WHEREAS, M/s. Himadri Speciality Chemical Ltd. (hereinafter referred to as the industry) located at Vill.-Mahistikry, P.O. & P.S.- Haripal, Dist.- Hooghly, Pin-712 223 is a carbon black & coal tar distillation unit. The unit is engaged in production of Carbon black, Coal tar pitch, H&L Creosote Oil, Naphthalene, Power generation, Sulfonate Naphthalene Formaldehyde and Tail gas etc.

AND WHEREAS, a repeated compliant was lodged by Mohistikari Parivesh, Jiban O Krishi Kalyan Mancha, Haripal, Hooghly against the unit for air & water pollution caused by the unit towards the village and the villagers are suffering from different diseases.

AND WHEREAS, the industry was inspected followed by stack monitoring & effluent sample collection conducted by the official of the West Bengal Pollution Control Board (hereinafter referred to as the Board) on 21.11.2019. The unit failed to comply with the effluent discharge standard as follows:

<table>
<thead>
<tr>
<th>Date of Sampling</th>
<th>Sampling point</th>
<th>Value Obtained(mg/l)</th>
<th>Permissible Limit(mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>21.11.2019</td>
<td>At point of discharge to River Ghiya</td>
<td>COD-333.60 mg/l</td>
<td>COD-250 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BOD-80.80 mg/l</td>
<td>BOD-30 mg/l</td>
</tr>
<tr>
<td></td>
<td>Agricultural field near village Mahistikry South</td>
<td>COD-315.30 mg/l</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>BOD-43.30 mg/l</td>
<td></td>
</tr>
</tbody>
</table>

AND WHEREAS, during inspection accumulated brown water was found in the agricultural field nearby the unit and it may be due to heavy rainfall during Bulbul storm the surface run off water of the unit overflows to the agricultural field. Fugitive emission monitoring was also carried out during inspection. The result of stack monitoring and fugitive emission monitoring was within permissible limit.

AND WHEREAS, the Consent to Operate and Authorization for Hazardous waste of the industry is valid up to 31/08/2023 and 31/08/2024 respectively.

AND WHEREAS, the industry was called for a hearing on 25/02/2020 for non-compliance of environmental norms as observed during inspection by the Board official as well as repetitive public complaint against the industry.

AND WHEREAS, the complainants appeared in the hearing and alleged that adjacent agricultural field and nearby nayanjuli (nullah) has been contaminated due to discharge of waste water by the industry. In this regard, they submitted some photographs and water analysis report which shows compliance with the prescribed standard with respect to relevant Consented parameters (Phenol & Cyanide). They also alleged that liquid effluent generated from the unit enters into the agricultural field alongwith rainwater during heavy rainfall. They complained that they are suffering from noise pollution and obnoxious odour due to operation of the industry. They also complained that considerable carbon dust is blown away by wind towards the adjacent residential houses and deposited on different surfaces like floor, roof of their residences.

AND WHEREAS, the Director of the industry appeared in the hearing and submitted the following:

1. They shall maintain zero discharge and 100% recycling in the process.
2. They shall construct a pit/tank within the factory premises for storing the industrial effluent in case of accidental discharge/release which shall be taken into the ETP.
3. Only storm water shall be discharged through dedicated drain outside the factory premises. In no way, there shall be any chance to mix the industrial effluent into the storm water.
4. They shall not discharge any effluent other than storm water generated from the unit outside the factory premises.
5. They have installed 2 nos. continuous ambient air quality monitoring stations at the eastern side and northern side of the industry. However, they will shift an ambient air quality monitoring station from northern side to another suitable location in the village in consultation with the local villagers/local body.
6. They would install additional 2 nos. automatic continuous ambient air quality monitoring stations at the convenient place at western side and southern side of the industry in consultation with the local villagers/local body.
7. They would install online continuous emission monitoring system for all the stacks and the data analysis report shall be brought in public domain. Every month we will upload the pollution data in our website for public domain.
8. They would take necessary measures for minimization of noise pollution and odour generated from the operation of the industry.
9. They have already developed green belt in 20-22% area within the plant. They shall further develop green belt to achieve 33% of the total area as per condition of Environmental Clearance.
10. They shall submit detailed future plan under CSR activities in consultation with concerned local authority as well as local villagers.

NOW THEREFORE, considering the above, M/s. Himadri Speciality Chemical Ltd. located at Vill.-Mahistikry, P.O. & P.S.- Haripal, Dist.- Hooghly, Pin- 712 223 is hereby directed as follows:-

1. That, the industry shall always operate with efficient pollution control system so as to comply with the environmental norms.
2. That, the industry shall maintain zero discharge and achieve its target regarding 100% recycling of treated effluent.
3. That, under any circumstances, the industry shall not discharge its treated effluent outside the factory premises. Only storm water is allowed to discharge through dedicated pipeline outside the factory premises.
4. That, the industry shall install holding tanks of adequate capacity inside the factory premises for holding the industrial effluent in case of accidental discharge/release and such effluent shall be taken into the ETP.
5. That, the industry shall install a web-camera at discharge point of surface run off outside the factory premises.
6. That, all the surface drains especially passing through / near coal tar distillation section and ETP shall be fully covered to prevent contamination of surface run off during rainfall.
7. That, the industry shall clean natural surface drain flowing outside and along the boundary wall of the industry parallel to Durgapur Expressway, in case the natural flow of the said drain is blocked by dumping of any solid waste by the industry.
8. That, the industry shall install additional 2 nos. automatic continuous ambient air quality monitoring stations outside the factory premises at a suitable location at the western side and the southern side of the industry in consultation with the local people of the concerned village.
9. That, the industry shall either shift the ambient air quality monitoring station which has been installed at the northern side of the industry to another suitable location or one more station shall be installed outside the factory premises in consultation with the local villagers and the local authority.
10. That, the industry shall take necessary steps at the earliest for installation of online continuous emission monitoring system for all the stacks and the data analysis report shall be brought in public domain as well as WBPCB server.
11. That, in case of any accidental release of carbon dust, the production should be stopped automatically immediately and such incident shall be reported to the State Board on monthly basis.
12. That, under any circumstances, the industry cannot run the precipitated Carbon dust manufacturing unit without utilization of the off gas in the power plant.
13. That, to control the odour problem, the industry shall install VOC monitoring system at the glands/joints/potential location so that the odour problem can be minimized. An action plan in this regard shall be submitted within one month.
14. **That**, the industry shall take necessary measures for minimization of noise pollution and odour generated from the operation of the industry.

15. **That**, the industry shall develop green buffer zone along the inside periphery of the factory premises covering at least 33% of total area.

16. **That**, the industry shall submit detailed future plan under Corporate Social Responsibility (CSR) activity as early as possible in consultation with concerned district authority as well as local villagers.

17. **That**, the industry shall execute a **Bank Guarantee** (proforma enclosed) of **Rs. 20,00,000/-** (Rupees Twenty 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 (Corporation Bank IFSC Code CORP 0000663)** as an assurance to comply with the above direction as well as environmental norms.

The Environmental Engineer & In-charge, Hooghly regional office is requested to keep a strict vigil on the industry. If the industry is again found to be non-complying, the Board will take strict regulatory action like forfeiture of BG, closure with disconnection of electricity of the industry.

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.

The delay in issuing the order is due to the declaration of lockdown period by the State Government.

By Order,

**Sd/-**

Chief Engineer
Operation & Execution Cell
West Bengal Pollution Control Board