxide and oxide of Nitrogen, which in turn will help in improvement in Ambient Air Quality in and around thermal power plants, besides reduction of mercury emission and water use in the thermal power plants will reduce;

WHEREAS, electricity is cleanest form of energy which helps in mitigating house hold air pollution which is matter of concern;

WHEREAS, there is need to provide electricity supply to people who do not yet have access to it;

WHEREAS, taking into consideration the technical challenges and time requirements for installation of FGD and other technologies to meet the new emission limits, the MoEF & CC vide its letter F. No. Q-15017/40/2007-CPW dated 07.12.2017 has directed CPCB to direct all the thermal power plants to ensure compliance with the norms laid down in the 07.12.2015 notification in accordance with the revised Plan submitted by the Ministry of Power letter dated 13.10.2017;

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

WHEREAS, vide email dated 20.12.2017 MoEF & CC further directed CPCB to issue directions on similar lines to the units having Captive Power Plants.

WHEREAS, to decide time line for implementation for installation of FGD and other technologies to meet new emission in Captive Power Plants, meetings with Industrial Associations and technology providers were organised on January 17, 2018 & February 09, 2018 respectively and based on the assessment of time required to implement necessary measures to achieve revised emission norms, following time lines were decided for implementation of new emission norms notified on 07.12.2015 in Captive Thermal Power Plants:

- Captive Power Plants based on FBC (CFBC/AFBC and PFBC) to comply with new emission norm for PM & SO₂ by December 31, 2018.
- The Captive Power Plants which have to install FGD to comply with new emission norm for SO₂ by June 30, 2020 but comply with PM norms by December 31, 2018. The plants commissioned prior to December 31, 2003 to achieve NO_x 600 mg/Nm³ by December 31, 2018 and plants commissioned during 01.01.2004 -31.12.2016 to comply with emission limit of 300 mg/Nm³ by June 30, 2020.

WHEREAS, vide No. letter B-33014/7/2018/IPC-II dated February 13, 2018, the Ministry of Environment, Forest & Climate Change, Government of India, has been requested to consider the proposed time lines and grant approval for issuing directions to CPP for implementation of new emission norms as per the time line mentioned above.

WHEREAS, the MoEF&CC vide its letter F. No. Q-15017/40/2007-CPW dated 27.02.2018 has directed CPCB to take necessary action in the above matter under appropriate section of EPA, 1986;

WHEREAS, CPCB convened meetings with State Pollution Control Boards on 10 & 11 April, 2018 to obtain list of captive power plants in their States so that CPCB can issue directions for compliance of new norms.

WHEREAS, the Ministry of Environment, Forest & Climate Change, Government of India, vide Notifications No. S. O. 157 (E) of 27.02.1996 and S. O. 730 (E) dated 10.07.2002, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board, to issue directions to any industry or any local body or any other authority for violations of the standards and rules notified under the Environment (Protection) Rules, 1986 and amendment thereof.

NOW, THEREFORE, taking into consideration all material facts including environmental concerns and ensuring stability of power supply and need for implementation of new emission norms notified on 07.12.2015 and in exercise of powers vested under Section 5 of the Environment

(Protection) Act, 1986, you are hereby directed to comply with following directions :

- That Captive Power Plants based on FBC (CFBC/AFBC and PFBC) shall comply with new emission norm for PM & SO₂ by December 31, 2018.
- That Captive Power Plants which have to install FGD shall comply with new emission norm for SO₂ by June 30, 2020 and to comply with PM norms by December 31, 2018.
- That plants commissioned prior to December 31, 2003 to achieve NO_x 600 mg/Nm³ by December 31, 2018 and plants commissioned during 01.01.2004 -31.12.2016 to comply with emission limit of 300 mg/Nm³ by June 30, 2020.

