



SPEED POST

B-33014/07/2018/IPC-II/TPP/ 834 To 891

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;

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


Copy to:

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 The Divisional Head - IT, CPCB


(A. Sudhakar)
Member Secretary

List of Industries (Captive Power Plants) in Odisha

Sl. No.	Name of Industries
1	M/s Aarti Steels Ltd, (Steel & Power), Ghantikhal, PO- Mahakalbasta, Via - Athagarh, Dist- Cuttack - 754 029
2	ACC Limited., Baragarh Cement Works, Cement Nagar, Bardol, Bargarh
3	Action Ispat & Power (P) Ltd., At- Pandripathar, PO-Marakuta, Dist- Jharsuguda
4	ADHUNIK METALIKS LTD., (Formerly Neepaz Metaliks Ltd), Chadrihariharpur, Kuarmunda, Sundargarh
5	Aditya Aluminium, Hirakud, At/PO - Lapanga , Sambalpur - 768212
6	ARYAN ISPAT & POWER PVT. LTD, At -Bamloi, Rengali, Sambalpur
7	BHASKAR STEEL & FERRO ALLOYS LTD, PO - Tumkela, Rajamunda, Dist - Sundargarh
8	Bhusan Energy Ltd., Narendrapur, Kusupanga, Meramundali, Dhenkanal
9	Bhushan Power & Steel Ltd., At- Thelkolo, Po - Lapanga, Rengali, Sambalpur - 768 232
10	Bhushan Steel Ltd., At-Narendrapur, Po- Kusupanga, Meramandali, Dhenkanal
11	BILT Graphic Paper Products Ltd. (Sewa paper) Gangapur, Jeypore, Koraput
12	Bindal Sponge Iron Ltd., AT- Sunakhani, PO - Talcher, Dist- Angul
13	M/s Birla Tyres, At- Chhanpur, Via-Kuruda, Balasore-756056
14	DEEPAK STEEL & POWER LIMITED., At - Uliburu, PO - Nalda, Dist - Keonjhar
15	DEEPAK STEEL & POWER LIMITED., At -Topadihi, PO- Guali, Keonjhar

16	Emami Paper Mill Ltd, Balgopalpur, Balasore
17	M/s Essar Power, Paradeep
18	M/s Facor Power, Randia, Bhadrak
19	Hindalco Industries. Ltd, Sambalpur, Odisha
20	IDCOL Kalinga Iron Works Ltd., Matkambeda, Barbil, Keonjhar 758036
21	IFFCO (OSWAL Chemical & Fertilizer) (Power Plant), Musadiha, Paradeep, Jagatsinghpur
22	IMFA (CPP) (formerly ICCL), Kapileswar, Choudwar, Cuttack
23	J. K. Paper Ltd, Jaykeypur, Koraput, Rayagada
24	Jindal Stainless Ltd., At- Kalinga Nagar Industrial Complex, Duburi, Jajpur
25	Jindal Steel & Power Ltd., (Pellet Plant), Deojhar, Barbil, Keonjhar -758035
26	KAMALJEET SINGH AHLUWALIA, (Steel & Power Division), Barpada, Guali, Keonjhar
27	MAITHAN ISPAT LIMITED, Kalinga Nagar Industrial Complex, Dist - Jajpur
28	Mangalam Timber Product Ltd., Kusumi, Nabarangpur, 764059
29	MSP Metallics Limited., At -Marakuta, Jharsuguda, - 768 202
30	Nalco Refinery, Nalco Ltd, Damanjodi, Koraput-763 008
31	NALCO Limited (Captive Power Plant), Angul, Odisha

32	Nava Bharat ventures Ltd.(CPP) , Kharagprasad, Meramundali, Dhenkanal
33	Neelachal Ispat Nigam Ltd., Kalinga Nagar Industrial Complex, Duburi, Dist - Jajpur.
34	OCL India Ltd, (Cement Division) Rajgangpur, Sundargarh
35	OCL IRON & STEEL LTD., Lamloi, Garvana, Rajgangpur, Sundargarh-770 017
36	Orissa Sponge Iron Ltd., At/ Po - Palaspanga, Dist - Keonjhar
37	PATNAIK STEELS & ALLOYS LTD., Purunapani, Po Dubna, Via- Nayagarh, Keonjhar
38	Rathi Steel & Power Ltd., At-Patapali, Sikrdi, A- Katapali, Dist - Sambalpur
39	Rourkela Steel Plant, (SAIL) (Steel & CPP) , At- Rourkela Steel Plant , SAIL, Rourkela, Sundargarh
40	Rungta Mines Limited, (Sponge Iron Division) At- Kamanda, Po-Koira, Dist - Sundargarh
41	Scan Steels Ltd., (Unit-II), At - Budhakata, Po - Biringatoli, Dist - Sundargarh
42	Seven Star Steesl Ltd., At - Kelendamal,Po- Gudigaon, Jharsuguda
43	SHREE GANESH METALIKS LIMITED, At-Chardihariharpur, Po - Kalosihiria, Via- Kuarmunda, Sundargarh - 770039
44	Shree Jagannath Metaliks Industries Ltd., Khaparkhai, Palaspanga, Keonjhar
45	Shri Jagannath Steels & Power Ltd., (Formerly Beekay Steels & Power Ltd), Vill - Uliburu, Po-Nalda, Barbil, Dist-Keonjhar
46	Shri Mahavir Ferro Alloys Pvt. Ltd., Kalunga Industrial Estate, Kalunga, Sundargarh-770031
47	Shyam Metalics & Energy Ltd., (Formerly Shyam DRI Power Ltd), Pandloi, Po - Rengali, Dist - Sambalpur

48	SMC Power Generation Limited At/Po-Hirma, Dist- Jharsuguda -768 202
49	Sree Metaliks Limited, At- Loidapada, Po- Guali, Barbil, Dist - Keonjhar
50	Surendra Mining Industries (P) Ltd., Barahamusa, Pandurisila, Dist - Sundargarh
51	Tata Steel Ltd., At- Kalinga Nagar Industrial Complex, Duburi, Jaipur
52	Thakur Prasad Sao & Sons (P) Ltd., (UNIT-IV), At- Lahandabud, Po- H. Katapali, Dist- Jharsuguda-768202
53	Utkal Alumina Internatioal Ltd., (Aditya Birla), Dureguda, Kucheipadar, Rayagada-765015
54	Vedanta Alumina & Power Plant (Alumina Refinery), Lanjigarh, Kalahandi-766 027
55	Vedanta Ltd., (formerly Sesa Sterlite Ltd), (Aluminium) Bhurkhamunda, Jharsuguda,
56	Viraj Steel & Energy Ltd., At- Gurupali, Rengali, Dist -Sambalpur
57	Visa Steel Limited., At- Kalinga Nagar Industrial Complex, Jakhapura, Jajpur
58	Yazdani Steel & Power Ltd., At - Kalinga Nagar Industrial Complex, Dist - Jaipur