CASE STUDY

Engineering Design Services

Engineering Design & Drafting | CAE Services: CFD & FEA | Reverse Engineering
Rapid Prototyping | Product Design | Value Engineering
PLM Services | Technical Documentation
The Solution

CFD simulation of exhaust gases emitting from industrial stack, for investigation of SO2 dispersion into atmosphere.

Air Pollution Control Systems Manufacturer, USA

Benefits

- Identified the dispersion of SO2 in terms of mass and volume fraction
- Predictions of exhaust gas dispersion suggested process plant designer to modify the equipment design accordingly
- The amount of SO2 concentration above the specified distance was found within nominal range

About Hi-Tech

Hi-Tech CAE is a division of Hi-Tech Outsourcing Services, a pioneer engineering outsourcing company since 1992 based in India & USA. It provides expert Computer Aided Engineering - CAE consulting services for engineering / product design analysis by modeling & simulation. The primary services extended include Computational Fluid Dynamics (CFD), Finite Element Analysis (FEA), product design optimization and value engineering services to Automotive, Building / Construction, Process industry, Power Generation, Manufacturing & Heavy Engineering industries.