A PERT chart indicating month wise activities to comply with the above directions shall be submitted to CPCB & SPCB within 2 months, failing which action will be taken under appropriate provisions of the Environment (Protection) Act, 1986


(SPS Parihar)
Chairman
Wt 20/04/18

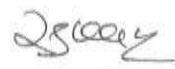
Copy to:

The Chairman
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector 10-A,
Gandhi Nagar 382 010, Gujarat

The Adviser (CP Division)
Ministry of Environment, Forests and Climate Change
Prithvi Wing, 2nd Floor, Room No. 216
Indira Paryavaran Bhawan, Aliganj,
Jor Bagh Road, New Delhi - 110003

The Regional Director
Central Pollution Control Board
Parivesh Bhawan, Opp. VMC Ward Office no. 10
Subhanpura, Vadodara - 390 023

The Divisional Head - IT, CPCB


(A. Sudhakar)
Member Secretary

List of Industries (Captive Power Plants) in Gujarat

Sl. No.	Name of Industries
1	M/s Birla Cellulosic, (A Division of Grasim India Ltd), Birladham, Village: Kharach, Kosamba, Ta: Hansot, Dist: Bharuch
2	M/s UPL Limited (Unit No.5), Plot No- 750,746, Jhagadia, Taluka: GIDC Jhagadia, Dist - Bharuch - 393110
3	M/s DCM Shriram Ltd (Unit: Shriram Alkali & Chemicals), Plot No- 749, GIDC Jhagadia Taluka, Dist- Bharuch - 393110
4	M/s Aarti Industries Ltd, --- Plot No- 758/1-2-3, GIDC Jhagadia Taluka, Dist- Bharuch - 393110
5	M/s Gulshan Polyols Ltd, Plot no- 762, 762/1,2,3, 769/1,/769/2, GIDC Jhagadia, Dist: Bharuch
6	M/s Vardham Acrylics Ltd, Plot No- 755, GIDC Jhagadia, Dist Bharuch - 392012
7	M/s Nirma Ltd (Caustic Soda & CPP), (IC-26296), Plot No. 478/P, 447-453, 455-457, Kalatalav- 364313 Dist- Bhavnagar
8	M/s Ultratech Cement Ltd, Gujarat Cement Works, Thermal Power Plant, Sr No. 297 & 298, Vill: Kovaya, Tal: Rajula, Dist: Amreli
9	M/s Arvind Ltd, Near Khatrej Village, Santej-Vadsar Road, Tal: kalol, Gandhinagar
10	M/s Bharat Vijay Mills, Nr. Seven Garnala, At- Kalol, Tal: Kalol, dist Gandhingar
11	M/s Tata Chemicals Ltd, Survey no. 34 to 49, 52,56,57,58/1,59&63 of village Mithapur Survey no 23/3 part, 40,41,46,65/2,73,75/1,152 of village surajkaradi mithapur 361345 Taluka: Dwarka, Dist; Jamnagar
12	M/s Vadinar Power Company Ltd, Sr No. 104, 128, 132, 133, State highway no- 25, Jamnagar Khambhalla Highway Vadinar - 361305 Tal: Khambhalla, Dist : Devbhoomi Dwarka

