WHEREAS, M/s. JVL Oil Refinery (hereinafter referred to as the industry) located at Mouza & P.O.-Debhog, HPL Link Road, P.S.-Bhabanipore, Dist.-Purba Medinipur, Pin – 721 657 is engaged in manufacturing of refined palm oil and refined soya/sunflower/rice bran oil of production capacity 11812 TPM & 12125 TPM respectively. The industry has 1 no. 18 TPH coal fired boiler and 1 no. coal fired Thermic Fluid Heater (TFH) of capacity 20 lac.k.cal/hr. The boiler is provided with heat exchanger, multi cyclone, bag filter and ID fan as air pollution control device (APCD) and connected to a stack of height 50m from G.L. The TFH is equipped with bag filter as APCD and connected to a stack of height 30m from G.L.

AND WHEREAS, the industry had obtained Consent to Operate from the West Bengal Pollution Control Board (hereinafter referred to as the Board) on 08/10/2012 for 1 no. F.O. fired Thermic Fluid Heater (TFH) of capacity 20 lac k.cal/hr. but they have installed coal-fired TFH. A show cause notice was issued to the industry on 19/04/2013 in this regard. The industry applied for post facto CFE on 10/12/2013 for change of fuel for the said TFH but the said CFE was not granted by the Board.

AND WHEREAS, the industry was called for a hearing by the Board on 27/05/2014 for successive failures in meeting PM emission standard in respect of the boiler and TFH. Accordingly, the industry was directed on 25/07/2014 to either upgrade the existing APCD or install new APCD for the existing boiler and TFH within 31/08/2014 in order to meet the permissible standard of 50 mg/Nm$^3$ with imposition of a Bank Guarantee of Rs. 10.00 lakhs.

AND WHEREAS, the industry was again called for hearing by the Board on 24/12/2014 as they did not take any step for upgradation of APCDs attached to the boiler and TFH (except very elementary procurement steps for replacement of bags of the existing bag filters). Order for Closure with disconnection of electricity was issued on 03.02.2015 which was subsequently withdrawn with the condition to complete the upgradation work of APCDs within 30.06.2015 and forfeiture of Rs. 5 lakh as Pollution Cost from the BG. The existing BG was valid upto 17/08/2015. The industry has deposited Rs. 5 lakh as PC.

AND WHEREAS, the Consent to Operate of the industry was granted on 29/09/2014 (valid up to 31/12/2014) with the condition that they will upgrade the APCD attached to the boiler and TFH and a time bound action plan in this regard will have to be submitted.

AND WHEREAS, the industry has applied for Consent to Establish (expansion) on 14/02/2014 for additional production of refined palm oil of capacity 11,875 MT/month and installation of a new coal-fired TFH of capacity 20 lac.k.cal/hr which is not yet granted as the existing unit is still non-complying.

AND WHEREAS, the industry was inspected on 21.08.2015 and it was observed that they have already installed the additional coal-fired TFH of capacity 20 lac.k.cal/hr which was found in heated up condition implying that it had been in use. Huge emission was noticed through the stack connected to the boiler and TFH. Stack emission was conducted during inspection and the analysis report shows gross failure (PM value obtained is 3672.14 mg/Nm$^3$). Coal fines, ash were found to be stored in open space causing spreading of dust all over the area. House keeping was found to be very poor. Liquid waste containing oil generated due to floor washing is discharged directly to outside drain causing clogging of the drainage system.
AND WHEREAS, the industry has submitted a letter on 17.08.2015 requesting to grant further two months time for completion of the APCD upgradation/modification work.

AND WHEREAS, a hearing was again conducted at the Head Office of the Board on 15/09/2015 for gross violation of environmental norms on the part of the industry.

AND WHEREAS, the Board officials present during the hearing clearly informed the industry representatives that they have been granted sufficient time to improve/augment the APCDs so as to comply with the permissible standard for PM but no appreciable progress in this regard is observed.

AND WHEREAS, the representatives of the industry appearing in the hearing agreed with the above mentioned observations of the Board. They requested to grant further two months time for completion of the upgradation/modification work of existing APCDs attached to the boiler and TFH. They also committed not to operate the new TFH till getting permission from the Board and submitted a stamp paper undertaking in this regard.

NOW THEREFORE, considering the submission of the industry, M/s. JVL Oil Refinery located at Mouza & P.O.- Debhog, HPL Link Road, P.S.- Bhabanipore, Dist.- Purba Medinipur, Pin – 721 657 is hereby directed as follows:-

1. That, the industry shall complete the upgradation/modification work of APCDs attached to the boiler and TFH positively by 30th November, 2015.

2. That, the existing Thermic Fluid Heater shall not be operated till satisfactory upgradation of the APCD and getting NOC from the Board for change of fuel from furnace oil to coal.

3. That, the industry shall not carry out any expansion activity and also not operate the newly installed Thermic Fluid Heater till obtaining NOC from the Board.

4. That, the industry shall execute a fresh Bank Guarantee (proforma enclosed) of Rs. 10,00,000/- (Rupees Ten lakh) only valid for twelve (12) months within fifteen [15] days from the date of issuance of this direction in favour of the WEST BENGAL POLLUTION CONTROL BOARD as an assurance to comply with the above direction.

The Bank Guarantee of Rs. 5.00 lakh which is lying with the Board (BG validity expired on 17/08/2015) shall be released.

The Environmental Engineer, Haldia Regional Office of the Board will monitor the industry after November 2015 to check the efficiency of the pollution abatement systems and in case of failure in complying with the Board’s direction, the Board will initiate strict regulatory action like closure with disconnection of electricity.

This direction is issued in exercise of the powers conferred under the provision of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act 1981, the Environment (Protection) Act, 1986 and Rules made thereunder after being approved by the Competent Authority.

By Order,

Sd/-
Chief Engineer
Operation & Execution Cell
West Bengal Pollution Control Board