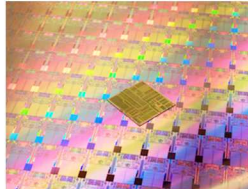


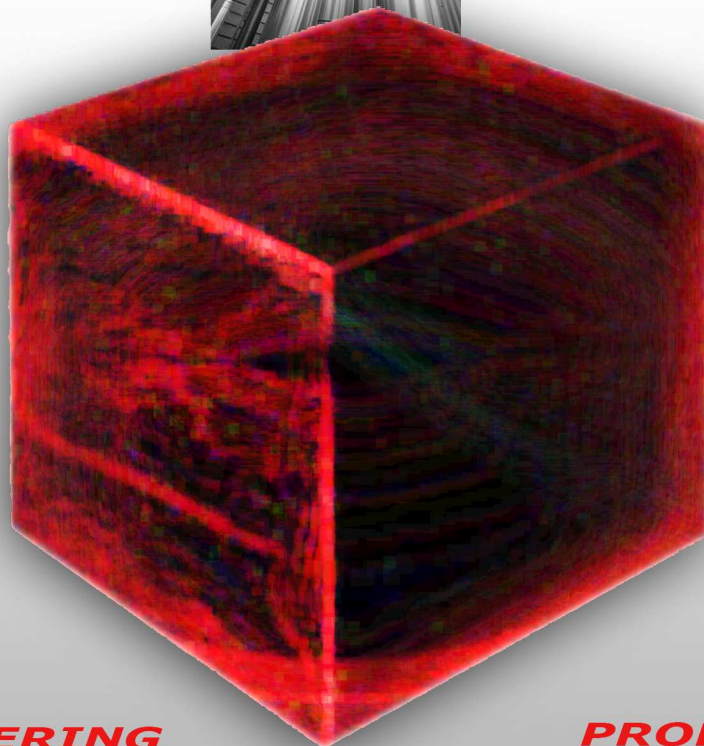
CLEANROOM



MICROELECTRONICS



PHARMACEUTICAL PLANTS

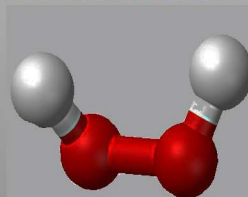


ENGINEERING

PRODUCTION

PROCLea

BIOTECHNOLOGIES



H₂O₂ TECHNOLOGIES



QUALIFICATION

HISTORY

Development and growth process of Proclea started in the middle of the eighties of the last century with the establishment of Colombo Engineering, focused on supply engineering and validation services to the electronics and pharmaceutical firms.

In the early nineties, Colombo Engineering has been flanked by Cleatec S.r.l., a firm which scope was the production of components for clean rooms and clean rooms design and construction. To get a stronger structure, Cleatec became shareholder of Hitech Legno, a manufacturer of composites. In 2009, Colombo Engineering and Cleatec was melted in a new company, Proclea S.r.l., which target is to integrate, pursue and improve the traditional activities of the former companies. The effort to improve the company shape continued with the shareholding of Genco S.r.l., a company devoted to the clean room construction.

More complex activities, as the capability to develop the whole process from the financial feasibility to the commissioning of biotech industries, and a stronger and younger shareholding characterize the current Proclea's profile.



ENGINEERING

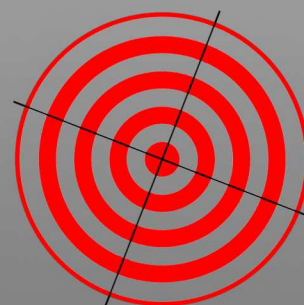
FOCUS

PRODUCTION

Satisfaction of the Client needs and investment durability: this are the key words of the Proclea action when a new project take place. Up-to-dated choices are the focus of Proclea design strategies to let the plants or clean rooms we do able to support the improvement of quality requirements that market imposes to our Client all along the life of the goods we do.

Full compliance with the status of the art and with the cGMP for which Clients subject to regulatory concerns.

Constant improvement of the quality for our production



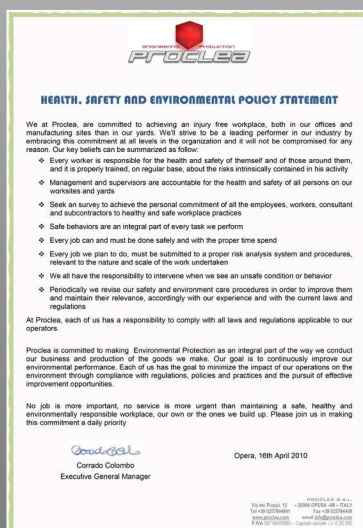


HEALTH SAFETY AND ENVIROMENTAL POLICY STATEMENT



We at Proclea, are committed to achieving an injury free workplace, both in our offices and manufacturing sites than in our yards. We'll strive to be a leading performer in our industry by embracing this commitment at all levels in the organization and it will not be compromised for any reason. Our key beliefs can be summarized as follow :