13	Indian Rayon (A unit of Aditya Birla Nuvo Ltd), Plot no, 1502, 1493, 13p, Veraval- 362266, Tal: Patan Veraval, SIDC Jungadh Dist, Junagadh,
14	M/s GHCL Ltd, Sutrapada Tal: Sutrapada - 362275 Dist: Junagarh
15	M/s Thermal Power Plant (A unit of Ambuja Cement), Survey no- 321 to 377, 328/P/1, Ambujanagar Vill, Tal: Kodinar, Ambujangar - 362715 Dist: Gir Somnath
16	M/s J.K. Paper Ltd, Plot No: 6/2, P.O. Central Pulp Mill, Fort-Songadh, Gunsada - 394660, Songadh, Dist : Tapi
17	Mafatlal Denim Ltd, Vejalpur, Vejalpur - 396445, Dist Navsari
18	M/s Shree Renuka Sugar Ltd, Survey No: 178/1, Vill: Bharapar, Tal: Gandhidham, Dist- Kutch 370201
19	M/s Shreeyam Powr And Steel Industries (New Name) Ruchi Power and steel Industries (Old Name) Plot No- 332, Phase-2, GDIC, Mithirohar Industiral Estate, Tal: Gandhidham, Dist Kutch
20	M/s A.S.R Multimetals Pvt. Ltd Plot No: 394, 398, 399/1&2,400, Vill: Chhadavada, Chhadavada-370201 Tal: Bhachau Dist: Kutch
21	M/s Varsana Ispat Ltd, Survey No: 126/2, 119, 116/1, 118, 117/P-1, 127/1, 129/P-2, 116/2, 121, 120, 125, 128, 129, 117, 135, 1361 126/1 Village: Varsana Po: Meghpur Borichi, Tal: Gandhidham Dist: Kutch
22	M/s Electrotherm (India) Ltd (Sponge Iron & Di Pipe Plant), Plot no- 325, Village: Samakhiyali, Taluka: Bhachau, Dist:Kutch East - 370140
23	M/S S.A.L. Steel Ltd, Plot No- 245/P, Village: Bharapar, Ta: Gandhidham, Dist: Kutch - 370201
24	M/s Nilkanth Concast Pvt Ltd, Survey No: 221, Village: Vadala, Taluka: Mundra, dist : Kutch- 376421
25	M/s Mono Steel (India) Ltd, Plot no: 374,375/1 & 2, 376, 377/1, & 2, 378/2, 396/1, 397, 398 Paiki 2, Vill: Dhamadaka, Ta: Anjar, Dist Kutch
26	M/s Welspun Captive Power Generation Ltd, Survey No: 671, 672 Vill: Varshamedi, Ta: Anjar Dist: Kutch
27	M/s Anukshakti Chemicals & Drugs Pvt Ltd, Sr No. 1430/1, National Highway No. 08, Taluka: Bhachau, Dist Kutch

28	M/s Gokul Agro Resources Ltd, Plot No: 89 & 76/1 P/1, S.No-89 Vill: Meghpar Borichi Road, Nr- Sharma Resort, Tal: Anjar, Dist: Kutch East, 370110
29	Kutch Chemical India Ltd, Plot No: 166/1-3 171, 172, 166, Vill: Padana, Taluka: Gandhidham, Dist: Kutch - 370110
30	M/s Uniworld Sugers Ltd, Plot no: 137, 144 to 147, 149/1, 2 & 3, Village: Varsamedi, Taluka: Anjar, Dist Kutch East
31	M/s Sanghi Industries Ltd, (thermal Power Plant), Plot No, Unsuveyed Land, Village: Akari - 370511, Tal: Abdasa, Dist Kutch
32	M/s Jaypee Gujarat Cement Plant, (A unit of Jaiprakash Associated Ltd) At Sewagram, Vill: Vayer, Taluka: Abdasa, Dist: Kutch - 370511
33	M/s ABG Energy Ltd, ABG Nagar, Vill: Thumdi, Taluka: Abdasa, Dist : Kutch- 370511
34	M/s Solaris Chemtech Industries Ltd, Plot No: 164, Vill: Ratadia, Ta: Bhuj Dist: Kutch 370510
35	M/s Archean Chemicals Industries Pvt. Ltd "Anandam" D/A, NU- 10 - B Opp. Lions Club, Shaktingar, Taluka: Gandhidham, Dist Kutch:
36	M/s Balkrishna Industries Ltd, Plot No. 470, 544/1, 545/1, 555 Vill: Paddhar, Ta: Bhuj, Dist Kutch - 370 105
37	M/s N.R. Agarwal Industries Ltd, Plot No: 69/1/P3, 68/1/P3/P1, 72/P3, 72/P1, 74/P2, 74/P3, 76/2P1, 75/1P4, 83/P1, 84/P1, 86/P1, 88/9/P1, 92/P2, 92/P2, 93/P2, 94/P1, 94/P2, Sarigam Kale Road, Vill: Angam & Sarigam, Tal: Umbergaon, Dist Valsad - 396 155
38	M/s Gayatri Shakti Paper & Board Mills, Plot No: 5003, 5003/1, GIDC, Sarigam, Ta: Umbergaon, Dist : Valsad : 396155
39	M/s Best Paper Mills Pvt Ltd (Unit-1) Plot No, 57 FGA/A, GIDC Estate, VAPI- 396195, Tal; Pardi, Dist Valsad.
40	M/s Best Paper Mills Pvt Ltd (Unit-2) Plot No, 57 FGH/B2, Phase- I GIDC Estate, VAPI- 396195, Tal; Pardi, Dist Valsad.
41	M/s Aarti Industries, (Acid Division) Plot No. 802,803,804/3 Phase-III, GIDC Estate Vapi-396195, Dist Valsad
42	M/s Shah Paper Mills Ltd, (Unit III) Plot No. 792,793,40 Shed Area GIDC Estate Vapi-396195, Dist Valsad
43	M/s Shah Pulp & Paper Mills Ltd, Plot No. 93 GIDC Estate Vapi-396195, Tal; Pardi, Dist Valsad

