



Matt Rouse, P.E.

Hydrocarbons and Chemicals Business Unit Head (USA)

Tata Consulting Engineers

EDUCATION

- M.S., Mechanical Engineering (Advanced Dynamics & Robotics) – Georgia Institute of Technology
- B.S., Mechanical Engineering – Louisiana State University

DOMAIN KNOWLEDGE

1. EPCM Alliance Programs
2. Engineering Quality Systems & Continuous Improvement
3. Flashtrack and Disaster Recovery Project Execution
4. Operations and Business Unit Leadership
5. Gated Processes for Capital Project Execution
6. Total Installed Cost Estimating

SOCIAL

<https://www.linkedin.com/in/matt-rouse-pes-011b1ba/>

- Louisiana Registered Professional Engineer (PE No. 38597)
- Construction Industry Institute (CII) Research Team Contributor
- LSU Mechanical Engineering Industrial Advisory Committee
- LSU Mechanical Engineering Capstone Project Review Committee

PERSONAL

Outside of work, enjoys competitive road racing (time trials), hands-on metal fabrication, traveling, and spending time with family.

Matt Rouse is the Hydrocarbons & Chemicals USA Business Unit Head at Tata Consulting Engineers. With more than 25 years of experience spanning operations leadership, project delivery, account management, and mechanical engineering, he has built a career leading high-performing organizations and delivering complex industrial projects across the hydrocarbons, chemicals, manufacturing, and energy sectors.

Matt is responsible for the overall performance of the Hydrocarbons and Chemicals Business Unit in the USA, with accountability for safety, engineering, procurement, construction management, project management, and project services. He works closely with clients to align capabilities, service offerings, and execution strategies with business objectives while fostering a culture focused on safety, quality, collaboration, and continuous improvement.

Throughout his career, he has successfully led projects ranging from small maintenance initiatives to industrial expansions exceeding \$250 million in total installed cost. He has also played key leadership roles in the execution of several high-profile projects, including refinery rebuilds, ammonia and urea facility modifications, CO₂ infrastructure projects, marine facility engineering, battery materials, and direct reduced iron.

Matt has been instrumental in advancing engineering quality and operational excellence initiatives. He served on a Construction Industry Institute research team that developed industry best practices for engineering deliverable quality measurement and has led numerous initiatives focused on quality management systems, performance metrics, workforce development, and organisational effectiveness.

Prior to Tata Consulting Engineers, Matt worked within Schlumberger's research and development organisation, where he led multidisciplinary engineering teams responsible for the design, testing, and commercialisation of advanced oilfield technologies, including electronic downhole tools and remote-controlled coiled tubing surface equipment. Earlier in his career, he conducted robotics and intelligent machine research at the Georgia Institute of Technology, contributing to innovative remote-control and automation technologies.

A licensed Professional Engineer in Louisiana, Matt combines technical depth with operational leadership and is recognised for developing strong client relationships, building high-performing teams, and delivering practical solutions. He remains actively engaged in developing the next generation of engineers through his support of Louisiana State University's engineering programs