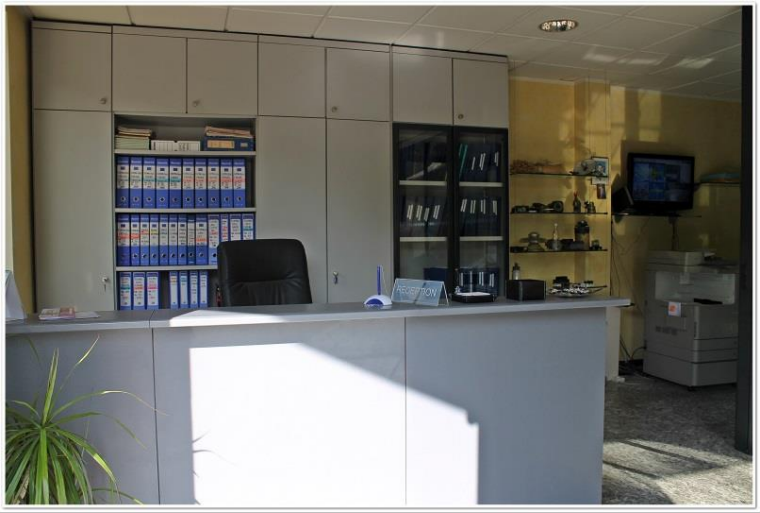
Elettro **2000**

ALWAYS AT THE FOREFRONT WITH NEW OPERATING SYSTEMS, MANAGEMENT, AUTOMATION AND SUPERVISION.

MADE IN ITALY

About Us

Gruppo Pedercini is a company that over the years has established partnerships with the most renowned manufacturers of machinery and automatic equipment. For over 20 years we provide specialized services in the field of mechanical assembly and machine field wiring.



AREAS OF SPECIALIZATION:

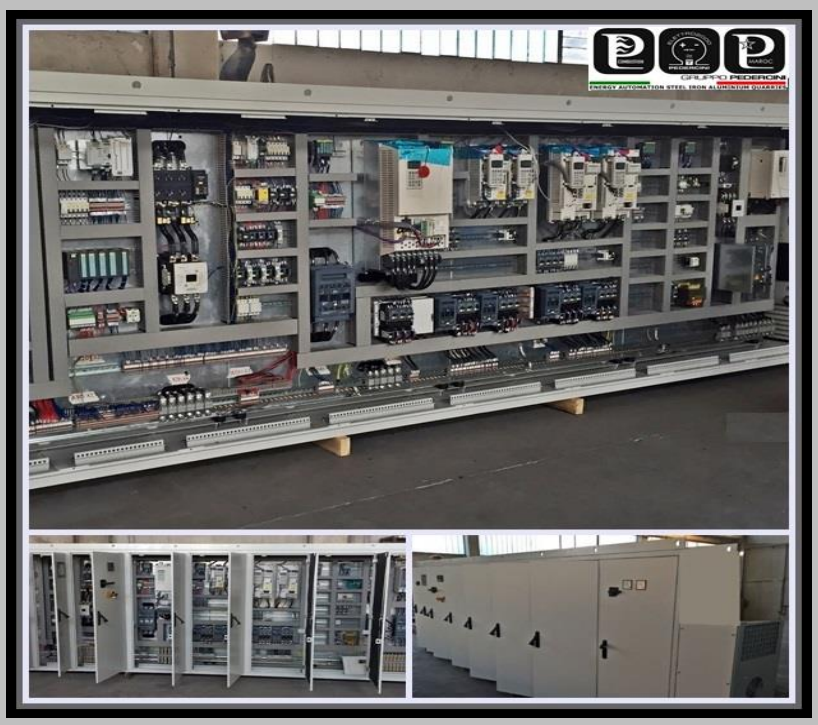
- Foundries and Steel mills;
- Oil & Gas;
- Machine tools;
- Plastic Extrusion;
- Packaging Machines;
- Automated manufacturing systems;
- Logistic systems for disposal goods;
- Automotive;
- Printing machinery.

Automation

Elettro2000 Srl provides a complete range of industrial automation control systems and also the design, engineering and manufacturing of standard and customized instrument panels, power distribution systems and Motor Control Cabinet.

We supply advanced controls and software:

- Analysis and consulting
- Designing
- Cabling electrical panel
- Equipment board Machine
- Software development PLC
- Software development HMI/SCADA
- Software development dot.net



Power Distribution

Our focus is on our customers: we take time to understand their needs and work in constructively partnership with them to respond quickly to their request, deliver high quality and cost saving solutions.

