# Ditta Edoardo Lossa S.p.A.

Founded in 1870

## COMPANY PROFILE

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## Company Profile

### Overview

Ditta Edoardo Lossa SpA, founded in 1870 and based in Cesano Boscone (Milan), is active as an EPC contractor in the plant engineering industry, offering a wide range of activities including design, supply, installation, testing, commissioning and maintenance of different types of systems.

The company operates through two divisions (HVAC Comfort Division and Industrial Division) in the field of air conditioning, heating, plumbing, electrical, firefighting and technological systems.
In addition to its traditional core capabilities, the company recently developed a significant expertise in applications for the oil & gas and power generation industries.

Ditta Edoardo Lossa is the parent company of the group, which comprises of two subsidiaries: EnergyFog Systems SAS and Tecmeco Srl.

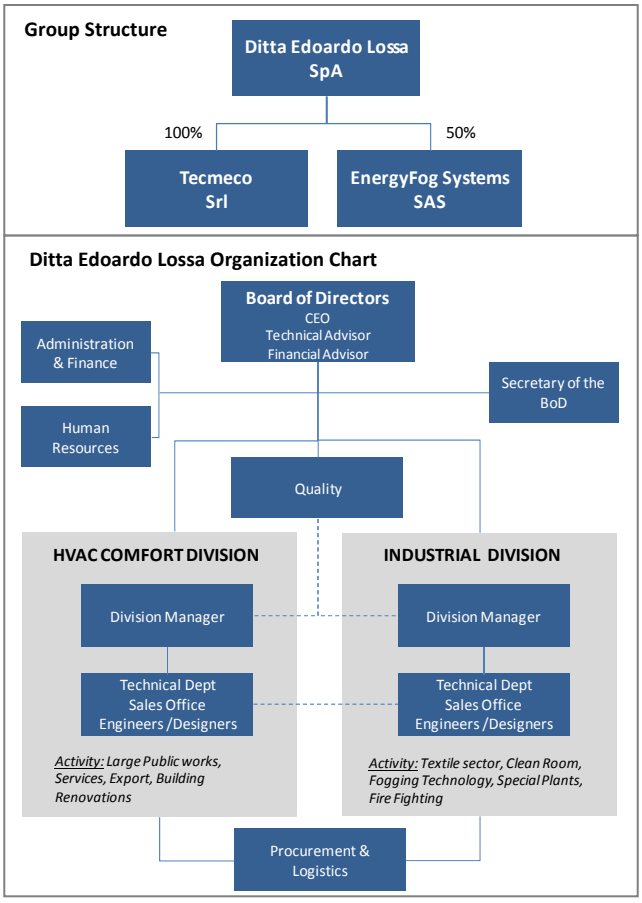
The company operates in Italy, the EU countries, North Africa, the Middle East and the Far East to supply "turn-key" systems for large-scale buildings, offices, hotels, hospitals, leisure centers, airports, sports facilities and for industrial purposes in different industries such as textile, beverage & food, electronics, pharmaceutical and optical fibers.

Thanks to the prominent track record developed in years of relationship with major Italian and international customers, Ditta Edoardo Lossa is recognized as one of the leading companies in its field in Italy.

The company operates exclusively on a contract basis and, leveraging on the outsourcing of some activities, is able to keep its organization light and agile. Following this philosophy, "turn-key" plants are designed in-house and carried out under project management, responsibility and supervision of Ditta Edoardo Lossa, with the cooperation of selected subcontractors being part of its qualified network.

Ditta Edoardo Lossa holds the highest levels of SOA certification, specifically in the OG11 (ranking VIII – unlimited class) and OG1 (ranking III) categories. Such certifications allow the company to take part and execute most of the large-scale public tenders in Italy.

Ditta Edoardo Lossa also holds the Qualification for Design and Execution up to the III classification and the ISO 9001:2000 Certificate of Quality Management System issued by CISQ/ICIM – IQNet validity up to 2014.




### Shareholders, structure and organization

Ditta Edoardo Lossa has been owned by the Antonini family since 1914. The parent company Ditta Edoardo Lossa owns a majority stake (100%) of Tecmeco Srl, a high-technology specialized workshop and 50% of EnergyFog Systems SAS, a French company specialized in air cooling systems (*Fogging*) for large-capacity gas turbines.

