

Richard J. Roby, P.E., Ph.D.

Rick is CSE's President and Technical Director. He brings more than thirty years of professional experience and skills in both chemical and mechanical engineering to CSE. His knowledge and leadership capabilities allow him to successfully monitor day-to-day operations of CSE, as well as monitor technical content on many research and development projects.

Rick serves as project manager for a variety of experimental and analytical combustion and fire science research and development projects including: modeling of blow-off and flashback in gas turbine combustors; determining the effects of fuel constituents on combustor performance; developing and incorporating reduced kinetics mechanisms in CFD codes; creating innovative fire detection devices; and developing new fire models.