

Via Torino 1/L  
35035 Mestrino (PD), Italy  
Phone: +39 049 856 1275  
FAX: +39 049 872 8263  
info@idea45srl.com  
www.idea45srl.com



CAT.COMPANY.E.16.C



## ABOUT US

Idea 45 srl, founded in October 2012, is a dynamic company with solid roots which referred to the consulting and design activities, construction and implementation of electromechanical equipment for medium high and very high voltage.

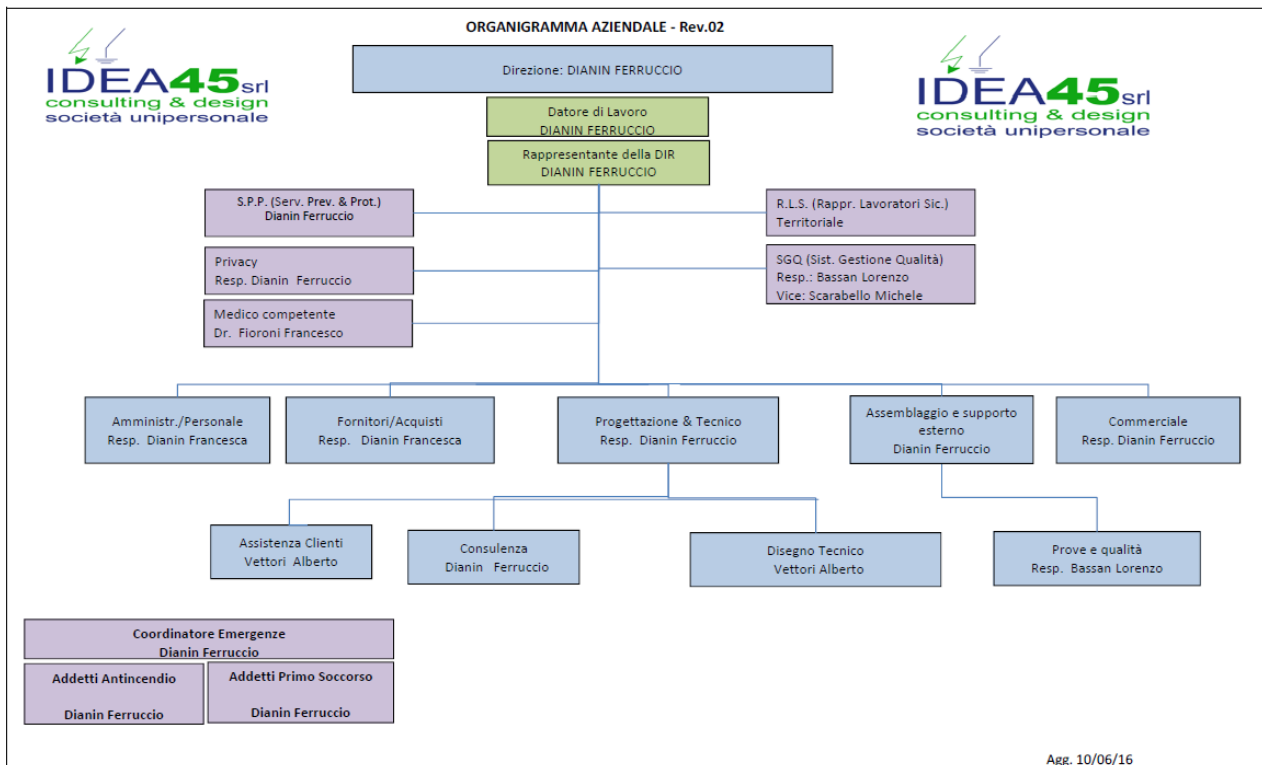
For the development of these activities Idea 45 srl is based on decades experience of technicians who have gained experience in the design, production, testing and quality control in primary electromechanical companies.

The staff is completed with technicians experts in design with modern 2D and 3D programs implemented by FEM analysis packages.

All processes are managed and controlled in accordance with the management system complies with ISO 9001.

Our company demonstrates its expertise not only in compliance with the requirements of the standard UNI EN ISO 9001, but continuing to seek innovative solutions to better meet customer needs.

