

sedres

Committed to providing solutions...



Making A
Measurable
Difference

Sedres Group Company

**Any System.
The Right Solution.**

Independent Process Analyser System Integrator.

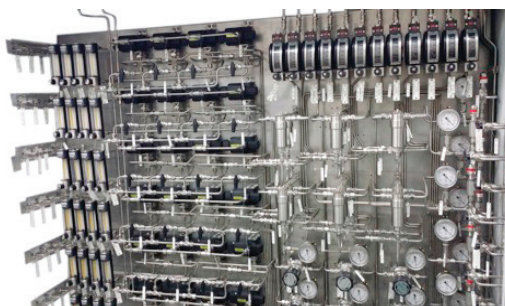
SASFCO is Group company of M/s SEDRES - Jubail, established in Saudi Arabia, offering complete manufacturing and integration capabilities. Expertise in consulting, integration design, manufacturing, commissioning, field service and training for all types of process analysers, makes Sedres the most reliable analytical system solution provider to its customers in the Middle East. Be it the on-site commissioning, testing and maintenance of all analysers and related systems or service support in the continuous operations of the systems, the team at Sedres is committed to delivering the best in class products and services to its customers.



We are focused on ensuring the best possible solution for specific applications for every customer.



“ Customer Satisfaction Is Our Main Focus. We Never Say - It Can't Be Done. We Believe There Is Always A Way.”



Sedres, being an independent integrator doesn't just integrate with the system but integrates with its customers. We are focused on ensuring the best possible solution for specific applications for every customer. It is for this reason that Sedres remains independent, thereby allowing for flexibility in responding to customer needs with 'The Right Solution'.

Moreover, being independent provides a single channel of communication and ownership of responsibility from the initial bidding to final FAT and site commissioning. Involvement at all stages of the project helps in achieving consistent design, component selection, assembly, and system performance.

With solutions in process analytical and instrumentation systems, continuous emission and stack monitoring systems, water quality monitoring systems, LNG sampling systems and packages, the Sedres quality of service and support remain unparalleled.

Expertise Meets Experience

At Sedres, it is knowledge in motion, continuously leveraging the extensive instrumentation and analysers experience of its engineers, including sample conditioning systems engineering and design, shelters integration and project management, and expertise in the chemical, hydraulic, mechanical, electrical, and PLC logic fields. In fact, Sedres is one of the few companies in the industry offering mechanical engineering capabilities thereby having the resources to build the entire solution in-house.

Increasing Reliability. Raising Productivity.

In-depth knowledge, practical insights, innovative approaches and technological superiority, form the cornerstone of our practices. Dependable process control, reliable monitoring, high safety standards, environmentally responsible solutions, all combine resulting in maximising productivity and reliability. The right system minimising downtime for our customers adding value to efficiencies, productivity and sustainability.

Products and Capabilities

Analyser Systems

Analyser Systems are supplied and installed in custom built special Analyser Houses including air-conditioning, power distribution, lighting, fire and gas system, relevant piping and wiring. Analyser systems are also supplied in three-sided shelters, cabinets or racks as per the customer and/or analyser requirements.

Process sample probes and sample transport lines are designed to ensure representative and rapid sampling, avoiding a possibility of contamination or dead volume. Sample conditioning systems provide the sample in a state and condition compatible to the measurement technique used by analysers.



Analyser Shelters

Analyser Shelters are customised to meet the most stringent specification. Each shelter is designed, manufactured and supplied to meet the applicable area classifications and standards.

We manufacture Analyser Shelters constructed from various materials such as Stainless Steel (SS304 or SS316), painted if required, Painted Galvanized Steel, GRP and Aluminium.



Continuous Emission and Stack Monitoring Systems

Effective Flue Gas emissions monitoring analysis systems designed for reliable and easy usage. Analysers are selected to give excellent performance for the detection of emission gases. Continuous Emissions Monitoring Systems (CEMS) are used to provide data for compliance with regulatory requirements for the control, monitoring and reporting of pollutant emissions.





Steam and Water Analysis Systems

Customised Steam and Water Analysis Systems (SWAS) provide safe, fast and accurate analysis. Steam and Water Analysis Systems (SWAS) are used at power plants to automatically analyse and display critical information about the purity and condition of water and steam in the power cycle.



LNG Sampling Systems

Design and fabrication of Sample Holding Tanks and integration of related sampling systems for LNG sampling. LNG quality and composition is determined by proper sample probe and suitable sample system designs.



Packaged HVAC

Manufacture of packaged HVAC system suitable for installation in electrically classified hazardous area, as applicable.

The External Wall Mounted Packaged air conditioners are robustly designed and constructed for use in hazardous areas in offshore, refinery and petrochemical environments, for pressurisation (ventilation) and air-conditioning.

Electrical Components

Technical support and supply for Electrical Components for hazardous areas. We supply Power Distribution Panels (PDBs), PLC panels, alarm panels, junction boxes, switches and other components suitable for hazardous areas as per NEC, ATEX and IECEx requirements. Sedres also provides heat trace bundles systems, with their accessories for field installation, space and enclosure heaters, thermocouples and several other components.

Sampling System Components

Supply of all the components required for the sample conditioning system.

Components such as liquid knock-out system, sample coolers, scrubbers, fittings and valves, special coated tubes, pressure regulators and gauges, flow meters and flow switches, heat exchangers, filters and many more.

Site Commissioning and Maintenance Services

Sedres service team can perform site activities during the plant commissioning and start-up for the process analysers and related systems.

Sedres provides cost effective annual maintenance packages for the process analysers and related systems. Our expertise in the complete analyser system packages provides the customer peace of mind, eliminating added cost and inconvenience of unexpected break downs and production down time.

Project Management and Project Inspection

Expertise in the full spectrum of system integration and project management provides the technical and management capability for successful execution of projects.

Training

Our project and service engineers provide training to field engineers, technicians and operators to carry out routine care of the on-line analysers. The training can be conducted at our facilities or the customer site with the objective of ensuring the on-line analysers and related systems are operating smoothly.

Efficient Solutions. Long Lasting Relationships.

Our solutions have resulted not only in enhancing business efficiencies but converting them to long lasting relationships.

Excellence that complies with all norms and certifications.



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