Our extensive know-how in supplying the top quality industrial automation control systems and excellent engineering services are all designed using the latest technology.

"Prior to shipment, all our electrical cabinets are subjected to rigorous testing reports, in order to ensure compliance with the project specification and in accordance with the international standards."

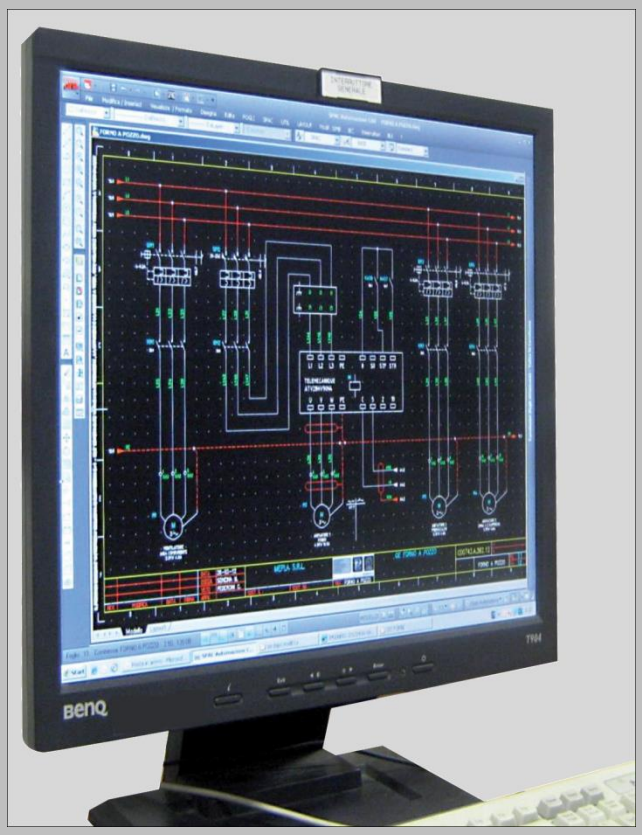
Board Machine

We are constantly engaged in offering a qualitative assortment of boards machine. Our technicians are expert in wiring and installation of board machine plants. In addition, our internal mechanical division provides the possibility to realize the following mounting:

- Mechanical;
- Hydraulic;
- Pneumatic.

