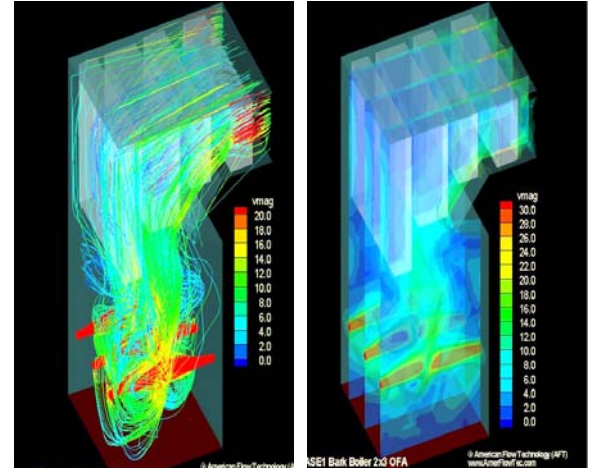


AFT: American Flow Technology's professional services allow our customers to effectively and easily derive the benefits and advantages of three-dimensional process modeling technologies (CFD) within their own engineering design activities. Companies that use our numerical modeling services can solve complex process issues, verify proposed designs before capital funds are committed, and significantly improve their technical decision process thereby enhancing their operational efficiency. By providing professional process modeling services, AFT assists customers working on engineering projects by reducing the risks in capital expenditures, reducing costs, and address unforeseen technical problems before they appear during commissioning. When designing new equipment and retrofits, AFT modeling services allow modeling "what if" scenarios to identify problems before fabrication and optimize industrial equipment.

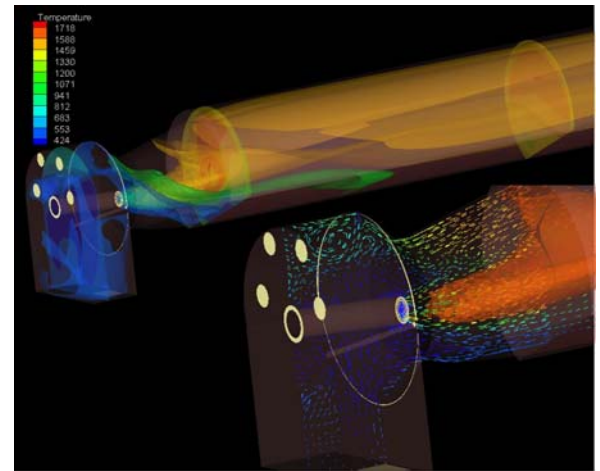
ADVANTAGES: By using numerical modeling codes like FLUENT, on-site measurements, process and equipment configuration data, AFT provides valuable services to customers seeking to develop innovative solutions. Customers using our modeling services can reduce technical risks when modifying equipment, lessen project uncertainty, address environmental compliance, decrease energy costs, and improve the commissioning phase. The independent technical information provided by our customized equipment three-dimensional models helps customers optimize capital expenditure decisions, improve equipment performance, and evaluate proposed changes to large capital equipment before they are implemented to improve the overall process.

BENEFITS: By using process modeling, engineering judgement is enhanced by relying on more physical principles. AFT assists clients in developing hardware design solutions for projects where knowledge of the flow, combustion, two-phase flow interactions and chemical processes can lead to more reliable equipment for the owner. We help clients promote their own services by providing effective graphical material and animation to enhance technical sales presentations.

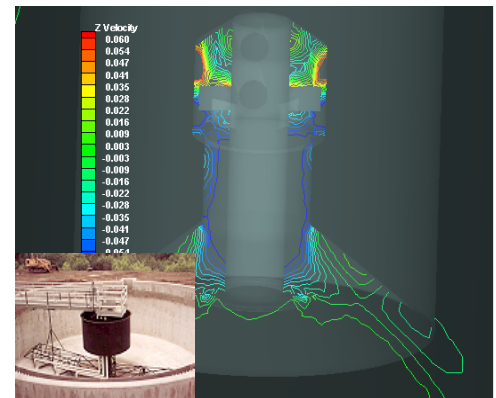
COST SAVINGS: Contact us and we can show you how your company can start using three-dimensional computational fluid modeling to your industrial process. By working with AFT as part of your design and engineering team, you can integrate advanced numerical modeling into the design process.



Improving bark boiler air system to meet emissions



Alternative fuels like petroleum coke, land fill gases and non-condensable gases in lime kilns



Applying ClearFlow™ to clarifier to significantly reduce dregs in the overflow

AFT specializes in modeling and analyzing process equipment such as:

Biomass Boilers
Two-phase flows

Emissions (NOx, SOx)
Electric Static Precipitators

BFB Boilers
Lime Kilns

Recovery Boilers
Cement Kilns

Alternative Fuels
Clarifiers