

TREATMENT OF EFFLUENTS BY INDUSTRIAL UNITS

12th March, 2015

RSQ 1610

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Will the Minister of ENVIRONMENT, FORESTS AND CLIMATE CHANGE be pleased to state:

- (a) whether Government/Central Pollution Control Board monitors the compliance of national standards stipulated for treatment of effluents by industrial units, if so, the details and the outcome thereof during the last one year, State-wise;
- (b) whether several polluting units have been closed down due to non-compliance of the said standards, if so, the details thereof during the said period, State-wise; and
- (c) the assistance, in terms of financial and technological knowhow provided to the States in this regard during the said period, State-wise?

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE (SHRI PRAKASH JAVADEKAR)

(a)to(c) The Central Pollution Control Board (CPCB) under its Environmental Surveillance Squad (ESS) programme carry out surprise inspections of 17 categories of highly polluting industries based on adoption of a uniform approach and elimination of subjectivity in scheduling of inspections and their follow-up actions through six Zonal Offices of CPCB. The surprise inspections are carried out to assess the adequacy of pollution control systems adopted by these industries and check the compliance status of pollution control standards.

During the last one year (2014-15), the CPCB has issued directions to 10 defaulting industries under Section 5 of Environment (Protection) Act, 1986 and one to State Pollution Control Board (SPCB) under Section 18(1)(b) of Air (Prevention and Control of Pollution) Act, 1981 / Water (Prevention and Control of Pollution) Act, 1974 in respect of the defaulting industries. The State-wise and sector-wise summary status of the number of directions issued by CPCB under ESS inspections during the last three years and upto Jan, 2015 is given at Annexure-I and II respectively. The list of polluting industries which were issued closure directions during 2011 to 2014 are given at Annexure-III.

The Ministry of Environment, Forests and Climate Change (MoEF&CC) is implementing a number of schemes including abatement of industrial as well as environmental pollution for control and prevention of water pollution under which financial assistance by MoEF&CC and technical assistance by CPCB is provided to the State implementing agencies.

ANNEXURE-I REFERRED TO IN REPLY TO PART (A) TO (C) OF RAJYA SABHA UNSTARED QUESTION NO. 1610 DUE FOR REPLY ON 12.03.2015 REGARDING 'TREATMENT OF EFFLUENTS BY INDUSTRIAL UNITS' BY SHRIMATI RAJANI PATIL AND OTHERS:

