

FORSTHOFFER ASSOCIATES INC.

THE CROSSINGS
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FAI (FORSTHOFFER ASSOCIATES INC.) COMPANY PROFILE

FAI was founded in 1990 by William E Forsthoffer after 28 years of experience as a Machinery Design Engineer (Compressors & Steam Turbines) with De Laval (Siemens) and a Corporate Machinery Engineer with Mobil Oil (ExxonMobil). Michael S. Forsthoffer is currently the president of the company, who has 20 years of Machinery experience and has been with the company since 2009.

The FAI vision has been to provide World Class Machinery Consulting Services using the Machinery Design Experience of each of our 15 associates along with their Plant Experience to achieve the optimum level of Plant Machinery Reliability for our Clients. FAI Clients consist of all Major Global Refinery and Chemical Companies. FAI Clients consist of all Major End Users in all industries where Machinery (Pumps, Compressors, Steam Turbines, Gas Turbines, Extruders, Gearboxes, etc.) is utilized.

Since 1990 FAI has developed over 300 specific Machinery Best Practices that are based on our plant operating experience and enhance API and Major End User Specifications by detailing specific actions to assure Optimum Machinery Safety and Reliability.

FAI has worked with and is respected by all Global OEM's for their objective approach to resolve Client Reliability Issues. In addition, we have extensive experience in all Machinery Applications (Refinery FCC, Hydrocracker, Reformer Etc. and Chemical Ammonia, Ethylene, Methanol, Power Plants, etc.) as well as Upstream Applications (Off gas, Gas Booster, LNG etc.)

Our Major Machinery World Class Consulting Services are:

- **Site Machinery Condition Assessments – Review Client Input Information on existing issues and operation/maintenance philosophy, prepare FAI Questionnaires and Cycle multiple times prior to visiting site to assess machinery condition, operating and maintenance strategies, and resolve any ongoing reliability issues. We pass our knowledge onto the on-site expertise to assure continuity of our principles to optimize machinery reliability.**
- **RCA and RCFA (Root Cause and Root Cause Failure Analysis) using our proven Methodology used for all Major Industry Clients since 1990**
- **Machinery Reliability Assurance Programs for New Projects and Revamps consisting of Project Specification review and modifications, machinery selection, document review and FAT (Factory Acceptance Tests) utilizing FAI Best Practices. FAI Assurance Programs have been used for Machinery in Global Mega Refinery and Chemical Plant Applications (FCC, LNG, Ethylene, Methanol etc.)**

- **24/7 Machinery Reliability Assistance utilizing our Staff Design and Plant Operation experience and our Best Practices to promptly resolve costly Machinery Safety and Reliability Issues.**

References for all our Services are available upon request as well as resumes for each of our Associates. Please visit our website for additional details

www.forsthofferassociates.com