WHEREAS, M/s. Ispat Damodar Ltd. (hereinafter referred to as the industry) located at Vill.-Nabagram, P.O.- Digha, P.S.- Neturia, Dist.- Purulia, Pin – 723 121 is a sponge iron, ferro alloy & M.S. Ingot manufacturing industry having 2X100 TPD Rotary Kilns, 4X7.5 MVA Sub-merged Electric Arc Furnaces (SEAFs), 2X4 MT/heat & 1X8 MT/heat Induction Furnaces, 4.5 MW AFBC boiler and 4 MW WHRBs. The Rotary Kilns are provided with GCT and ESP as air pollution control devices (APCDs) and connected to a common stack of height 45m from G.L. 2X4 MT Induction Furnaces are provided with spark arrestor, bag filter as APCD and the 1X8 MT Induction furnace is provided with only bag filter and all the 3 furnaces are connected to a common stack of height 30m from G.L. The 4th SEAF is provided with bag filter, heat exchanger as APCD and connected to a stack of height 30m from G.L.

AND WHEREAS, the industry was inspected by the officials of the West Bengal Pollution Control Board (hereinafter referred to as the Board) on 27/03/2015. During inspection both the Rotary Kilns, SEAF 2, 3 & 4 and the Captive Power Plant were found in operation. Very high fugitive emission was noticed from the SEAFs, though the APCD were in operation. During inspection SEAF 1 was under shut down. Inside road conditions especially in sponge iron division was found to be poor. Large amount of solid waste (fly ash, bottom ash of AFBC boiler) was found to be stored in an adjacent land. Green belt development in and around the industry premises was found to be inadequate.

AND WHEREAS, the industry was earlier called for a hearing on 31/10/2014 following a complaint lodged by Shri K.P. Singhdeo, MLA against the sponge iron industries located around Panchet Hill at Raghunathpur sub-division of Purulia district. Subsequently the industry was directed on 28/11/2014 to submit a Bank Guarantee of Rs. 10.00 lakh and BG of Rs. 2.00 lakh was also forfeited for the non-compliance towards environmental norms as well as Board’s direction. The industry submitted the BG amount of Rs. 10 lakh which is valid upto 26/12/2015 and also deposited Rs. 2.00 lakh through Demand Draft.

AND WHEREAS, the Consent to Operate for 2 nos. Rotary Kilns, 3 nos. Induction Furnaces is valid up to 31/10/2015, Consent to Operate for 1st & 2nd SEAF was valid upto 31.10.2016 and for 3rd & 4th SEAF is valid upto 31/12/2015, CFO for the CPP is valid upto 31.12.2015.

AND WHEREAS, the industry was called for a hearing at the Head office of the Board on 12/05/2015 for the above mentioned non-compliances.

AND WHEREAS, the Managing Director of the industry appearing in the hearing submitted that they have installed opacity meter for Rotary Kilns and initiated action for improvement of internal road condition, plantation programme. He also submitted that they have undertaken thorough overhauling of the air pollution control systems so as to comply with the environmental norms and water sprinkler is being operated on regular basis to control secondary dust emission.
NOW THEREFORE, considering the non-compliance of environmental norms as well as Board’s direction, M/s. Ispat Damodar Ltd. located at Vill.-Nabagram, P.O.- Digha, P.S.- Neturia, Dist.- Purulia, Pin – 723 121 is hereby directed as follows:

1. **That**, the industry shall take necessary measures for improving the efficiency of the air pollution control systems attached to all units within 31st August, 2015.

2. **That**, the industry shall always operate the plant with efficient functioning of pollution abatement system so as to minimize the particulate emission from the stack as well as fugitive emission from all the unit operations in the plant.

3. **That**, the industry shall take shut down of its manufacturing activity whenever the pollution control system fails to function due to whatever reason and the same will be intimated to the Board.

4. **That**, the industry shall make necessary arrangement for disposal of accumulated solid wastes at the earliest. Under no circumstances the industry shall store any solid wastes in open space outside the factory premises.

5. **That**, the industry shall undertake extensive plantation in and around the plant premises, especially towards the nearby villages during ensuing monsoon.

6. **That**, the industry shall abide by all the directives issued by the Board vide Memo No. 1044-4A/ WPB/CE-II/GEN/2008 dated 01/06/2012.

The Environmental Engineer, Asansol Regional Office of the Board will keep a strict vigil on the industry. If the industry is again found to be non-complying, the Board may take stricter regulatory action against the industry.

This direction is issued in exercise of the powers conferred under the provision of 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