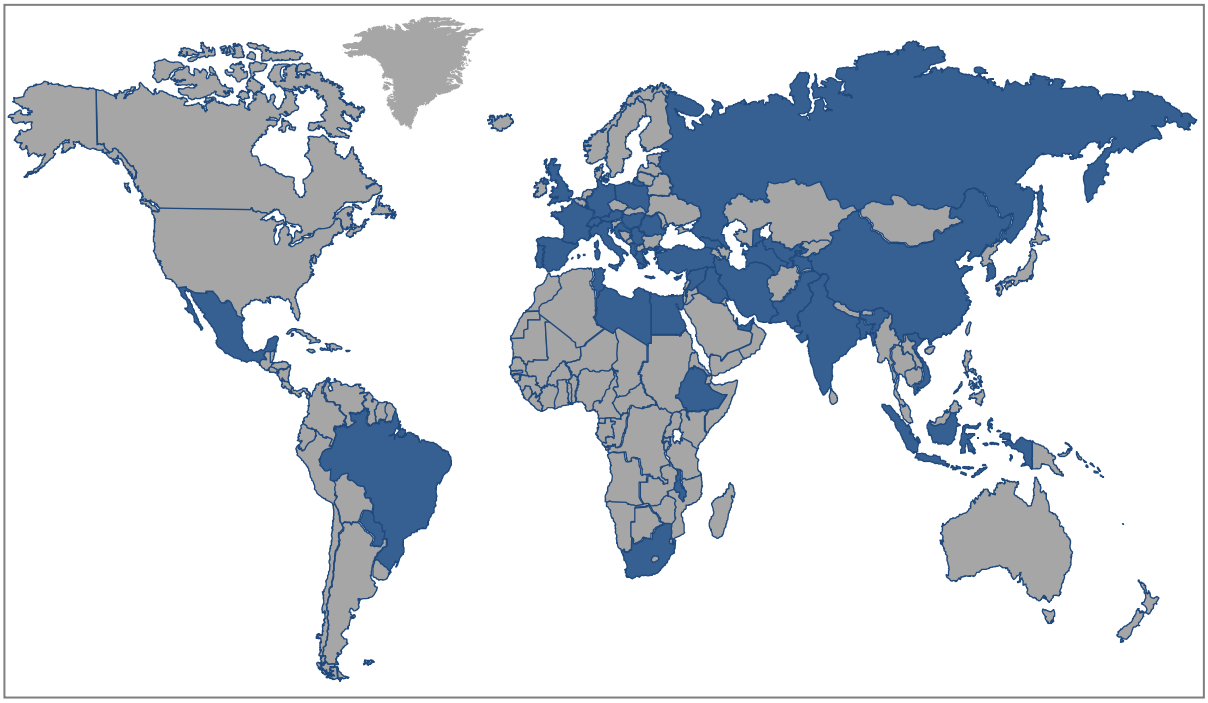
The parent company Ditta Edoardo Lossa is organized into two divisions (HVAC Comfort Division and Industrial Division) and employs 16 staff. Tecmeco and EnergyFog Systems, 5 and 2 employees respectively.

Ditta Edoardo Lossa can also rely on the continuous support of 3 skilled external consultants and on a permanent network of specialized service providers and external installation's workforce for a total of 50/60 units.

**History**

| | |
|---|---|
| **1870** | *Nicola Lossa estabilished Ditta Edoardo Lossa in Milan* |
| **1914** | *The Antonini family acquired 100% of Ditta Edoardo Lossa* |
| **1933** | *The company has been registered in the Chamber of Commerce of Milan* |
| **1966** | *Ditta Edoardo Lossa built its own workshop* |
| **1968** | *A representative office was opened in Rome* |
| **1972** | *The textile branch Lossatex was opened* |
| **1980** | *Construction of new offices in Cesano Boscone (Milan)* |
| **1990** | *Following the expansion of the business the company created new subsidiaries and divisions: Lossatech and Tecmeco* |
| **2005** | *EnergyFog Systems SAS, specialized in the Fogging technology, was estabilished in Paris* |
| **2010** | *Ditta Edoardo Lossa refocused its operations into two divisions (HVAC Comfort Division and Industrial Division)* |

**International projects executed**



**Assets and facilities**

The Ditta Edoardo Lossa headquarters is located in Cesano Boscone, a municipality adjacent to the city of Milan, towards the south-west.

The complex - property of a family owned company not part of Ditta Edoardo Lossa – is positioned on a land area of 7,653 sqm and consists of a regularly shaped warehouse of 1,474 sqm and an offices building of 2,364 sqm composed by three floors above ground and a basement, located in front of the warehouse.

The area has a residual building land of approximately 1,400 sqm on the ground, as well as large areas suitable for handling vehicles and goods.

The convenient location makes the property easily accessible both from Milan and from the hinterland.


Ditta Edoardo Lossa, moreover, has an office in Rome since 1968 of approximately 150 sqm located in the central and prestigious Panama Street.

