



**LOCAL PANEL
AND
LOCAL CONTROL PANEL**

COMPANY PROFILE

SITES with over 20 years experience, enjoys an international reputation for supplying control panels, PLC, BMS and pneumatic control systems.

Skilled engineers provide a comprehensive system design and manufacturing service for all types of control and instrument panels.

SITES is specialised in electrical and mechanical engineering covering numerous different customer requirements and industry standards, including IECex, IEC, ATEX, NEC, BS, API and ABS.

SITES is involved in all aspects of control system technology; from relay systems, marshalling cabinets, pneumatic and electronic control and shutdown, to advanced PLC/SCADA and computer applications.

Using high quality of materials (painted mild steel, stainless steel and GRP enclosures) SITES handles anything from single point alarm monitoring to complete plant control.

Our drawing and documentation packages offer a full service where precise drawings are supplied throughout the engineering/manufacturing stage and on completion all systems are supplied with detailed operating manuals (drawings, operating sequences, component brochures etc).

Everything is carefully controlled and tested to the highest standard.



HAZARDOUS AREA CONTROL

SITES is well known in the industry as a specialist in the field of hazardous area control systems. With our broad base of experience in this field, we have established excellent knowledge and contacts with the international clients.

Whether it is the design and manufacture of specialised equipment or a need to solve your problems.

SITES can supply this protection types :

- Flameproof - Exd
- Increased safety - Exe
- Pressurised - Exp
- Intrinsic safety - Exia/b
- Non-incendive - Exn

For any other type of material we are able to assess the feasibility and possible certification of cabinets ad hoc.

SITES is able to supply all type of Panels in the following fields application:

- Petrolchemical Industry
- Gas Production Plants
- Gas Recovery Installation
- Water Treatment Plants



SHUTDOWN SYSTEM

SITES's experience covers the full spectrum of safety shutdown systems based on:

- Pneumatic and/or electromechanical devices
- Solid state combined with electromechanical devices
- Fail safe high integrity solid state electronic systems
- Programmable logic controllers combined with conventional proven electromechanical or solid state devices
- Hot standby
- Dual redundancy
- 2oo3 voting systems
- Flexible Modular Redundancy

PROCESS PLANT CONTROL

SITES has the control solution for all your process requirements.

Pigging Systems

Our considerable involvement and experience in the design and manufacture of launcher/receiver control systems, ensures we recommend the right solution for you. Options range from simple interlock logic for manual control, to semi-automatic and fully automatic PLC-based systems.

Our experience includes supplying industrial applications for “chip” manufacturers to online and subsea systems. Many systems are designed to the requirements of flammable atmosphere by purging, intrinsic safety or explosion-proof housings, whilst meeting the needs of a harsh marine environment.

Heater/Burner Controls

SITES systems range from local manually-operated to full automatic sequence controls with SCADA interface.

CONTROL ROOMS

The systems solutions SITES offers are often located by the skid user, be it pump or compressor etc, or located in a purpose-built central control centre.

However, in many cases the site does not warrant this or for environmental and operational reasons a small dedicated control cabin is a more cost-effective solution.

SITES offers central control rooms built in steel or GRP construction, internally completed with lights, heating, air-conditioning, rest room and shower facilities to meet your specific requirements.

These are then ergonomically designed to accommodate desk consoles for the operator, MCCs, ESD systems and SCADA as required.

The design includes for both hazardous environments and operating conditions.

PROGRAMMABLE LOGIC CONTROLLERS (PLCs)

Experience of the world's leading programmable controllers, combined with the application knowledge of rotating machinery and oil/gas markets, ensure SITES provides fully functionally tested software solutions.

- Fail safe, up to SIL 3 (IEC 61508, 61511)
- Hot standby
- Dual redundancy
- 2oo3 voting systems

PLC Experience

- Allen Bradley
- Siemens

SCADA / DATA LOGGING

SCADA - Supervisory Control and Data Acquisition - is the ultimate operator interface. Based on an industrial or standard desktop personal computer, the heart of the system is a specific software package, which runs under various operating systems.

In addition to providing 100% data integrity, this solution also delivers:

- Real time and historical trending, allowing the display of real time or historical data in graphical form with time and date stamping.
- Alarm management, allowing alarms to be sent to display screens, printers and files.
- Reporting, allowing customised reports for management to be produced containing real process information.
- Security: users can be assigned both individual and group rights; an audit trail lets you track and record operator actions.
- Communications to plant equipment via Ethernet, wireless via standard industrial protocols required.
- Business system communication using Ethernet and TCP/IP and a multitude of protocols.
- Multiple SCADA nodes which can be installed throughout the plant.

Applications

- SCADA
- Data logging
- DCSO
- Communications
- Batch control
- Process control



CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

SITES S.r.l.
Via Trento, 82
22070 Fenegrò (Como) – Italia

has been approved by Lloyd's Register Quality Assurance to the following Quality Management System Standards:

ISO 9001:2008

The Quality Management System is applicable to:

Engineering, manufacturing, assembly and assistance of gas, air, oil and gas treatment plants for petrochemical and energy companies.


This certificate is valid only in association with the certificate schedule bearing the same number on which the locations applicable to this approval are listed.

Approval Certificate
No: LRC 6009580/QMS/U/EN

Original Approval: 2nd June 2010

Current Certificate: 14th June 2016

Certificate Expiry: 14th September 2018


Issued by: Lloyd's Register Quality Assurance Italy Srl
for and on behalf of Lloyd's Register Quality Assurance Limited



This document is subject to the provision below
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CERTIFICATE SCHEDULE

SITES S.r.l.
Via Trento, 82
22070 Fenegrò (Como) – Italia

Locations

Via Trento, 82
22070 Fenegrò (Como) – Italia

Via Milano, 74 b
22070 Bregnano (Como) - Italia

Activities

Engineering, project management, manufacturing and assembly and assistance of electrical panels, control and power panels for petrochemical and energy companies. Prefabrication of steel structures.

Engineering, project management, manufacturing and assembly of gas, air, oil and gas equipment for petrochemical and energy companies. Technical assistance activities.

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