Design

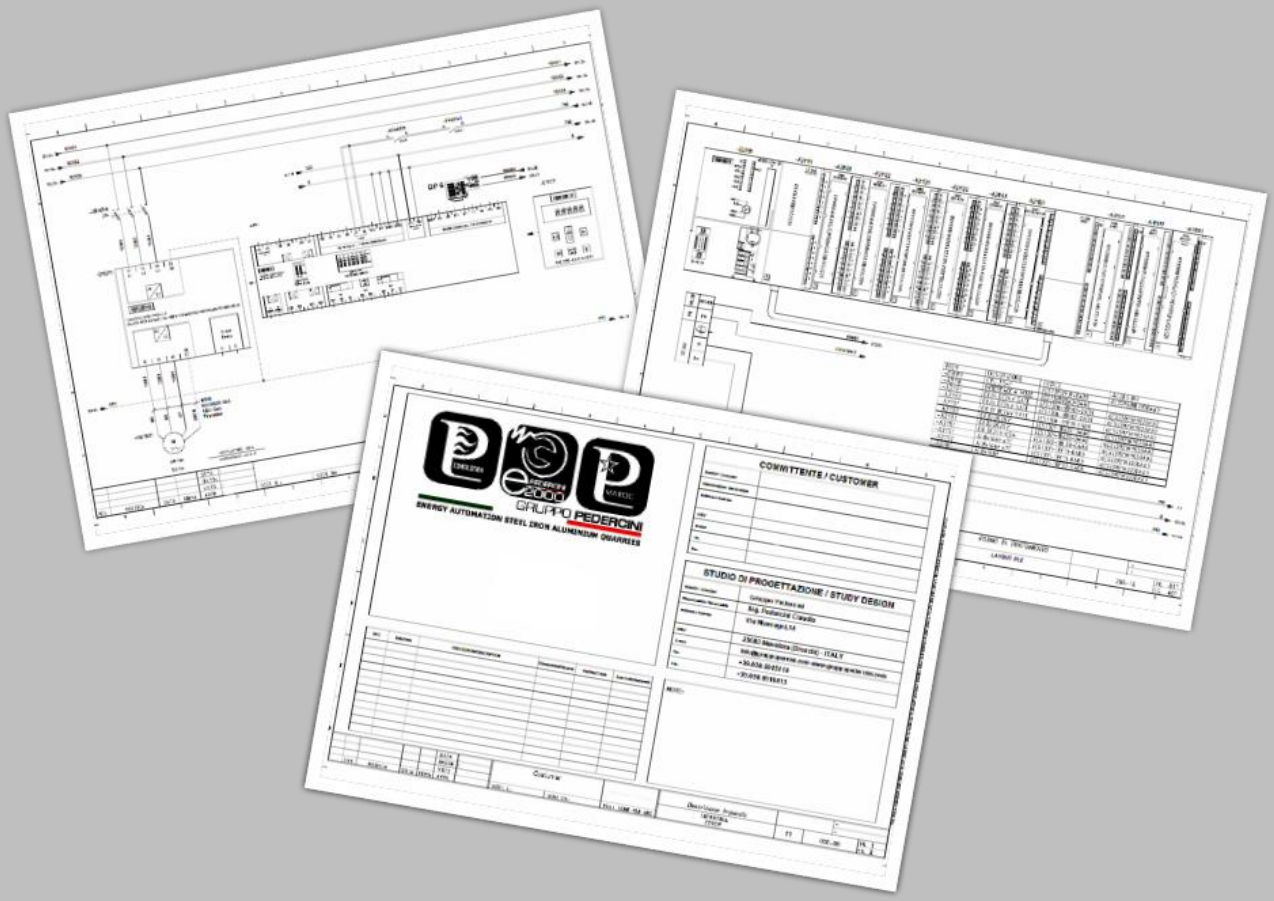
Electrical



Over the years, Gruppo Pedercini has acquired significant experience in designing that can be used to manage, archive, visualize, and evaluate process data.

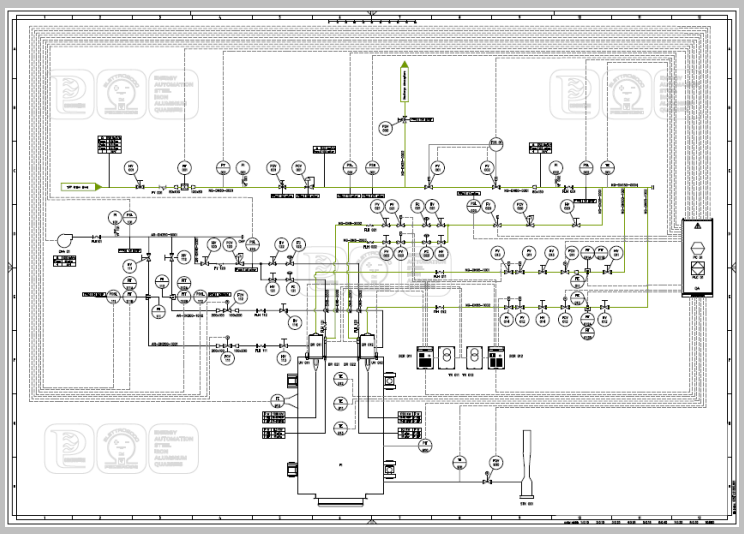
Our technical design office in collaboration with the R&D department regularly searches for technologically innovative solutions and conducts:

- Development of P&I drawings;
- Development of electrical drawings;
- Development of mechanical drawings;
- Preparation and supply of technical documentations;
- Tests, inspections and verifications with certified instruments on site.



