

**Project Name** – De-dusting system modification in Stock House

**Project Location** – Vidarbha, Maharashtra

**Industry** – Steel Plant

**Project Description** – Design, Sizing, Selection & Site Fabrication of New Cyclone Separator in order to arrest excessive dust in existing Bag Filter of Stock House and Modification in the existing duct layout in order to arrest the dust in cyclone separator and de-dusting of gas in Bag Filter system.

**Project Summary** –

July 18 – IDAC has been called for inspection of existing system and suggest optimal solution.

Aug 18 – IDAC has studied the system and taken site dimensions as the GA drawing and layout of the existing system was not available with Client. IDAC has identified the locations and no of points of de-dusting which was counted as 35 nos in a single Bag Filter.

Sep 18 – IDAC has submitted initial technical proposal for the introduction of cyclone separator before bag filter to arrest the dust generating points and to install another bag filter system for other transfer points. IDAC designs the system and offered other bag filter system for smooth running and de-dusting the heavily dust area.

Oct 18 – IDAC submitted revised proposal for complete system modification including duct relocation, duct layout and modification, submitted Equipment Flow Diagram for the system.

Nov 18 - Scope modification and GA, Layout Engineering, civil work included. Technical offer revised. Presentation on the concept done.

Dec 18 – Commercial offer submitted.

Jan 19 & Feb 19 – Rounds of discussion on the project feasibility, location of project, resource allocation and final negotiations.

Mar 19 – Project Awarded to IDAC. Project work started

Apr 19 – IDAC submitted final EFD, GA, Layout and fabrication drawings of cyclone separator & ducts. Civil foundation detailing drawing submitted. Civil work & Site Fabrication started along with modification in existing duct layout and inlet/outlet ducting of cyclone separator. Project completed successfully from all aspects in April end.

**Site Photos** – Please find below site pictures before and after completion of work.

This will give fair idea about the planned and execution of work at site by IDAC with implementation of the project from design stage to site fabrication and making it a success. This has make IDAC a reliable name for the Design, Consultancy, Execution and implementation in De-dusting project requirements.

**Before De-dusting project -**



**After De-dusting project -**



Thanks & Best Regards,

Atul Joshi  
Managing Partner