44	M/s Atul Ltd, Plot No. 5,6,29,30,33,34,35,37,38,80,81,84,85,91,& S.no 274,275,276, AT &PO Atul Pin- 396020, Dist Valsad.
45	M/s Welspun India Ltd., Survey number 76, Vill Morai Morai 396 191 Dsit Valsad.
46	M/s N.R. Agrawal Inds Ltd (Unit-2), Plot No.1 Phase-I, GIDC Estate Vapi-396195, Tal; Pardi, Dist Valsad
47	M/s Shree Ajit Pulp & Paper Ltd., Plot No. 239, Near Morai Railway Crossing, Vill Salvav, Vapi 396 195, Tal Pardi Dist Valsad.
48	M/s Aryan Paper Mills Pvt Ltd., Plot No. 177 & 178 Phase-II, GIDC Estate Vapi 396 195 Tal Pardi Dist Valsad.
49	M/s Alok Industries Pvt Ltd., (U-II), Plot No. 275/P2, 287/P3, 288/P6, Balitha- 396 191 Dist Vahad.
50	M/s Gujarat Fluorochemicals Ltd, Plot No 12-A Dahej Gidc Estate, Dahej 392 130 Tal Vagra
51	M/s Meghmani Finchem Ltd., Plot No. CH1/CH2 Gidc Dahej, Tal Vagra Dist Bharuch.
52	M/s Grasim Industries Ltd., (Chemical Division), Plot No. 1 Gidc, Vilayat Estate, Tal, Vagra Dist Bharuch.
53	M/s Nocil Ltd., Plot No. 12/A/I&13/B, Dahej-392130 Dist Bharuch.
54	M/s Hindalco Industries Ltd., At & PO Dahej Lakhigam, Tal Vagra, Dist Bharuch.
55	M/s Reliance Industries Ltd., Dahej Manufacturing Division Plot Dahej 392 130 Taluka Vagra Dsit Bharuch
56	M/s SRF Ltd., Plot No. D-II/1 Gidc Dahej-392 130 Tal-Vagra Dist Bharuch
57	M/s Vishal Fabrics Pvt Ltd, Ranipur Road., Narol Ahmedabad 382 405
58	M/s Jindal Worldwide Ltd., (Unit-1), Plot No. Survey No. 215, Chikoowadi Saijpur Gopalpur, Narol Vishala Road Narol Ahmedabad - 382445
59	M/s Chiripai Industries Ltd., Shanti Plot No 1&4
60	M/s Cil Nova Petro Chemical Ltd., Plot No. Sr No., 396/P & 395/4(P,) Sarkhej, Bavla Highway, Moraiya, Dist Ahmedabad