- ❖ Every worker is responsible for the health and safety of themselves and of those around them, and it is properly trained, on regular base, about the risks intrinsically contained in his activity.
- ❖ Management and supervisors are accountable for the health and safety of all persons on our worksites and yards. Seek an survey to achieve the personal commitment of all the employees, workers, consultant and subcontractors to healthy and safe workplace practices
- ❖ Every job can and must be done safely and with the proper time spend.
- ❖ Every job we plan to do, must be submitted to a proper risk analysis system and procedures, relevant to the nature and scale of the work undertaken.
- ❖ Periodically we revise our safety and environment care procedures in order to improve them and maintain their relevance, accordingly with our experience and with the current laws and regulations.
- ❖ At Proclea, each of us has a responsibility to comply with all laws and regulations applicable to our operators. Proclea is committed to making Environmental Protection as an integral part of the way we conduct our business and production of the goods we make.
- ❖ Our goal is to continuously improve our environmental performance. Each of us has the goal to minimize the impact of our operations on the environment through compliance with regulations, policies and practices and the pursuit of effective improvement opportunities
- ❖ No job is more important, no service is more urgent than maintaining a safe, healthy and environmentally responsible workplace, our own or the ones we build up. Please join us in making this commitment a daily priority.



ACTIVITIES

EPC: Engineering, Procurement, Construction

- Clean rooms (Electronic, Pharmaceutical, Mechatronic)
- Biotech facilities
- Process systems for pharmaceutical and biotech

EPCM: Engineering, Procurement assistance, Construction management

- Clean Rooms
- Pharmaceutical facilities and systems
- Biotech facilities and systems

QS: Qualification, Service, and Validation management

- Validation services and Clean rooms certification
- Equipment and systems qualification services
- Life cycle qualification maintenance



ENVIRONMENT & SAFETY

The care for the environment, other than the clean room one, is a main target for our projects.

Savings on energy consumption and use of consumables like water are a main point for the systems we design, both the precision HVAC system than the biotech process systems.

Environment care means also that our Customers, choosing Proclea, contributes in a valuable CO2 emission reduction during the whole project

Safety concerns are also on top of the priority list.

Often Proclea faces with processes self critical about the safety of the workers and the environment.

So, along the time, we developed a particular skilling to prevent, with the proper engineering choices, the risks.



