



SOCRATE

METERING
BUSINESS UNIT



SOCRATE—COMPANY OVERVIEW

For over 30 years, our focus is on the Italian and Mediterranean Oil and Gas Market offering Process Instrumentation Products, System and turnkey solutions for process analysis, Metering and Fire and Gas Safety Solutions.

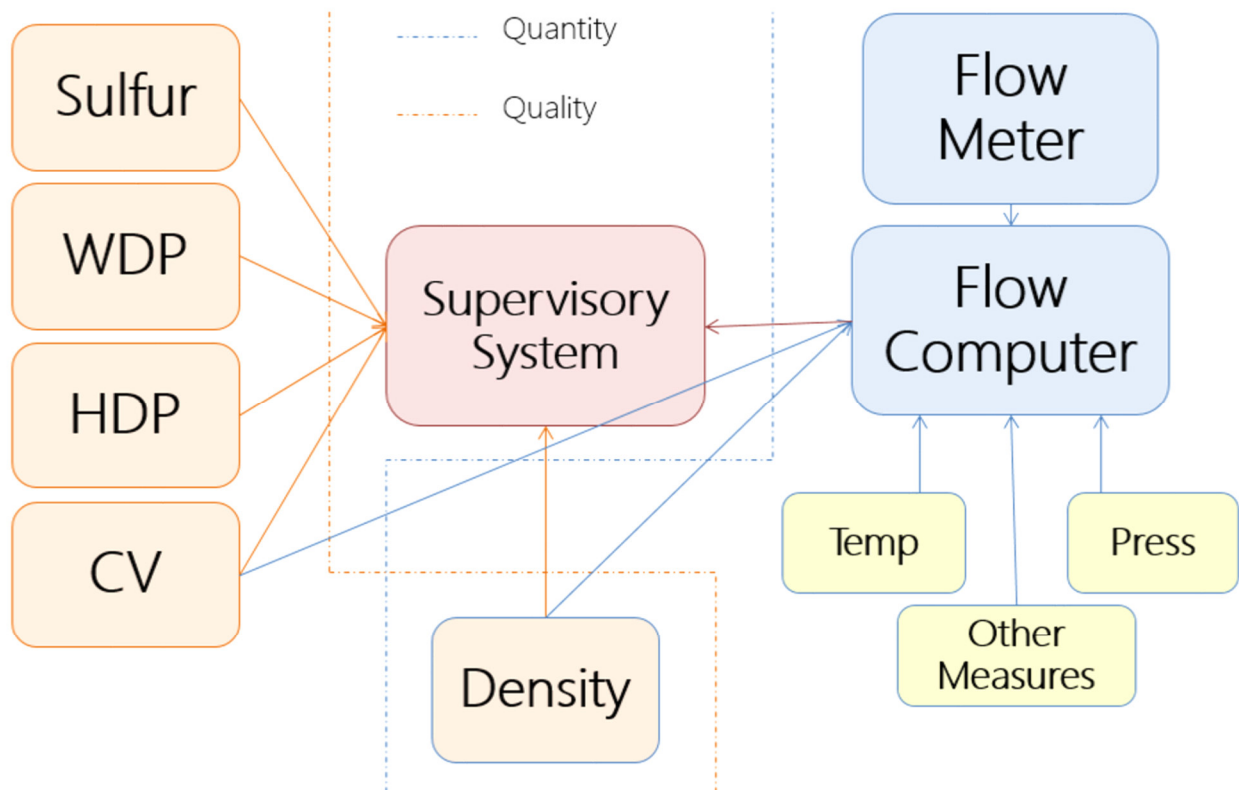
Socrate provides to their valued customers the highest quality products & services, using engineering experience gained over many years of designing, implementing and commissioning hundreds of systems for numerous project applications.

Our multidisciplinary team is composed by qualified engineers and technicians with more than 20 years of main experience in metering systems.

