

SIEMENS



MEASUREMENT INTELLIGENCE

Everything for Process Analytics Under One Roof

usa.siemens.com/analyticalproducts

Today's global business environment for the Hydrocarbon Processing Industry demands fast and agile response to changing market needs. The Siemens Houston Gas Chromatographs and Integration (GCI) facility is your ideal partner for process analytical projects covering all aspects of any process analyzer project from engineering assistance during project definition through project execution and field start-up.

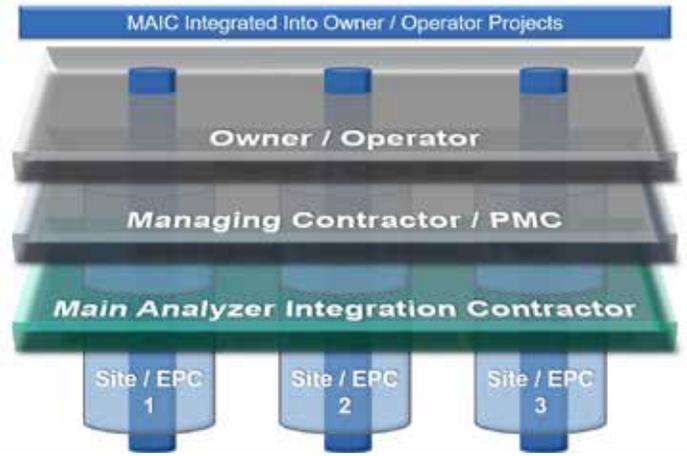
Whether the project is only a single Maxum Gas Chromatograph or mega-projects with hundreds of different types of analyzers, Siemens Houston GCI facility has over 60 years of process analytical project execution. Engineering and technician experience covers project execution, system design, including shelters and sample systems, and plant-wide data communication.

By providing everything in one location, all phases of the project smoothly transition from one phase to another assuring project completion on-time and on-budget. There's never the worry about important details being lost as it moves from one phase to another. And as your future needs grow, the Houston GCI facility will be there to assist.



Process Analytical services available from the Houston GCI facility include:

- Front End Engineering Services and Design
- GC Manufacturing
- Systems Integration Project Procurement and Execution
- Integrated Engineering / Production / Test
- Training / Spare Parts / Field Service
- 24-hour Technical Phone Support
- Main Analytical Integration Contractor (MAIC/AIV)



Modern Manufacturing Facility

The Houston GCI facility has been designed from the ground up with all aspects of project execution under one roof for seamless integration that minimizes potential miscommunication or project delays. Projects are defined, engineered, assembled and tested in one location which simplifies the customer's project progression. Unlike other analytical system suppliers, there is no need to travel to various office for project meetings or acceptance tests. Furthermore, innovative manufacturing processes such as using an assembly line style analyzer shelter concept, helps keep, even the largest projects, on schedule. eFAT capability was also introduced to accommodate travel restrictions and remote working.



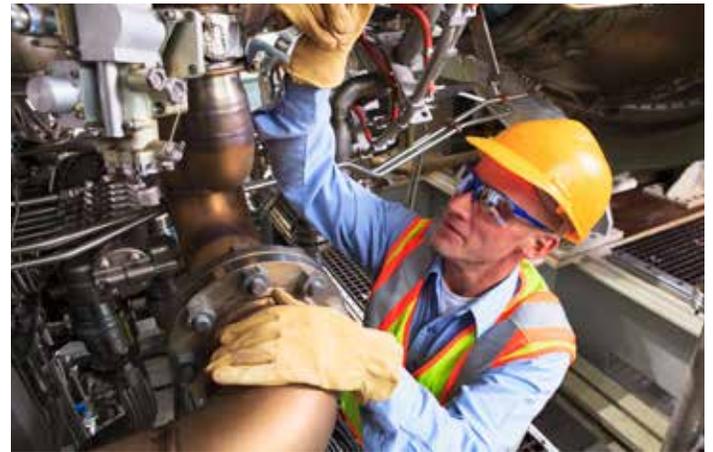
Tailored Process Analytical Solutions

Using modern digitalization manufacturing technologies, projects are custom engineered to the customer's specific requirements while maintaining consistent high level of product quality. Pre-defined solution modules, based on 60 years of experience, provide the flexibility to be configured to nearly any application while allowing for custom designs as needed. These consistent proven designs provide high quality and reliable analytical measurement results.

Each project is assigned a project manager that has the experience to handle specialized issues that can occur with process analytical projects. Furthermore, a number of digital tools are available during project execution to keep the customer up-to-date at every step of the project.

Main Analyzer Integrator Contractor (MAIC)

Siemens Process Analytics is uniquely qualified to fill the role of the MAIC solution for a number of industries and markets. Siemens' decades of experience with a wide range of analytical (process & environmental) and communication platforms provides the essential skills to assist clients in selecting the best process analytical solution that both fits their unique business requirements while offering cost-effective solutions. Siemens assembles the expertise required to ensure the seamless integration of diverse, complex process analysis solutions. Consistency of personnel beginning with the frontend study and front-end engineering design activities and continuing through plant commissioning is key to the overall success of any project.



Comprehensive Customer Service Support

The Siemens GCI Houston facility is staffed and equipped to provide support for all aspects of service support. Seamless integration from a system's assembly and testing through to on-site start-up helps ensure smooth project execution. The facility also has dedicated training facilities and spare part inventories as well as 24-hour phone technical support available at no charge.

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Published by
 Siemens Industry, Inc. Process Automation
 Process Industries and Drives
 100 Technology Drive Alpharetta, GA 30005
 1-800-448-8224 info.us@siemens.com
 Subject to change without prior notice
 Order No.: PIAFL-00086-1021
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