## Companies of the Group

**1.Ditta Edoardo Lossa SpA**

The company has offices in both Milan and Rome and operates through two divisions (HVAC Comfort Division and Industrial Division) in the fields of air conditioning, heating, plumbing, electrical, firefighting and technological systems.

**HVAC Comfort Division**

The HVAC Comfort Division carries out the historic core business of the company, providing advanced technological engineering plants for HVAC systems (Heating, Ventilation and Air Conditioning) and MEP systems (Mechanical, Electrical and Plumbing).

The division, leveraging on the well established brand Ditta Edoardo Lossa is specialized in the design, construction and installation of different types of plants for the private and public civil field in Italy and abroad.

The range of business of the division includes:

- Air conditioning systems
- Heating systems
- Thermo-ventilation and cooling systems
- Refrigeration plant rooms and systems
- Heat recovery and distribution systems
- Automatic control systems
- Building Management systems
- Electrical systems
- Central boiler plant rooms and district heating systems
- Plumbing, sanitary, sewage systems and water treatment plants
- Fire protection systems
- Ventilation systems for tunnels

The HVAC Comfort Division solutions are generally suited for large-scale buildings in the following fields:

- Service industry: banks and corporate headquarters, Electronic Data Processing rooms, shopping malls
- Hospitality and leisure industry: hotels, resorts, sports and entertainment amenities, thermal centers
- Healthcare industry: hospitals, clinics and nursing homes
- Private buildings: refurbishment of existing residential buildings
- Infrastructure: subways, road tunnels, ports and airports
- Office buildings of all dimensions






**Industrial Division**

The Industrial division of Ditta Edoardo Lossa developed an important know-how in highly technological special applications for specific industrial fields such as (1) industrial indoor air quality and processing control systems, (2) air engineering systems for the textile industry and (3) air cooling systems for power generation plants.

The division is focused on three different business areas:

A. Cleanroom Technology
B. Textile Air Engineering
C. Fogging Technology for oil & gas and power generation plants

## A. Cleanroom Technology

Ditta Edoardo Lossa is specialized in the design, supply and erection of HVAC systems and highly sophisticated industrial engineering plants for the air treatment in controlled contamination environments and *Cleanrooms*.

The division operates through the brand **Lossatech** and is specialized in the following industries: Pharmaceutical, Hospitals, Clinics, Biotechnologies, Food, Bottling, Electronics and Museum conservation.

The quality of *Cleanroom* technology developed by Ditta Edoardo Lossa has been proven from many years of successful activity in the industrial fields and a strong know-how in ensuring low levels of dust, airborne microbes, aerosol particles and chemical vapors in controlled contamination environments.

***Description of the technology***

Ditta Edoardo Lossa developed an advanced technology for *Cleanrooms* and contamination controlled environments.

The technology consists of the construction of highly sophisticated industrial indoor air quality control systems with the aim of creating an environment in which the parameters of the air can be controlled in terms of pressure, humidity, temperature and air filtration.
By creating and maintaining conditions of overpressure inside the *Cleanrooms* and by using increasing stages of filtration, it is possible to achieve a better air quality and a reduced risk of contamination.

The system is normally supplied on a “turn-key” and the services provided consist of:

- Mechanical, electrical, control design
- Supply of the equipment
- On-site installation
- Project management
- Commissioning, testing and validation under ISO 14644 Standard

All the systems can be installed in new plants or as retrofit for existing plants.

Lossatech




**B. Textile Air Engineering**

With more than 30 years of experience in air treatment for the textile industry, Ditta Edoardo Lossa, through its brand **Lossatex**, is also specialized in the design and construction of technological plants and systems necessary to achieving the highest air quality standards in the textile production process.

Thanks to its proprietary know-how and the patented AWIT technology, the textile division is able to solve all environmental issues related to the textile process such as dust elimination, air filtration, noise control, waste recovery, etc.

**Lossatex**'s quality of products and services provided is guaranteed by hundreds of systems carried out worldwide for important Italian and international textile factories.