## OUR STAFF



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## PERSONAL INFORMATION

Ferruccio Dianin

## WORK EXPERIENCE

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1968 ÷ 1976

### Technical Employee

Officine Elettromeccaniche Galileo

- Employee of HV laboratory of Officine Elettromeccaniche Galileo, Padua

1976 ÷ 1980

### Technical Manager

CEME

- Responsible of HV laboratory of CEME, Venice

1980 ÷ 2005

### Technical Director

CEME / Alstom

- Director of design and test for HV disconnector for world market.
- During this period have been patented 5 new solutions for disconnector at name of mine and other persons.
- Designed and tested the project "Compact Solution" that integrate the functions of Circuit Breaker, Disconnector, CT, Surge Arrester and Cable Bushing.
- Customisation of Circuit Breaker and GIS for Italian market

2005 ÷ 2010

### Vice President

Areva T&D

- Vice president of Areva T&D disconnectors product Line

2010 ÷ 2012

### Vice President

Alstom Grid

- Vice president of Alstom Grid China
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2012 ÷ Up to now

### Managing Director

Idea 45 srl

- Managing Director and owner of Idea 45 srl Consulting & Design

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## PERSONAL INFORMATION

Alberto Vettori

## WORK EXPERIENCE

September 2008  
September 2013

### Technical Designer

Studio ds s.r.l. Ponte di Piave (TV)

- Design for Alstom of Disconnector and Substation Connectors complete with 3D analysis, dimensioning of the details and BOM construction using Autocad and Solidworks.

September 2013  
Up to now

### Technical Designer

Idea45 s.r.l. Padova

- Development of Disconnector complete with 3D analysis, dimensioning of the details and BOM construction using Autocad, Solidworks and Pro-E.
- Customer Service
- Installation of disconnectors in the substation or in test field

## EDUCATION AND TRAINING

September 2003  
June 2008

### Building Surveyor

Istituto Tecnico per Geometri "Andrea Palladio"

- Topography
- Civil And Industrial Plant
- Building Technology
- Calculation of structures in steel wood and concrete

## PERSONAL SKILLS

### Computer skills

- good command of Microsoft Office tools
- good command of Autocad tools
- good command of Solidworks tools
- good command of Pro-E

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## PERSONAL INFORMATION

Lorenzo Bassan

## WORK EXPERIENCE

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1971 ÷ 1988

### Technical Employee

Magrini Galileo, Padua

- Technician in the R&D dept of Magrini Galileo
- Test Engineer in the Power Test Laboratory SVEPPI

1988 ÷ 2000

### Responsible of Quality Control and Test dept.

CEME, Venice

- Responsible of Quality Control and Test dept.
- Achieved the ISO 9001 certification and managed many homologations of Disconnectors

2000 ÷ 2011

### Responsible of Customer Service and Care dept.

Alstom, Venice

- Responsible of Customer Service and Care dept.
- Member of CEI (Italian Electro-technical Committee)

2012 ÷ 2013

### Consultant

Alstom, Venice

- Consultant for ISPELS certification, according to Italian law, of the apparatus insulated by pressure of gas (Circuit Breaker, GIS, etc.)

2013 ÷ Up to now

### Consultant

Idea 45 srl, Padua

- Responsible of Quality and tests dept .