SOCRATE – METERING BUSINESS UNIT

Design, manufacturing and commissioning of NATURAL GAS metering & measurement systems SKID-mounted.

FISCAL OR CUSTODY METERING SYSTEM:





SOCRATE – METERING BUSINESS UNIT

If you are measuring quantities of gas used or oil supplied, we provide the highest quality metering tools and systems to measure flow and usage:

- Fiscal Gas UFM
- Fiscal Gas Turbines
- Orifice Fittings
- Flow Computer
- Supervisory Systems
- Gas Chromatograph
- Gas Quality Analyzer
- Density meters



SOCRATE



METERING BU – EXAMPLES OF APPLICATIONS



GREEN STREAM – (Italy)

**N°3 meter runs DN 20”
ANSI 600 –Std. ISO 5167 –
Straight pipe 50xDN**



SCOGAT (Tunisia)

**N°5 Systems for fuel-gas
Compressor stations
(Cap Bon-Feriana-Sbikha-
Sbeitla-Korba)**



ENI EXPLORATION & PRODUCTION (Italy)

**N°5 Meter Runs (Orifice
Fittings)
DN 8” - ANSI 300 Duplex
Stainless Steel
Control System for
Metering Station**



METERING BU – EXAMPLES OF APPLICATIONS



**SAIPEM / Trans Austria Gas-
leitung GmbH (Austria)**

**BAUMGARTEN GAS STATION
N°6 Flow Meter Lines 30"
DN 750 ANSI 600**

**ARNOLDSTEIN GAS STATION
N°8 Flow Meter Lines 20"
DN 500 ANSI 600**



**YINSON PRODUCTION PTE
Ltd/ENI Ghana E&P**

FPSO

**N°1 Metering Skid - Control
System for Metering station**

N°1 Gas Quality Cabinet



**SAIPEM / ITAL GAS STORAGE
(Italy)**

STORAGE PLANT

N°1 Metering Skid

**N°3 UFM LEFM 380 Ci DN
24" ANSI 600**

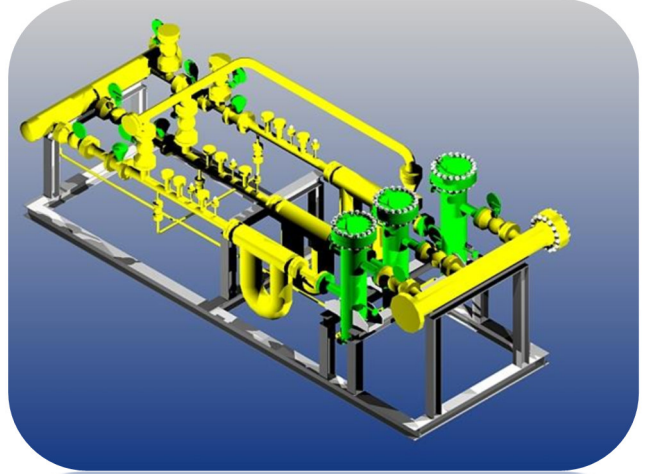
N°1 Gas Quality Cabinet



SKID MOUNTED METERING SYSTEM

During the last 20 years of activities, Socrate SpA has successfully Engineered, Procured, Installed, Commissioned and Revamped the following products and plants:

- Skid mounted Metering Systems.
- Unidirectional and bidirectional Pipe Provers.
- Product Quality Skids (e.g. analyzers, automatic sampling systems).
- Control Systems with dedicated flow computers.
- Sheltered Control Rooms.