| State-wise Number of industries inspected under ESS to whom Directions under Section 5 & Sec 18(1)(b) issued during 2011-2015 (Jan 2015) | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------------|--------------|---------------------|--------------------------|--------------|---------------------|--------------------------|--------------|---------------------|--------------------------|--------------|---------------------|--------------------------|--------------|---------------------|
| S. No. | State | 2011-12 | | | 2012-13 | | | 2013-14 | | | 2014-15 | | | Sub-Total | | |
| | | No. of Ind. Insp. | Sec 5 | Sec 18(1)(b) | No. of Ind. Insp. | Sec 5 | Sec 18(1)(b) | No. of Ind. Insp. | Sec 5 | Sec 18(1)(b) | No. of Ind. Insp. | Sec 5 | Sec 18(1)(b) | No. of Ind. Insp. | Sec 5 | Sec 18(1)(b) |
| 1 | Andhra Pradesh | 19 | 3 | 3 | 12 | 0 | 1 | 12 | 1 | 1 | 6 | 0 | 0 | 49 | 4 | 5 |
| 2 | Arunachal Pradesh | | | | 2 | 0 | 0 | | | | 0 | 0 | 0 | 2 | 0 | 0 |
| 3 | Assam | 15 | 1 | 0 | 16 | 4 | 0 | 8 | 1 | 1 | 3 | 0 | 0 | 42 | 6 | 1 |
| 4 | Bihar | 7 | 2 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 12 | 3 | 0 |
| 5 | Chattisgar | 12 | 5 | 1 | 4 | 1 | 1 | 12 | 2 | 0 | 4 | 0 | 0 | 32 | 8 | 2 |
| 6 | Delhi | 4 | 0 | 0 | | | | | | | 0 | 0 | 0 | 4 | 0 | 0 |
| 7 | Goa | 4 | 0 | 0 | 4 | 0 | 0 | | | | 0 | 0 | 0 | 8 | 0 | 0 |
| 8 | Gujarat | 13 | 3 | 2 | 16 | 1 | 1 | 16 | 3 | 0 | 8 | 0 | 0 | 53 | 7 | 3 |
| 9 | Harvana | 4 | 1 | 0 | 8 | 0 | 0 | 8 | 1 | 0 | 2 | 0 | 0 | 22 | 2 | 0 |
| 10 | Himachal | | | | 4 | 1 | 0 | 4 | 1 | 0 | 1 | 0 | 0 | 9 | 2 | 0 |
| 11 | Jharkhand | 6 | 4 | 0 | 2 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 18 | 4 | 0 |
| 12 | Karnataka | 4 | 1 | 2 | 8 | 1 | 0 | 4 | 2 | 0 | 4 | 1 | 0 | 20 | 5 | 2 |
| 13 | Kerala | 12 | 1 | 1 | 8 | 2 | 1 | 6 | 0 | 0 | 1 | 0 | 0 | 27 | 3 | 2 |
| 14 | Madhya | 19 | 2 | 3 | 8 | 0 | 0 | 6 | 1 | 0 | 6 | 0 | 0 | 39 | 3 | 3 |
| 15 | Maharash | 35 | 6 | 6 | 32 | 4 | 1 | 22 | 2 | 1 | 9 | 2 | 0 | 98 | 14 | 8 |
| 16 | Manipur | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | Meghalay | 6 | 1 | 1 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 12 | 1 | 1 |
| 18 | Mizoram | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | Nagaland | | | | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |
| 20 | Orissa | 8 | 4 | 1 | 12 | 3 | 1 | 7 | 0 | 0 | 4 | 0 | 0 | 31 | 7 | 2 |
| 21 | Pondicher | | | | | | | 4 | 1 | 0 | 1 | 0 | 0 | 5 | 1 | 0 |
| 22 | Punjab | 4 | 1 | 0 | 9 | 0 | 0 | 4 | 1 | 0 | 2 | 0 | 0 | 19 | 2 | 0 |
| 23 | Raiasthan | 16 | 2 | 1 | 36 | 1 | 3 | 20 | 0 | 1 | 3 | 0 | 0 | 75 | 3 | 5 |
| 24 | Sikkim | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | Tamil | 8 | 1 | 2 | 16 | 3 | 1 | 8 | 2 | 0 | 6 | 0 | 0 | 38 | 6 | 3 |
| 26 | Tripura | | | | | | | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| 27 | Uttar | 28 | 6 | 4 | 15 | 2 | 2 | 21 | 0 | 1 | 10 | 4 | 0 | 74 | 12 | 7 |
| 28 | Uttarakha | 8 | 2 | 1 | 6 | 0 | 1 | | | | 3 | 0 | 0 | 17 | 2 | 2 |
| 29 | West | 28 | 3 | 3 | 27 | 3 | 0 | 25 | 1 | 1 | 13 | 3 | 1 | 93 | 10 | 5 |
| | Total | 260 | 49 | 31 | 251 | 27 | 13 | 201 | 21 | 6 | 93 | 10 | 1 | 805 | 107 | 51 |

ANNEXURE-II REFERRED TO IN REPLY TO PART (A) TO (C) OF RAJYA SABHA UNSTARED QUESTION NO. 1610 DUE FOR REPLY ON 12.03.2015 REGARDING 'TREATMENT OF EFFLUENTS BY INDUSTRIAL UNITS' BY SHRIMATI RAJANI PATIL AND OTHERS:

Sectorwise Number of industries inspected under ESS to whom Directions under Section 5 & Sec 18(1)(b) issued during 2011-2015 (Jan 2015)