61	M/s Cil Nova Petro Chemical Ltd., Plot No. Sr No., 396/P & 395/4(P), Sarkhej, Bavla Highway, Moraiya, Dist Ahmedabad
62	M/s NIRMA Ltd., SR.No 403,405,406,407,414 Plot No., 358, 359, 364,392-396,482,901,906,907 Vill Sachana Tal Viramgam Dist Ahmedabad
63	M/s NIRMA Ltd., SR.No 403,405,406,407,414 Plot No., 358, 359, 364,392-396,482,901,906,907 Vill Sachana Tal Viramgam Dist Ahmedabad
64	M/s ABELLON Cogen Ltd., (CLARIS Infrastructure Ltd.), Vill Vasna Chacharawadi, Sanand Dist Ahmedabad
65	M/s ABELLON Clean Energy Ltd., (Power Plant) Plot No. 338/P, 341/1, 342/2 Khas - 382255 Ta Ranpur Dist Botad.
66	M/s Reliance Industries Ltd., (RIL), Vill Mora, P.O Bhatha, Shrat Bazira Road Dist Surat.
67	M/s Surat Super Yarn Park Ltd., Plot No./Phase No. R.S.No. 195, Block No. 282, Hathuran, Hathuran - 394 125, Tal Mangrol Dist Surat
68	M/s Aaiswarya Prints Dyg. & Pig, Mills Pvt Ltd., Plot No. Block No. 72, Village Vareli, Vareli - 395327 Tal Palsana Dist Surat.
69	M/s Garden Silk Mills Ltd., (CPP Div), Plot No. 196,197,124/A, 202-5,225/7,229,230, Jolwa 394705 Tal Palsana Dist Surat.
70	M/s Pioneer Syntex Pvt Ltd., Plot No., 391, GIDC Estate Pandesara 394221 Tal, Chorasi Dist Surat.
71	M/s Prafful Industries Pvt Ltd., Plot No. 507, Road No. 82 Gidc Estate Sachin 394230 Tal, Chorasi Dist Surat
72	M/s Siddhi Vinayak Knots & Prints Pvt Ltd., Plot No. A 26-28 A26-28 Central Park Gidc Pandesara Pandesara - 394 221 Tal Chorasi Dist Surat.
73	M/s Bantbia Textiles Industries pvt Ltd., Plot No. 5537, 5337/2 Road No. 55 GIDC Sachin - 394230 Tal Chorasi Dist Surat.
74	M/s Rama Newsprint and Papers Ltd., Village Barbodhan, Olpab, Barbodhan 395005 Tal Olpad Dist Surat.
75	M/s Astron Paper & Board Mill, Plot No 52/1-253/1-2 Village Sukhpur 363330 Ta. Halvad Dist Surendranagar.
76	M/s Vraj Integrated Textile Park Ltd., Village Bidej N.H.NO.-8 Ta & Dist Kheda 387120
77	M/s Mafatlal Industries Ltd., Plot No. 2515,2538,2540,2545,2551,2559,2561,2577, Textile Div. Kapdwanj Raod, Ta., Nadiad Dist Kheda 387001
78	M/s Mafatlal Industries Ltd., (Textile Div.), Kapdwanj Raod, Ta., Nadiad Dist Kheda 387001

79	M/s Saurashtra Chemicals Division of Nirma Ltd., Bilralasagar Vill Chhaya, Porbandar 360576 Ta Dsit porbandar.
80	M/s Saurashtra Cement Ltd., Sr No. 5/6 Vill Adityana. Adityana Ta Ranavav Dist Porbandar.
81	M/s Orient Abrasives., Plot no. 400 Gidc Industrial Area Dharampur 360577 Ta & Dist Porbandar.
82	M/s Jay Chemical Industries Ltd., (Unit-4)(ID 17439) (Formally J.H. Kharawala Pvt Ltd.,) Plot No. S.no 667 To 371 716, 757 (except- 752) Tal. Khambhat Dist Anand.
83	M/s Gujarat Ambuja Exports Ltd., (Cotton yarn Div)1, Vrindavan Road AT Daipur, Tal. Prantij Dist Sabarkantha.
84	M/s Gujarat Ambuja Exports Ltd., Plot no 1 Bio Chemical Div., Vrindavan Road AT Daipur, Tal., Prantij Dist Sabarkantha