The range of business of the division includes:

- Air conditioning and humidification systems
- Air filtration systems complying with OSHA standards (Occupational Safety and Health Administration Standards)
- Waste collection and fiber recovery plants
- Packing and briquetting systems
- Vacuum cleaning systems
- Fire fighting systems
- Refrigerating plants and systems
- Yarn moisture regain chambers
- Automatic control systems
- Remote control systems
- After sales services
- Original spare parts supply
- Check-up and preventive maintenance services

***Description of the technology***

The technology developed by **Lossatex** increases the efficiency of process machines and allows:

- To keep the thermo hygrometric conditions inside the process department within minimum allowances in order to guarantee the perfect running of the textile machines
- To guarantee constant and suitable working conditions of the textile machinery through the technological air treatment
- To remove and collect the waste from production machines through specialized equipment that allows the functional recovery or storage of fibers, dust and waste in general
- Cleanliness of machines and floors from dust and fibers
- Reliable running and easy maintenance to be carried out once a year
- Easy and simple installation In the respect of the exixting buildings

The AWIT technology is reliable and can be applied to different industries such as:

- Tobacco industry
- Paper industry
- Small gas turbines

Lossatex




**C. Fogging Technology for the oil & gas and power generation plants**

Ditta Edoardo Lossa expertise in *Cleanrooms* and in the air treatment for hi-tech textile industry enabled the company to develop a new technology in the field of air cooling of gas turbine power plants.

The technology, called *Fogging* and patented in 2004, is developed by Ditta Edoardo Lossa and commercialized with the brand **EnergyFog** by the French subsidiary EnergyFog Systems SAS.

***Description of the technology***

*Fogging* is performed by the injection, in the gas turbine air intake, of high-pressure water whose adiabatic quick evaporation causes a decrease of the air temperature, increasing the air mass flow and the gas turbine power output.
Installation of *Fogging* in gas turbines allows the recovery of a substantial part of the rated output of the gas turbine, in order to compensate the important loss of power due to the increase of ambient air temperature.

Ditta Edoardo Lossa is able to design, procure, manufacture and install *Fogging* systems in any type and size of gas turbine, either during the power station construction or as a back fitting of an operating station for IPP, EPC, OEM and final customers.

The EnergyFog worldwide patented system design includes a nozzle producing optimum droplet size at an operating pressure of 70 - 140 bar. This lower atomizing pressure in comparison with the market standard, results in:

- Longer life of components
- Low auxiliary load consumption
- Improved operational control
- Reduced maintenance cost

Ditta Edoardo Lossa's activity for the *Fogging* technology flows through:

- Design and Engineering phase in compliance with client requirements and in coordination with the turbine and intake manufacturers
- Procurement and Manufacturing of all components, intake nozzle array and pump skid
- Transport on site and Erection by its own staff or by client's subcontractors under its experts supervision
- Testing & Commissioning of the system
- After Sale Service consisting of a simple program of Operating & Maintenance activity (by contract or by request) as well as the full spare parts availability

Ditta Edoardo Lossa has long term and ongoing research and development programs and nozzle performance certification in cooperation with Politecnico Milano. *Fogging* products are manufactured to ISO quality standards.

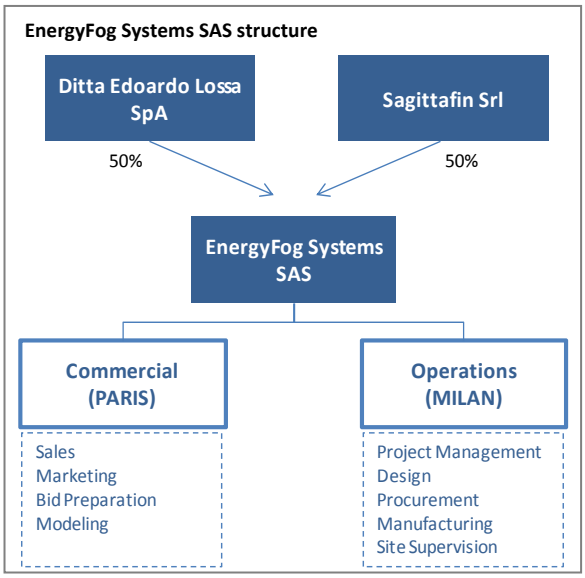





## 2. EnergyFog Systems SAS

EnergyFog Systems SAS, located in Paris, was established in 2005 as a subsidiary of Ditta Edoardo Lossa in order to commercialize *Fogging* systems for large-capacity gas turbines developed by the parent company. EnergyFog Systems' main commercial activities consist in marketing and sales activities, bid preparation and modeling.

EnergyFog Systems is currently owned by Ditta Edoardo Lossa SpA (50%) and Sagittafin Srl (50%), a Milan based financial advisor. Consequently, the company combines the technical experience of Ditta Edoardo Lossa in *Fogging* technology with the global reach and the commercial and financial skills of Sagittafin to provide gas turbine users with state-of-the-art *Fogging* systems for enhanced turbine output and reduced emissions.




EnergyFog Systems executed so far almost 30 installations in Italy and abroad (mainly UAE, Turkey, Russia, Spain and Iran) of which 55% are retrofit and 45% are new units.