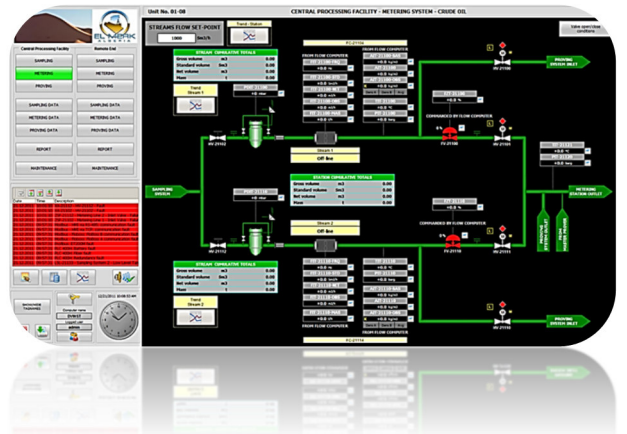
SOCRATE SpA is fully qualified to play a role of EPCC Contractor, in every step of the process.

SOCRATE SpA is able to supply turnkey metering systems applying various technologies, (e.g. turbine, ultrasonic, coriolis, pd meters, orifice fitting), designed



and developed in full accordance with the most recent and used international standards (AGA, API, ISO etc)

From design to final start-up Socrate SPA personnel is committed to fully satisfy the Client specification in terms of time and quality.

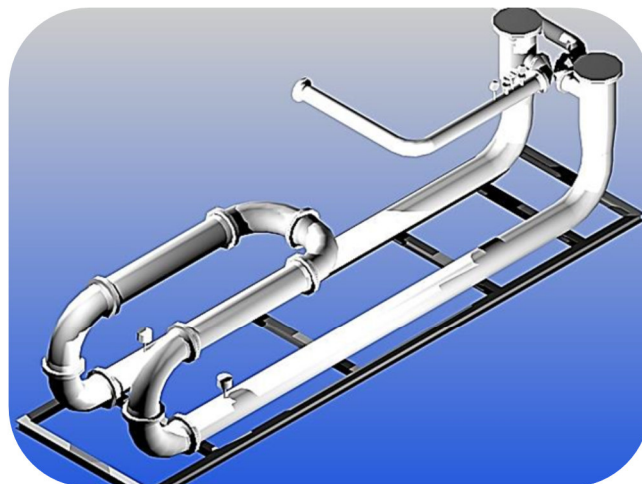




PROVER AND QUALITY SYSTEMS

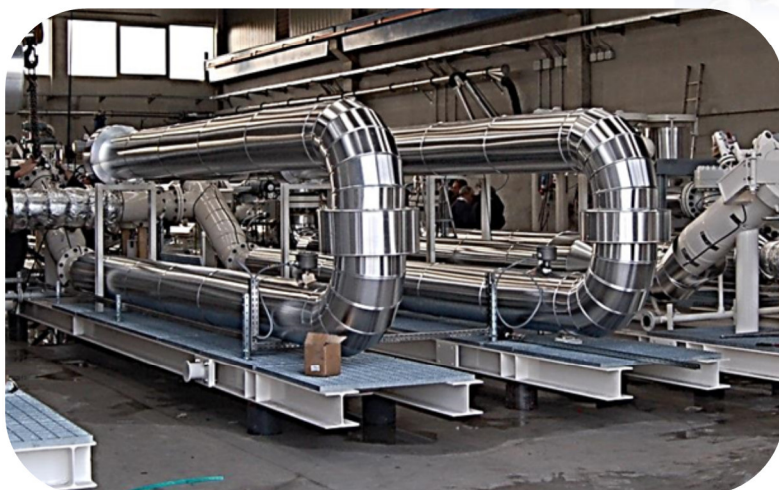
SOCRATE SpA is specialized in designing, manufacturing, installing and calibrating pipe provers, following the requirements set forth in the most recent API MPMS 4 revisions.

High level of mechanical construction and integration is guaranteed, from material selection and pipe dimensional control to precise workshop calibration, passing through



an accurate pipe internal coating and assembling.

Our engineers have broad experience in controlling all the steps of fabrication ensuring total quality of the manufacturing.



Metering systems often requires additional packages for controlling and measuring the quality of the products (e.g. density, sulfur content, viscosity). Socrate SpA successfully designed and installed quality skids like:

- Automatic sampling systems
- Densitometers and on line analyzers in fast loop



SOCRATE



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