WHEREAS, M/s. Gem Polymers & Synthetics (hereinafter referred to as the industry) engaged in manufacturing CNSL (cashew nut shell liquid) / phenolic resins and varnishes at Bodai Road, P.O. Jugberia, P.S. Ghola, 24 Parganas (North), Pin-700 110 comes under special red category of industries.

AND WHEREAS, an inspection of the industry was conducted by officials of the West Bengal Pollution Control Board (hereinafter referred to as the Board) on 21/05/2010. During inspection pungent smell of phenolic compounds / tarry matter was felt within the factory premises. The industry has not installed any effluent treatment plant. The effluent generated is mainly condensate from the process. Although it is small in amount, the effluent generated contains high concentration of organic compounds and is toxic in nature. A sample of the condensate being discharged to the drain leading to soak pit was collected. Analysis report of the discharged effluent shows a very high concentration of cyanide (9.0 mg/l), COD (5471 mg/l), BOD (1784 mg/l), Phenol (33 mg/l), NH₄-N (24700 mg/l) & TSS (1560 mg/l).

AND WHEREAS, a technical hearing was conducted at the Head Office of the Board on 09/09/2010 involving the industry.

AND WHEREAS the representatives of the industry appearing in the hearing submitted that they would take necessary measures for compliance of the environmental norms and the directions issued by the Board.

NOW THEREFORE, considering the gross violation in the effluent analysis report and the nature of activity of the industry, the Board hereby directs M/s. Gem Polymers & Synthetics to suspend its entire manufacturing process and allied operations till it undertakes further modification / upgradation measures in its ETP for achieving environmental compliance.

The industry is however at liberty to approach before the State Board after completion of further modification/ upgradation of the ETP so that a further inspection can be conducted by the Board to assess the efficacy of the installed system. On the basis of the status of environmental compliance by the industry, further necessary order will be issued by the Board.

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

This has the approval of the Competent Authority.

By Order,

Sd/-
(Subrata Ghosh)
Chief Engineer
Operation & Execution Cell
West Bengal Pollution Control Board