

Christopher (Chris) Taylor, P.E.
Senior Project Engineer

B.Sc. Chemical Engineering
Aston University, UK

Registered Professional Engineer
in the following States:

- Georgia
- North Carolina

Chris has extensive, functional and supervisory experience in the chemical and energy industries including process and project engineering and production management from design office through construction to startup and in operations.

Relevant Experience

- Use, conservation and recovery of fossil fuels and electricity, including; coal and natural gas fired electricity generation; waste heat recovery and electricity generation from sulfur burning sulfuric acid plants; synthetic natural gas; waste heat from maleic anhydride and chrome & other chemical plants and statistical process control and experiment design.
- Responsibilities have included management of electricity Time-Of-Use and other special rates; evaluation of fuels' calorific, heat transfer and handling characteristics; initiation and implementation of projects and operational changes to improve production rates, efficiency and safety, health & environmental performance.
- Equipment and system responsibilities have included steam turbines & diesel engines; direct fired boilers, kilns & heaters; heat transfer using steam/condensate and heat transfer media including oils, inorganic salts, water, brines & glycol solutions; thermo-compressors and Ogden pumps; refrigeration and heat pumps for process applications as well as comfort temperature control; resistance electrical heating; process heat exchangers (including shell & tube, plate & helical types); numerous other types of equipment; metallic, plastic, ceramic and other materials of construction, corrosion protection by coatings and by anodic & cathodic protective systems; instrumentation and process control; utilities and piping.
- Two U.S. patents in the fields of thermodynamics and heat transfer.