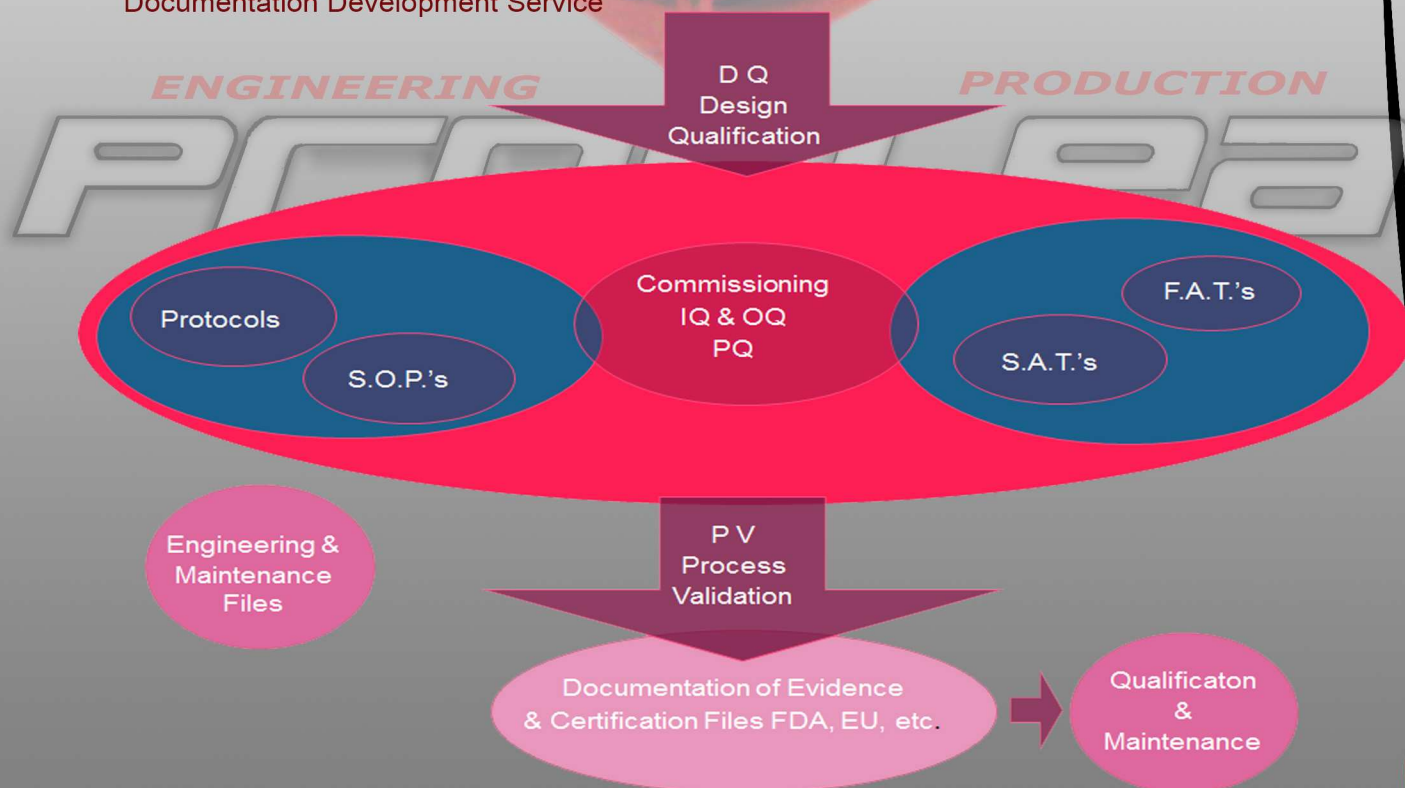


PROClea DOCUMENTS AND GOODS FLOW CHART (EPC)



REGULATORY COMPLIANCE FLOW CHART

- Several of our Customers need a documentation flow fully compliant with Orange Book or CFR.
- Proclea follows a quality plan to develop the full set of documents required
- Proclea is able to supply to our Customers a Documentation Development Service



PROCLEA PARTNERSHIPS



ALFASAXO® designs, manufactures, markets and installs raised die-cast aluminium floorings

PROCLEA SHAREHOLDINGS



Proclea Technologies provide overseas project development



Realization and prefabrication of: chemical, pharmaceutical and food stainless steel AISI 304 and 316L, PVC, PP-H and PP-natural, PVDF, and subsequent installation on construction sites.



Cleanroom installation and maintenance.

ENGINEERING PRODUCTION
PROClea

PROCLEA OWNED BRAND



Hydrogen peroxide sterilization technologies and equipment.



High Purified Water system , and distribution.



ISO6 Class cleanroom for biotech ultra low Humidity ratio HVAC (< 1 g / k g)



Clean steam and CF steam production system, and distribution



ISO6 Class cleanroom ,stainless steel wall, for powder mixing



Media Preparation plant for BIOTECH



ISO4 Class cleanroom for electronic and microelectronic



High quality system for biotech. Fermenters for aerobic and anaerobic harvesting



ISO6 Class cleanroom for electronic and microelectronic



Air Handling Unit for special application, AHU for low humidity ratio.



Hydrogen Peroxide sterilization system



H e a d q u a r t e r

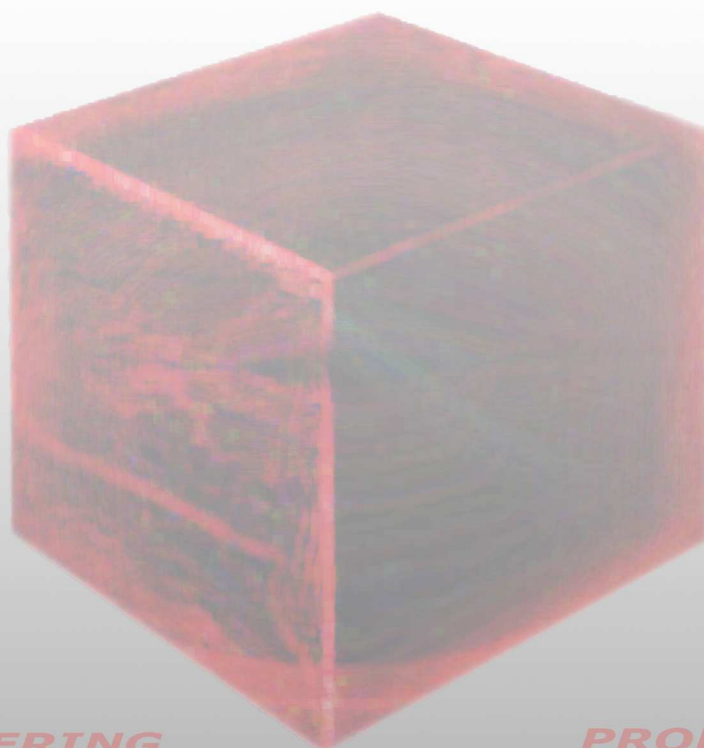
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