

Oil and Gas metering systems

Turnkey metering solutions for Liquid and Gas

Solutions at each stage of oil or gas transfer line

- From production to transportation and from storage to distribution
- Metering solutions for crude oil, natural gas and refined products

World class supplier to the upstream and downstream Oil & Gas industry

- A complete solution provider for metering
- From conception to design, manufacturing and commissioning
- Project management of turnkey automation and metering applications





Metering solutions at each stage of Oil & Gas transfer line

We provide a wide range of solutions with professional engineering, global project management and after-sales support to all segments of the oil and gas industry.

Our portfolio consists of solutions for all sectors of this industry: from production to transportation; from refining to distribution; and from storage to retail.

Our understanding of your application ensures that we are able to design and provide the solution that meets your requirements in:

- Metering
- Calibration and proving
- Supervisory and flow computing systems
- Loading and off-loading

A Full responsibility from design to completion

- Design & Engineering
- Project Management
- Manufacturing
- Calibration
- Factory Acceptance Test
- Start-Up /Commissioning
- Site Acceptance Test
- Training
- Service



Supervisory System for metering

Supervisory system dedicated to metering is a part of our portfolio.

It takes into account the very specific needs in terms of allocation and fiscal metering.

Its open structure allows information exchange with existing DCS. It can also communicate with flow computers linked with primary heads, instrumentation and analysis package.

Keys points

- Consolidation of data with customizable reporting
- Real time and historical trending
- Control of valves, PLC and flow computer functions
- Wide information-exchange possibilities to LIMS, DCS, SAP, hydrocarbon accounting, etc.



Gas Flow Metering Systems

We have been supplying gas flow custody transfer metering systems for over 30 years.

From production areas to city gates, we have optimum solutions for your custody-transfer gas measurement request.

Our team has the knowledge and experience of supplying systems using the entire palette of technologies from orifice plate to turbines and ultrasonic meters.

Our engineering department handles and executes all aspects of the design: structural, mechanical, piping, electrical, instrumentation, flow computing, supervisory. We can also perform the complete analysis package for control of gas quality and energy metering.

Measured medium

- Natural gas
- Industrial gases

Metering

- Custody, allocation and in plant flow metering
- Sampling systems
- Analysis and energy metering package

Applications

- Exploration & production
- Methane terminal
- Gas treatment & processing
- Pipeline & transportation
- Underground storage
- Pressure reduction installation
- City gate and distribution
- Feed gas and power generation



Liquid Flow Metering Skids

We supply the complete spectrum of activities related to liquid metering skids for onshore and offshore applications:

- Liquid flow metering package, fully assembled
- Calibration system via provers or master meters
- Pay & Check configuration with redundant operation
- Sampling and analysis modules
- Up-grading of existing installations

Measured medium

- Crude Oil
- Condensate, LPG
- Refined Products
- Fuels
- Non corrosive liquid chemicals

Metering

- Custody Transfer
- Fiscal
- Allocation

Applications

- Offshore: Platforms, FPSO, Tankers, SBM's
- Onshore: Pipelines, Terminals, Loading & Offloading,
- Petrochemicals, Refineries
- Multi-product metering skids
- Calibration, proving

Worldwide Location Chart

• Headquarters - Sales Department

PARIS NORD II - C/O SATAM
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• Manufacturing facility

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As MecI regularly improves its products to ever better respond to evolving market and regulatory requirements, it reserves the right to change any of the specifications of these products, and this without prior notice.