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## OUR FACTORY



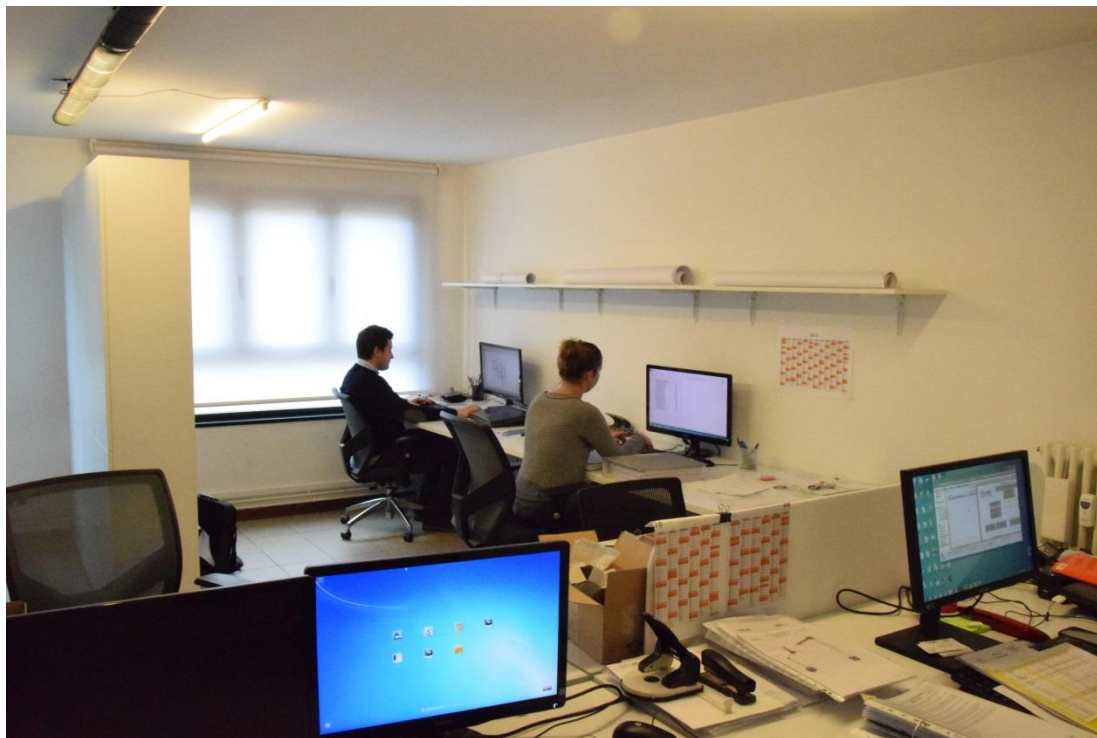


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## OUR OFFICE



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## OUR TEST PLANT



Mechanical test on earthing switch 245kV



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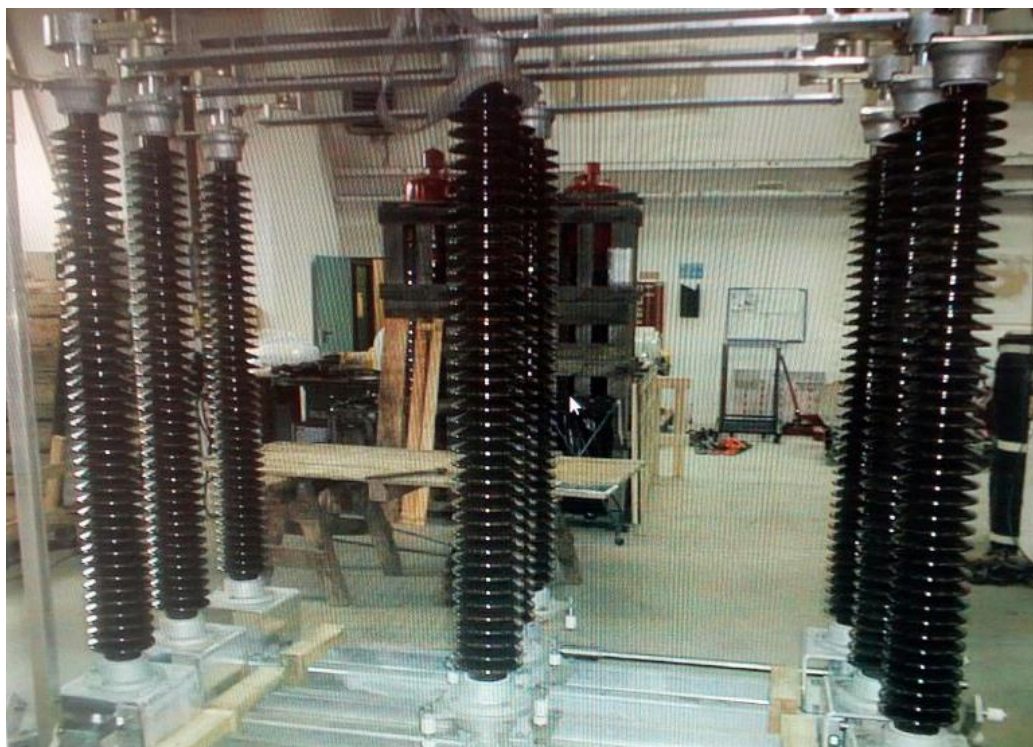


Test on motor operating mechanism

## OUR ASSEMBLY FACTORY



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## OUR WIRING FACILITY (OUR MOTOR OPERATING MECHANISM)



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## OUR ACTIVITIES

Since the date of foundation, in October 2012, till now Idea 45' staff was engaged using their own skills on design , production of prototype and perform type test on disconnectors up to 550kV and short circuits current up to 80kA.

From the middle of 2016 Idea 45 started with its own production of apparatus ( Disconnectors, Earthing switch, Motor and Manual operating mechanisms ) according to the catalogue .

## OUR REFERENCES

3kV DC Disconnectors for Railways

High voltage Disconnectors from 24 to 550 kV for current up to 4000A and short circuit up to 80kA

Earthing switch for DC plant valve hall 126-800kV 50kA

Disconnector for DC Yard 220-800kV 63kA

Manual and Motor Operating Mechanism

Consultant on design of medium, high and very high voltage disconnectors

Consultant for the areas of Organization, Production, Commercial and Quality.