Design

Mechanical

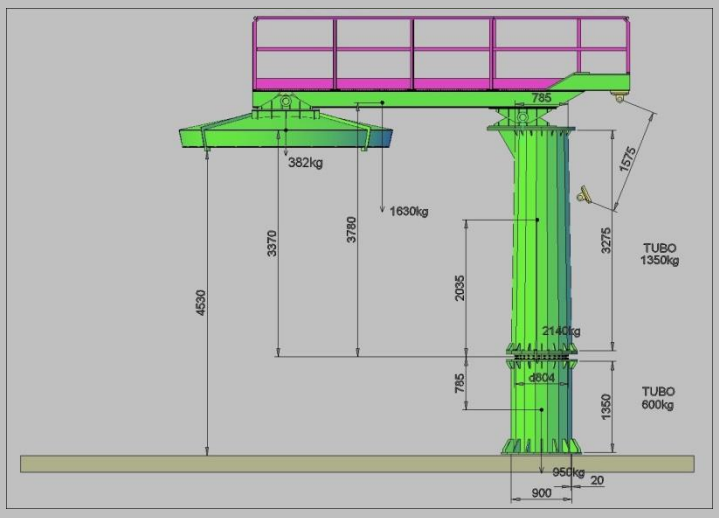


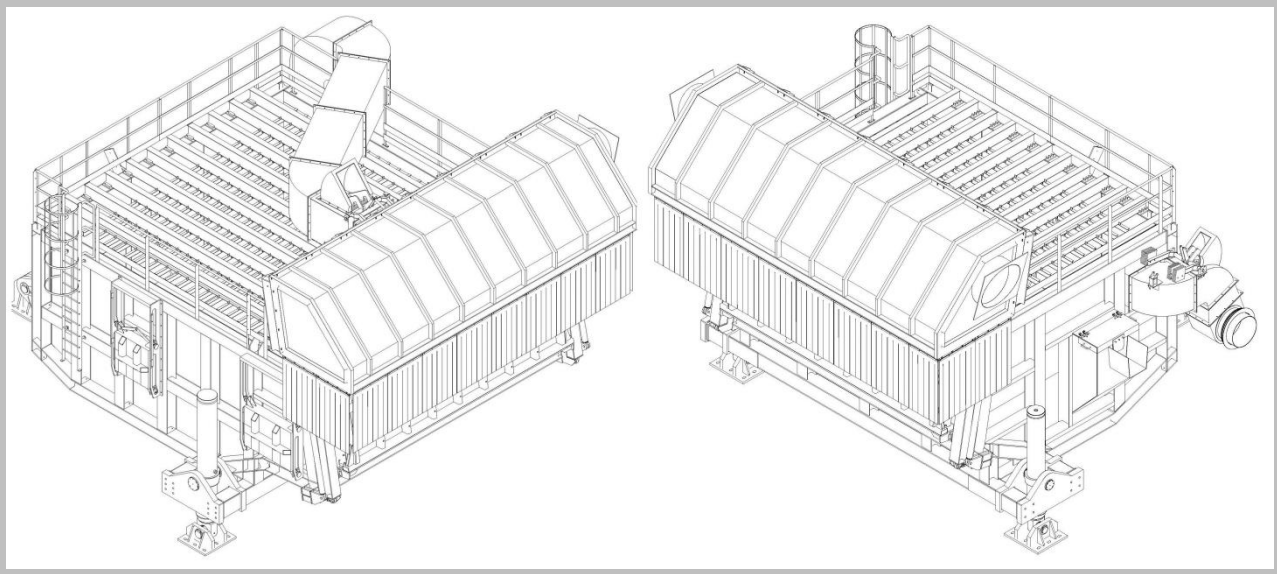
Thanks to their decades of working experience, our innovative engineers are specialized in design and mechanical development.

Operating system: **SOLIDWORKS**

Our machines are designed for:

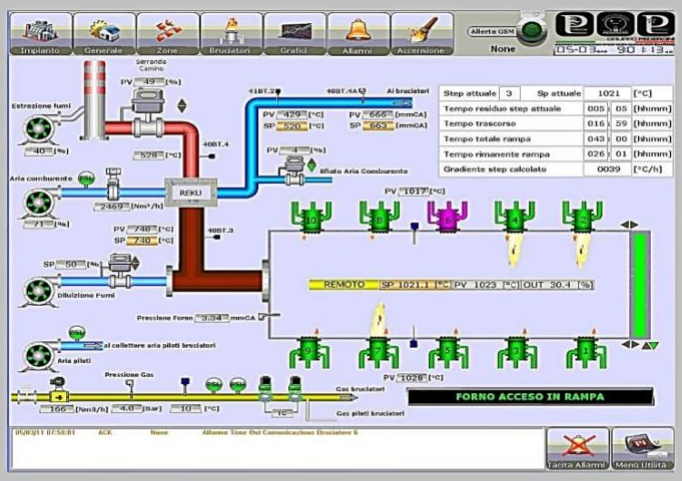
- excellent product quality;
- cost-efficient production;
- safe and easy operation;
- fast start-up;
- flexibility.