## 3. Tecmeco Srl

Ditta Edoardo Lossa also owns 100% of Tecmeco Srl, a high technology specialized workshop able to manufacture and assemble special parts and components for the Industrial Division (Cleanroom, Textile, EnergyFog Systems).

Tecmeco Srl develops and produces original basic components with high quality, speed and competitiveness exclusively for Ditta Edoardo Lossa and EnergyFog Systems SAS using up to date equipment: shears, cutters, CNC punching machines, press brakes, TIG/MIG welders and miter saws.

# Reference lists

## HVAC Division Reference list

| Client | Project | Typology | City | Country | Dimension (in €) | Execution period |
|---|---|---|---|---|---|---|
| COMUNE DI VENEZIA | Refurbishment of "Manifattura Tabacchi Facilities" for Venice Regional Judiciary Offices - Technological systems | Public work | Venice | Italy | 6.380.000 | in progress |
| PIAZZA CASTELLO 29 | Building Renovation in historical complex - Technological systems | Private work | Milan | Italy | 2.680.000 | in progress |
| POLICLINICO UNIVERSITA' DI CATANIA | New University Buildings - Auxiliary and electrical systems | Public work | Catania | Italy | 4.580.000 | in progress |
| GABBA 1 + 2 | Luxury residence in Milan - HVAC, Electrical and plumbing | Private work | Milan | Italy | 1.955.000 | 2008/2010 |
| MINISTERO DELLA GIUSTIZIA | New Prison in Brescia - Mechanical and electrical auxiliary systems | Public work | Brescia | Italy | 1.760.000 | 2008/2009 |
| A.S.L. NA/I NAPOLI | "S. Gennaro" Hospital - HVAC, plumbing, fire fighting and medical gas systems | Clinical/Hospital Buildings | Naples | Italy | 860.000 | 2008/2010 |
| COMUNE DI VARESE | Villa Mirabello – Refurbishment, electrical and control systems | Public work | Varese | Italy | 500.000 | 2008/2009 |
| AEM ELETTRICITA' S.P.A. | Substation electromechanical auxiliary systems | Utility | Milan | Italy | 352.000 | 2008/2009 |
| AGENZIA TORINO 2006 | XX Olympic Games Turin 2006 - Palahockey 1 – Electromechanical auxiliary systems | Public structures | Turin | Italy | 8.750.000 | 2005/2006 |
| INVATEC S.R.L. | Electromechanical systems of Invatec's New Productive Center of Medical Equipment in Torbole Casaglia (BS) | Industry / Biomedical | Brescia | Italy | 2.950.000 | 2005 |
| LAMARO APPALTI S.P.A | Hotel "Capo d'Africa" - HVAC, plumbing and fire fighting systems | Infrastructures | Rome | Italy | 680.000 | 2005 |
| ASSIMPREDIL | Refurbishment of Assimpredil's Head Office in Milan – Electromechanical and auxiliary systems | Infrastructures | Milan | Italy | 500.000 | 2005 |
| BRACCO S.P.A. | Head Office Building – Electromechanical and auxiliary systems | Residential | Milan | Italy | 500.000 | 2005 |
| LAMARO APPALTI S.P.A. | "Ponte Galeria", Services Center - HVAC, plumbing and fire fighting systems | Commercial shopping center | Rome | Italy | 4.150.000 | 2004 |
| LAMARO APPALTI S.P.A. | "Colonna Gallery" - Technological systems | Commercial shopping center | Rome | Italy | 1.760.000 | 2004 |
| SECAMI S.P.A. | Building in Milan, Trivulzio Street - Technological, mechanical, electrical systems and civil works | Residential | Milan | Italy | 1.110.000 | 2003/2004 |
| FONTANA ARTE S.P.A. | New Head Office in Corsico (MI) - HVAC and auxiliary systems | Industry | Corsico (Milan) | Italy | 360.000 | 2003/2004 |
| MANUTENZIONI & IMPIANTI S.R.L. | "La Rinascente" Store - HVAC and auxiliary systems | Commercial shopping center | Genoa | Italy | 445.000 | 2002/2003 |
| MELIORBANCA HEADQUARTERS | New Bank Head Office, Borromei Street for Minotti Costruzioni SpA - Technological systems | Infrastructures | Milan | Italy | 1.510.000 | 2001/2002 |
| MAZZALVERI & COMELLI S.P.A. | Blocks B2-B3-B4 in Legnano (MI) - HVAC, plumbing, fire fighting, electrical and sewer systems | Residential | Legnano (Milan) | Italy | 640.000 | 2001/2002 |
| SAIM SPA | New building and facility shed ZF in Buccinasco (MI) - HVAC and auxiliary systems | Industry | Buccinasco (Milan) | Italy | 398.000 | 2001/2002 |
| MIRABELLA S.P.A. | Village Forum, U.S. Navy Support Site in Aversa (NA)- HVAC, plumbing and fire fighting systems, sprinkler | Residential | Gricignano d'Aversa (Naples) | Italy | 1.960.000 | 2000/2003 |
| LAVORI LINGOTTO S.C. A R.L. | Polifunctional Center Lingotto - HAVC, plumbing, fire fighting, sprinkler and electrical systems | Service sector | Turin | Italy | 2.660.000 | 2000/2002 |
| ISTITUTO NAZIONALE DEI TUMORI | Block 1 – E.P.C. Contract of Civil works, HVAC, electrical and fire fighting systems | Clinical/Hospital infrastructures | Milan | Italy | 735.000 | 2000/2002 |
| ALCATEL ITALIA S.P.A. | Infostrada Center, Milan - HVAC system | Public service | Milan | Italy | 417.500 | 2000 |
| E.A. FIERA INTERNAZIONALE DI MILANO | Block 1 ML - HVAC system | Public service | Milan | Italy | 408.400 | 2000 |
| DIGIPLEX | Building in Milan, Scarsellini Street - HVAC, fire fighting, plumbing and sewer systems | Private work | Milan | Italy | 354.000 | 2000 |
| AZIENDA OSPEDALIERA "MORELLI" | Block VI° - Civil works, HVAC, plumbing, electrical, fire fighting and medical gas systems | Clinical/Hospital infrastructures | Sondalo | Italy | 2.678.000 | 1999/2002 |

