

KERALA STATE POLLUTION CONTROL BOARD

Pattom.P.O., Thiruvananthapuram-695004.

PCB/HO/AIR/71/84

DIRECTION

WHEREAS M/s. Philips Carbon Black Ltd. at Karimugal in Ernakulam District (hereinafter referred to as the Co.) was issued a closure direction by the Board on 27-7-2001 under section 31A of the Air (Prevention and Control of Pollution) Act 1981 due to copious emission of carbon particles on 26-7-2001 and on the basis of the inspection finding of the Board;

WHEREAS the Expert Committee constituted by the Kerala State Pollution Control Board had submitted their recommendations regarding the measures to be adopted to make the company environment friendly;

WHEREAS the report of the Expert Committee was accepted by the Board and have given directions to the Company vide letter No.PCB/HO/AIR/71 dated 17-8-2001 to implement the recommendations of the Committee as such;

WHEREAS the company have installed short-term measures to control pollution in Line 3 on the basis of the recommendations of the Committee;

WHEREAS the Hon'ble High Court on the basis of the reports submitted by the Board permitted the company to take trial run of Line 3 up to 31-12-2001 under close monitoring of the Board;

WHEREAS the Hon'ble High Court, after considering the final report of the Expert Committee, vide judgment dated 15-1-2002, ordered the following:

A. The trial run conducted by the respondent Co. shall be continued till 30th of June 2002. The Kerala State Pollution Control Board shall continuously monitor the emission from the respondent company's facility to ensure that they are well within the prescribed standard limits.

B. If at any time the Kerala State Pollution Control Board is satisfied that the pollution standards prescribed under the statutes are not being observed or incapable of being observed by the facility of the respondent Co. the Kerala State Pollution Control Board shall exercise its statutory authority to shut down the facility immediately or within such time as it deems fit.

C. If after monitoring the emission levels in the respondents Co's facility, the Kerala State Pollution Control Board is satisfied that they are well below the standard limits prescribed under law, the Board shall grant consent to the respondent Co. to install and run Line3 in its facility subject to such conditions as the Board may deem fit to impose.

WHEREAS the monitoring conducted by the Board after 31-12-2001 reveals that the concentration of particulate matter (dust) and sulphur dioxide in the emission have exceeded the standards specified in the consent order for trial run as stated below:

| Stack No. | Parameter | Standard, mg/Nm ³ | Date of Monitoring | Observed Value (mg/Nm ³) |
|-----------|--------------------|------------------------------|--------------------|--------------------------------------|
| 3.1 | Particulate Matter | 100 | 5-1-2002 | 148.40 |
| | | | 11-1-2001 | 250.00 |
| | | | 14-1-2002 | 129.84 |
| | | | 15-1-2002 | 166.00 |
| | Sulphur dioxide | 1200 | 14-1-2002 | 2669 |
| 3.3. | Particulate matter | 100 | 7-1-2002 | 297.00 |
| | | | 11-1-2002 | 200.40 |
| | | | 13-1-2002 | 192.10 |
| | Sulphur dioxide | 1200 | 11-1-2002 | 5381 |
| | | | 13-1-2002 | 1525 |
| 3.4 | Sulphur dioxide | 1200 | 5-1-2002 | 4651 |
| | | | 10-1-2002 | 1215 |
| | | | 11-1-2002 | 1237 |
| | Particulate matter | 100 | 03-1-2002 | 136.00 |
| | | | 05-1-2002 | 213.00 |
| | | | 07-1-2002 | 237.00 |
| | | | 09-1-2002 | 255.00 |
| | | | 10-1-2002 | 229.00 |
| | | | 12-1-2002 | 242.50 |
| | | | 13-1-2002 | 173.40 |

| | | | | |
|-----|--------------------|------|-----------|--------|
| 3.5 | Shlphur Dioxide | 1200 | 14-1-2002 | 239.50 |
| | | | 15-1-2002 | 239.22 |
| | | | 03-1-2002 | 5253 |
| | | | 03-1-2002 | 3055 |
| | | | 04-1-2002 | 0711 |
| | | | 05-1-2002 | 4016 |
| | | | 07-1-2002 | 6227 |
| | | | 08-1-2002 | 8283 |
| | | | 10-1-2002 | 2661 |
| | | | 11-1-2002 | 2057 |
| | | | 11-1-2002 | 5312 |
| | | | 13-1-2002 | 2086 |
| | | | 14-1-2002 | 4353 |
| | | | 15-1-2002 | 1942 |

WHEREAS the emission monitoring conducted by the company also reveals that the company had failed to maintain the emission standard prescribed;

WHEREAS the emission monitoring conducted by the company and the Board clearly indicates that the pollution control facilities in the company are incapable of achieving the emission standard prescribed and to prevent pollution;

AND WHEREAS the Board is satisfied that the continued trial run of the plant without upgrading the pollution control measures will cause grave pollution of the air in and around Karimughal;

NOW THEREFORE, you are hereby directed under section 31 of the Air (Prevention and Control of Pollution) Act 1981 as amended in 1987 and as per clause a and b of Para 7 of the Judgment of the Hon'ble High Court in O.P.No.25447 of 2001-D to close down all

manufacturing operations in the company in connection with the trial run within three days of the receipt of this direction and report compliance.

Dated this the 29th day of January, 2002.

For and on behalf of the KERALA STATE POLLUTION CONTROL BOARD

Sd/-

K.V.INDULAL, MEMBER SECRETARY

To: M/s. Philips Carbon Black Ltd.,

Karimughal,

Brahmapuram.P.O., Kochi-682303.

Shri.John M.John,

Chief of Operations,

M/s.Philips Carbon Black Ltd.,

Karimughal,

Brahmapuram.P.O.,

Kochi-682303.

Copy to: 1. The Chief Environmental Engineer, Regional Office, Ernakulam.

2. The Standing Counsel, High Court, Ernakulam.

3. Shri.P.A.Kadar, Puthenpurayil House, Karimugal.

4. Shri.P.A.Ibrahim, Puthenpurayil House, Karimugal.