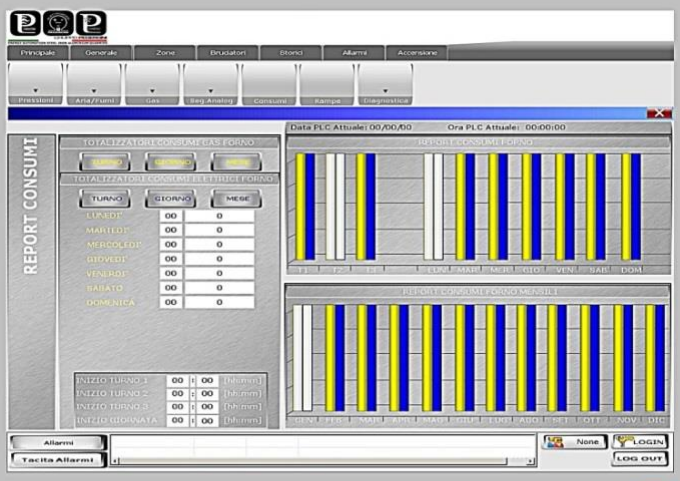


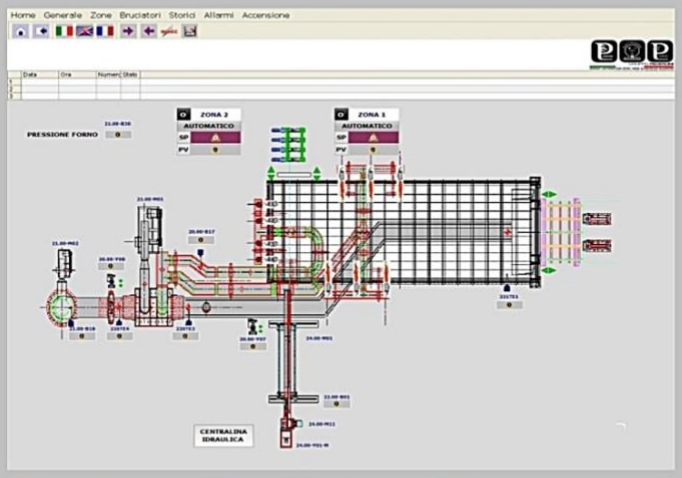


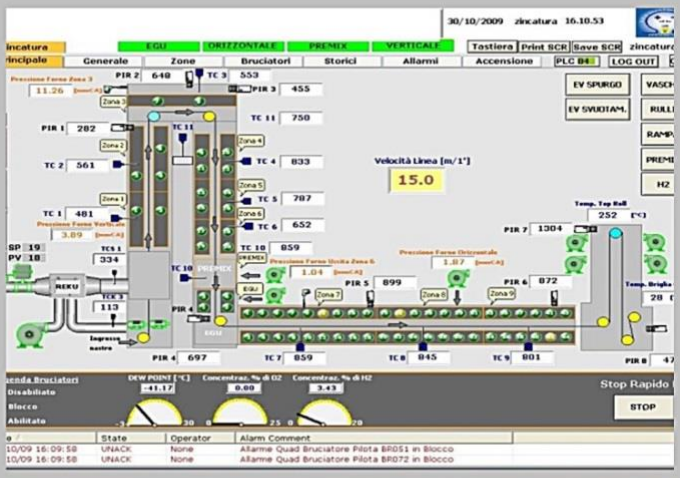
Software

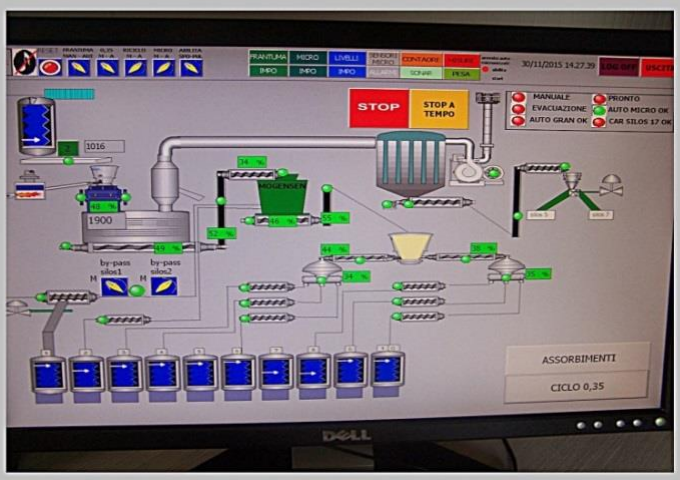
Gruppo Pedercini develops software with PLC and SCADA systems. We offer customize highly intuitive tools and the most innovative technologies with "Panel View" touch screens. We manufacture boards equip with an electromechanical control systems or PLC of the following brands: **Siemens** - **Rockwell** - **Proface** - **Phoenix**. Our teams of software engineers are specialist of HMI/SCADA type software for supervision with Wonderware platforms, Wincc, Tiaportal and Visual Studio.