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|---|---|---|---|---|---|---|
| UNIONCAMERE LOMBARDIA | Headquarter in Milan, Oldofredi Street - HVAC and plumbing systems | Public service | Milan | Italy | 658.000 | 1999/2001 |
| COOPERATIVA "B. CELLINI" S.R.L. | Hospital in Gallarate, Block "Trotti Maino" - HVAC, plumbing, fire fighting systems and medical gas | Clinical/Hospital infrastructures | Gallarate | Italy | 426.495 | 1999/2001 |
| ZEFFIRO S.C.R.L. | Fiumicino National air terminal - Electromechanical system, and power plants auxiliary systems | Infrastructures | Rome | Italy | 2.774.000 | 1999/2000 |

## EnergyFog Reference List

| Country | Plant name | Client | Plant owner | GT model | GT output (ISO) | Type of installation | Execution period |
|---|---|---|---|---|---|---|---|
| **GENERAL ELECTRIC - G9E** | | | | | | | |
| Dubai | Jebel Ali | The Kanoo Group | Dewa | GE 9E | 111.5 MW | Retrofit | 2009 |
| Dubai | Jebel Ali | The Kanoo Group | Dewa | GE 9E | 111.5 MW | Retrofit | 2009 |
| Abu Dhabi | Taweelah B | Babcock Borsig Services | TAPCO | GE 9E | 120 MW | Retrofit | 2006 |
| Abu Dhabi | Taweelah B | Babcock Borsig Services | TAPCO | GE 9E | 120 MW | Retrofit | 2006 |
| **ANSALDO - V94.2** | | | | | | | |
| Iran | Kerman | E-man Serve | Krec | V94.2 | 156 MW | Retrofit | 2009 |
| Iran | Kerman | E-man Serve | Krec | V94.2 | 156 MW | Retrofit | 2009 |
| **ANSALDO - V94.3 (A2-A4)** | | | | | | | |
| Russia | Sredneuralskaya | Ansaldo Energia | Enel | V94.3A4 | 279 MW | New Unit | 2013 |
| Turkey | Gebze | Ansaldo Energia | Yeni Elektrik | V94.3A4 | 280 MW | New Unit | 2012 |
| Turkey | Gebze | Ansaldo Energia | Yeni Elektrik | V94.3A4 | 280 MW | New Unit | 2012 |
| Italy | Ferrara | Ansaldo Energia | EniPower | V94.3A2 | 260 MW | Retrofit | 2011 |
| Italy | Ravenna | Ansaldo Energia | EniPower | V94.3A2 | 260 MW | Retrofit | 2011 |
| Italy | Ravenna | Ansaldo Energia | EniPower | V94.3A2 | 260 MW | Retrofit | 2011 |
| Greece | Livadia 1 | Ansaldo Energia | Enel | V94.3A4 | 279 MW | New Unit | 2010 |
| Italy | Ferrera Erbognone | Ansaldo Energia | EniPower | V94.3A2 | 260 MW | Retrofit | 2010 |
| Italy | Mantova | Ansaldo Energia | EniPower | V94.3A2 | 260 MW | Retrofit | 2010 |
| Italy | Mantova | Ansaldo Energia | EniPower | V94.3A2 | 260 MW | Retrofit | 2010 |
| Italy | Ferrara | Ansaldo Energia | EniPower | V94.3A2 | 260 MW | Retrofit | 2010 |
| Spain | Algeciras | Ansaldo Energia | Enel-Viesgo | V94.3A4 | 279 MW | New unit | 2008 |
| Spain | Algeciras | Ansaldo Energia | Enel-Viesgo | V94.3A4 | 279 MW | New unit | 2008 |
| Italy | Vado Ligure | Ansaldo Energia | Tirreno Power | V94.3A2 | 260 MW | New unit | 2007 |
| Italy | Vado Ligure | Ansaldo Energia | Tirreno Power | V94.3A2 | 260 MW | New unit | 2007 |
| Spain | Escatron | Ansaldo Energia | Enel-Viesgo | V94.3A4 | 279 MW | New unit | 2007 |
| Spain | Escatron | Ansaldo Energia | Enel-Viesgo | V94.3A4 | 279 MW | New unit | 2007 |
| Italy | Ferrera Erbognone | Ansaldo Energia | EniPower | V94.3A2 | 260 MW | Retrofit | 2006 |
| **HITACHI - PG5361** | | | | | | | |
| Iran | Zahedan | E-man Serve | S&Brec | PG5361 | 25 MW | Retrofit | 2009 |
| Iran | Zahedan | E-man Serve | S&Brec | PG5361 | 25 MW | Retrofit | 2009 |
| Iran | Zahedan | E-man Serve | S&Brec | PG5361 | 25 MW | Retrofit | 2009 |