| Sl. No | Sector | 2011-12 | | | 2012-13 | | | 2013-14 | | | 2014-15 | | | Sub-Total | | |
|--------|-------------------------|-----------------------------|-----------|--------------|-----------------------------|-----------|--------------|-----------------------------|-----------|--------------|-----------------------------|-----------|--------------|-----------------------------|------------|--------------|
| | | No. of Industries inspected | Sec 5 | Sec 18(1)(b) | No. of Industries inspected | Sec 5 | Sec 18(1)(b) | No. of Industries inspected | Sec 5 | Sec 18(1)(b) | No. of Industries inspected | Sec 5 | Sec 18(1)(b) | No. of Industries inspected | Sec 5 | Sec 18(1)(b) |
| 1 | Aluminum | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 4 | 1 | 0 |
| 2 | Cement | 32 | 5 | 1 | 36 | 5 | 4 | 24 | 2 | 3 | 7 | 0 | 0 | 99 | 12 | 8 |
| 3 | Chloralkali | 3 | 1 | 0 | 3 | 0 | 0 | 2 | 1 | 0 | 2 | 0 | 0 | 10 | 2 | 0 |
| 4 | Copper | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| 5 | Distillery | 21 | 8 | 2 | 33 | 4 | 1 | 19 | 1 | 0 | 23 | 6 | 0 | 96 | 19 | 3 |
| 6 | Dye & Dye Intermediates | 12 | 3 | 0 | 6 | 0 | 0 | 6 | 0 | 0 | 2 | 0 | 0 | 26 | 3 | 0 |
| 7 | Fertilizer | 16 | 1 | 0 | 20 | 2 | 1 | 10 | 0 | 0 | 2 | 1 | 0 | 48 | 4 | 1 |
| 8 | Iron & Steel | 23 | 4 | 4 | 13 | 4 | 0 | 25 | 2 | 1 | 11 | 1 | 1 | 72 | 11 | 6 |
| 9 | Pesticide | 12 | 0 | 0 | 6 | 0 | 0 | 6 | 1 | 0 | 1 | 0 | 0 | 25 | 1 | 0 |
| 10 | Petrochemical | 7 | 0 | 0 | 8 | 0 | 0 | 10 | 1 | 0 | 4 | 1 | 0 | 29 | 2 | 0 |
| 11 | Pharmaceuticals | 26 | 6 | 5 | 28 | 1 | 0 | 29 | 6 | 0 | 7 | 0 | 0 | 90 | 13 | 5 |
| 12 | Pulp & Paper | 23 | 9 | 3 | 20 | 5 | 1 | 24 | 6 | 1 | 7 | 1 | 0 | 74 | 21 | 5 |
| 13 | Refinery | 4 | 2 | 0 | 6 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 13 | 3 | 0 |
| 14 | Sugar | 33 | 2 | 12 | 27 | 3 | 2 | 19 | 0 | 0 | 16 | 0 | 0 | 95 | 5 | 14 |
| 15 | Tannery | 8 | 1 | 2 | 7 | 0 | 1 | 5 | 0 | 0 | 4 | 0 | 0 | 24 | 1 | 3 |
| 16 | Thermal Power Plant | 37 | 6 | 2 | 33 | 2 | 3 | 15 | 1 | 1 | 4 | 0 | 0 | 89 | 9 | 6 |
| 17 | Zinc | 0 | 0 | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |
| | TOTAL | 260 | 49 | 31 | 251 | 27 | 13 | 201 | 21 | 6 | 93 | 10 | 1 | 805 | 107 | 51 |

ANNEXURE-III REFERRED TO IN REPLY TO PART (A) TO (C) OF RAJYA SABHA UNSTARED QUESTION NO. 1610 DUE FOR REPLY ON 12.03.2015 REGARDING 'TREATMENT OF EFFLUENTS BY INDUSTRIAL UNITS' BY SHRIMATI RAJANI PATIL AND OTHERS:

List of industries to whom Closure directions were issued

| LIST OF INDUSTRIES INSPECTED UNDER ESS DURING 2011-2014 TO WHOM CLOSURE DIRECTIONS WERE ISSUED BY CPCB | | | | | |
|---|--|--------------|--------------------------|------------------------------------|-------------|
| Sl. No. | Name of the unit | State | Industrial Sector | Sec 5/Sec 18(1)(b) | year |
| 1 | M/s NV Distilleries Ltd., Vill. Badholi, Naraingarh, Ambala City.Haryana | Haryana | Distillery | Section 5 of E(P)A, 1986 | 2011-12 |
| 2 | M/s RanaMohendra Papers Ltd, Chandigarh, Punjab | Punjab | Pulp & Paper | Section 5 of E(P)A, 1986 | 2011-12 |
| 3 | M/s Agrawal Distilleries Pvt Ltd, Khargone, M.P. | M.P | Distillery | Section 5 of E(P)A, 1986 | 2011-12 |
| 4 | M/s Thermis Medicare Ltd, (*New Chem Industries) Vapi, Gujarat | Gujarat | Pharmaceutical | Section 5 of E(P)A, 1986 | 2011-12 |
| 5 | M/s Garg Duplex Pvt. Ltd., Muzaffarnagar .U.P | UP | Pulp & Paper | Section 5 of E(P)A, 1986 | 2011-12 |
| 6 | 422. National Industrial Corporation (Distillery), Moradabad, Ayodya, U.P. | UP | Distillery | Section 5 of E(P)A, 1986 | 2011-12 |
| 7 | M/s Ms-Dowell & Company Ltd (M/s United Spirits Ltd) Shahjahanpur, UP | UP | Distillery | Section 5 of E(P)A, 1986 | 2011-12 |
| 8 | Athani Farmers Co- Operative Sugar Factory Limited, Belgaum, Karnataka. | Karnataka | Distillery | Section 18 (1)(b) of Air/Water Act | 2011-12 |
| 9 | Laxmi Sugar Mills, IqbalpurRoorkee, Haridwar. | UK | Sugar | Section 18 (1)(b) of Air/Water Act | 2011-12 |
| 10 | M/s BalrampurChini Mills Ltd, U.P. | UP | Sugar | Section 18 (1)(b) of Air/Water Act | 2011-12 |
| 11 | M/s KaramveerKakasahebWagh S.S.K. Ltd, Mah | Maharashtra | Sugar | Section 5 of E(P)A, 1986 | 2011-12 |
| 12 | M/s Hindustan Paper Corpn Ltd (Cachar Paper Mills), Cachar, Assam | Assam | Pulp & Paper | Section 5 of E(P)A, 1986 | 2011-12 |
| 13 | M/s Aska Cooperative Sugar Industries Ltd (Distillery), Ganjam, Orissa | Orissa | Distillery | Section 5 of E(P)A, 1986 | 2011-12 |

| | | | | | |
|----|--|------------------|--------------------|------------------------------------|---------|
| 14 | M/s Jayshree Chemicals Ltd, (Chlor-Alkali), Orissa | Orissa | Chlor-Alkali | Section 5 of E(P)A, 1986 | 2011-12 |
| 15 | K.M. Sugar Mill Ltd, (Distillery), Faizabad, U.P | UP | Distillery | Section 5 of E(P)A, 1986 | 2011-12 |
| 16 | Neoli Sugar Factory, Neoli, Etah, Aligarh, UP | UP | Sugar | Section 18 (1)(b) of Air/Water Act | 2011-12 |
| 17 | Polson Distillery, Kerala | Kerala | Distillery | Section 18 (1)(b) of Air/Water Act | 2012-13 |
| 18 | SomaiyaOrgano Chemicals (Godavari Bio-refineries), Sameerwadi, Dist. Bagalkot | Karnataka | Distillery | Section 5 of E(P)A, 1986 | 2012-13 |
| 19 | Ruchira Paper Ltd, Kala Amb, H.P. | Himachal Pradesh | Paper | Section 5 of E(P)A, 1986 | 2012-13 |
| 20 | Ghodganga S.S.K. Ltd. | Maharashtra | Sugar & Distillery | Section 5 of E(P)A, 1986 | 2012-13 |
| 21 | Perambalur Sugar Mills Ltd | Tamil Nadu | Sugar | Section 5 of E(P)A, 1986 | 2012-13 |
| 22 | RBNS Sugar Mills, Luksar, Haridwar, UK | Uttarakhand | Sugar | Section 18 (1)(b) of Air/Water Act | 2012-13 |
| 23 | Somaya Organic Chemicals, Ahmednagar, Mhr (Presently M/s Godavari Refineries) | Maharashtra | Distillery | Section 5 of E(P)A, 1986 | 2012-13 |
| 24 | Sanjivani (Takli) SahakariSakharKarkhana, Ahmednagar, Mhr | Maharashtra | Sugar | Section 5 of E(P)A, 1986 | 2012-13 |
| 25 | Marathwada SSK Ltd.,Parbhani, Mhr | Maharashtra | Sugar | Section 5 of E(P)A, 1986 | 2012-13 |
| 26 | Chemicals and Plastics India Ltd. | Tamil Nadu | Distillery | Section 5 of E(P)A, 1986 | 2013-14 |
| 27 | Mysore Paper Mills | Karnataka | Paper | Section 5 of E(P)A, 1986 | 2013-14 |
| 28 | Tamil Nadu Petro products Limited | Tamil Nadu | Petrochemical | Section 5 of E(P)A, 1986 | 2013-14 |
| 29 | M/s. Srikem Laboratories | Maharashtra | Pharmaceutical | Section 5 of E(P)A, 1986 | 2013-14 |