Home & Building Automation

Gruppo Pedercini has formed a strategic partnership with Luminae, an Italian supplier of home and building automation system.

High technological content and the dependable materials are the most impressive features which let Luminae the very first advanced and totally integrated home automation system.

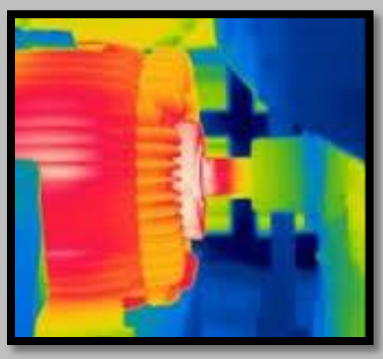
It allows you to create customized sceneries inside and outside the house and at the same time helpful and useful in order to let you enjoy your home, forgetting every kind of concern.

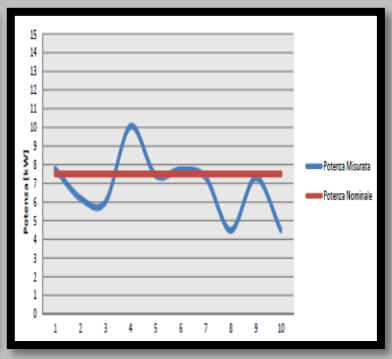
Your house is safe for the environment, eco-sustainability oriented and capable of a perfect optimization of all consumptions.

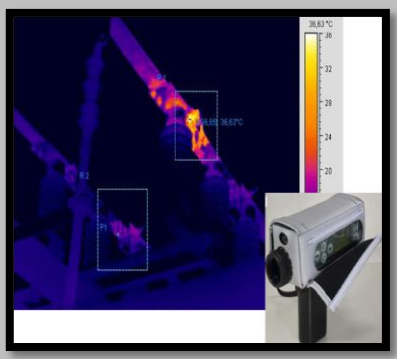
With Luminae you will feel completely safe even if you are inside or outside the house, because the system is remotely controlled and can simulate your presence at home to prevent intrusions.

Service

Our experienced personnel provide services designed to reduce downtime and above all improve overall performance of your equipment. Our engineering division staff provides integrated technical expertise and service in: **MECHANICAL EQUIPMENT; HYDRAULIC EQUIPMENT; ELECTRICAL DESIGN.**







- Control according to EN 61439
- Control according to EN 60204
- Analysis with thermal camera
- Analysis of electrical networks
- Analysis of environmental networks
- Equipment control with the use of certificated SIT tools
- Compilation of documents that are necessary to register the controlled activities
- Ordinary and extraordinary interventions for the maintenance of the instrumentation
- Ordinary and extraordinary interventions for the maintenance of combustion plants
- Spare Parts

R&D – Training Courses

Our R&D department deals with exciting, challenging and future-oriented technologies for all areas of automation. It is based on customer demands for continuous further optimization of products and services.

Gruppo Pedercini supports and promotes training courses for combustion technicians holding seminars at our headquarters in Nuvolera for training sessions that include workshops and practical demonstrations, seminars and video screenings.

GRUPPO PEDERCINI

ENERGY AUTOMATION STEEL IRON ALUMINIUM QUARRIES

Participation certificate

awarded to:

in order to certify that the customer has participated brilliantly to our training course

Combustion Level I

Teacher

Mr. Marco Zoppini
Technical Manager

Director

Mr. Claudio Pedercini
Chairman

COMBUSTION

PEDERCINI 2000

MAROC

GRUPPO **PEDERCINI**

ENERGY AUTOMATION STEEL IRON ALUMINIUM QUARRIES

Gruppo **Pedercini**

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MADE IN ITALY

kiwa

ISO 9001 QUALITÀ

IT - ISO 9001-2008