## Industrial Textile Division Reference List

Lossatex

* *The following selection of references is limited to contracts over € 100.000 and to the last 10 years*

| Client | Project | Typology | City | Country | Dimension (Airflow mc/h) | Dimension (in €) | Execution period |
|---|---|---|---|---|---|---|---|
| AIRPLUS INDUSTRIAL LTD (SAPPHRE #5) | Humidification system for blowing, carding and winding department | Spinning | Karachi | Pakistan | 570.160 | 203.000 | 2007 |
| SHIN-HAN SPINNING CO. LTD. | Automatic humidification system | Spinning | Seoul | Korea | 1.305.000 | 680.000 | 2007 |
| DESTINATION SYSTEMS GMBH | Humidification system for weaving department of Spinning & Weaving Corp. | Weaving | Damascus | Syria | 992.000 | 627.000 | 2006/2007 |
| ALBANY INTERNATIONAL FRANCE | Modification of the existing air conditioning system for weaving department | Weaving | Selestat Cedex | France | 130.000 | 150.000 | 2006 |
| ILSHIN SPINNING CO. LTD. | Automatic humidification and centralized dust and waste removal system | Spinning | Seoul | Korea | 2.501.860 | 825.000 | 2006 |
| AIRPLUS (QUETTA TEXTILE) | Humidifying system spinning extension | Spinning | Karachi | Pakistan | 450.000 | 290.000 | 2005 |
| AIRPLUS INDUSTRIAL LTD (AMER COTTON) | Humidification and dust and waste removal system for Spinning, Carding, Blowing, Backprocess | Spinning | Karachi | Pakistan | 1.365.000 | 500.000 | 2005 |
| AIRPLUS INDUSTRIAL LTD (NISHAT MILLS) | Humidification system Weaving and Warping extension | Weaving | Karachi | Pakistan | 232.000 | 145.000 | 2005 |
| FMMG TECHNICAL TEXTILES (SUZHOU) CO.LTD. | Humidification system for spinning mill in China. Centralized dust and waste removal system for blowing and carding | Spinning | Suzhou | China | 1.200.000 | 1.050.000 | 2005 |
| TEXGIULIA S.P.A. | Air conditioning system for O.E. Spinning department | Spinning | Gorizia | Italy | 55.000 | 100.000 | 2005 |
| TURATI IDROFILO | Humidification and centralized fibres removal systems | Spinning | Luserna S.Giovanni | Italy | 135.000 | 190.000 | 2005 |
| AIRPLUS INDUSTRIAL LTD (GULISTAN 4) | Air conditioning system extension for spinning department | Spinning | Karachi | Pakistan | 400.000 | 130.000 | 2004 |
| AIRPLUS INDUSTRIAL LTD (SAPPHIRE TEXTILE MILLS) | Humidification system for Ringspinning department | Spinning | Lahore | Pakistan | 600.000 | 108.000 | 2004 |
| DONG-IL CORPORATION | Humidification system for spinning mill | Spinning | Seoul | Korea | 320.000 | 176.000 | 2004 |
| MOHAMMED ABOU RSHEED | Air conditioning system for Spinning department | Spinning | Damascus | Syria | 500.000 | 230.000 | 2004 |
| SIATEX INTERNATIONAL | Humidifying and ventilation system for weaving department | Weaving | Addis Abeba | Ethiopia | 135.000 | 140.000 | 2004 |
| TESSITURA DEL SALENTO | Humidification system for the new weaving mill | Weaving | Melpignano (Lecce) | Italy | 660.000 | 610.000 | 2004 |
| UNION INDUSTRIES SPA | Air humidification systems for Nonwoens departments | Spinning | Masserano (BI) | Italy | 230.000 | 186.240 | 2004 |
