

Plant visit & study of existing systems

Client: AVR O&M Services Pvt Ltd

Project: Vandana Global Limited, Raipur

Scope Of Work: Submitted a report providing Suggestions/Solutions for the following challenges faced in a 113 TPH bubbling fluidized bed boiler:

- 1. Erosion of PA lines, cross and coal nozzles**
- 2. Shortfall in SH temperature at rated capacity**
- 3. More unburnt carbon loss**
- 4. Clinkering of the boiler when restarted after a black-out**
- 5. Reduction of ash collection in Economizer hopper**
- 6. Reduced availability of the boiler**
- 7. Higher fluid bed temperature (above 950 °C) during rated capacity**
- 8. Lesser Oxygen (around 2%) at rated capacity**