| AIRPLUS INDUSTRIAL LTD (NISHAT MILLS LTD) | Air condiioning system for weaving department and humidification system for warping | Weaving | Lahore | Pakistan | 666.000 | 220.000 | 2003 |
| AIRPLUS INDUSTRIAL LTD (SAPPHIRE #3) | Humidification system and Pneumafil suction system for spinning department | Spinning | Karachi | Pakistan | 350.000 | 158.500 | 2003 |
| AIRPLUS INDUSTRIAL LTD (TRITEX) | Humidification system for spinning department | Spinning | Karachi | Pakistan | 855.000 | 286.000 | 2003 |
| FILATURE TUNISIE FIL | Air conditioning and fibre separation system fir spinnign department | Spinning | Teboulba | Tunisia | 200.000 | 200.000 | 2003 |
| GEMONA MANIFATTURE SPA | Interventions on the air conditioning systems and on the centralized dust and waste removal system for Blowing, Carding, Preparation, Spinning Rings, Spinning O.E. and Winding departments | Spinning | Gemona (Udine) | Italy | 785.000 | 190.000 | 2003 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MAN RISS CO. | Humidification system for spiniing Mill | Spinning | Teheran | Iran | 850.000 | 515.000 | 2003 |
| RATTI | Air conditioning system for the new silk weaving department and restructuring of the air conditioning system for linen/cotton weaving department | Weaving | Malnate | Italy | 240.000 | 210.000 | 2003 |
| SPONGITEX | Air conditioning system for weaving department | Weaving | Bouhjar | Tunisia | 270.000 | 120.000 | 2003 |
| AIRPLUS INDUSTRIAL LTD (S.M.TRADERS LTD) | Humidification system for weaving department | Weaving | Karachi | Pakistan | 268.700 | 104.000 | 2002 |
| AIRPLUS INDUSTRIAL LTD (YOUSUF TEXTILE) | Humidification systems for spinning departments I and II | Weaving | Karachi | Pakistan | 400.000 | 182.760 | 2002 |
| AQUAORO | Humidification system for Hamel Twisters and entangling departments | Spinning | Oroslavje | Croatia | 180.000 | 106.000 | 2002 |
| D.T.I. (DIFFUTEX) | Air conditioning system for weaving department | Weaving | Ksar-Hellal | Tunisia | 140.000 | 120.434 | 2002 |
| MANAMA TEXTILE MILLS W.L.L. | Air conditioning system for spinning department - Dust and waste removal system for Blowing, Carding, Combing and Spinning departments | Spinning | Manama | Bahrain | 370.000 | 360.003 | 2002 |
| MANIFATTURA CRESPI DI NEMBRO | Air conditioning system for winding department - Supply of a yarn moisture regain chamber | Spinning | Nembro | Italy | 125.000 | 117.000 | 2002 |
| TESSITURA SERICA PAPIS | Humidification system for weaving and warping departments | Weaving | Uggiate Trevano | Italy | 170.000 | 123.000 | 2002 |
| TIRSO | Modification of the existing air conditioning stations for experimental f department | Spinning | Muggia Trieste | Italy | 380.000 | 114.654 | 2002 |
| AHMAD HASSAN TEXTILE MILLS LTD | Air conditioning and filtration system for warping department | Spinning | Multan | Pakistan | 210.000 | 231.000 | 2001 |
| AIRPLUS INDUSTRIAL LTD (MANAMA SPINNING MILLS LTD) | Air conditioning, dust and waste removal system for blowing and carding departments | Spinning | Manama | Bahrain | 219.000 | 150.000 | 2001 |
| AIRPLUS INDUSTRIAL LTD (YOUSUF WEAVING) | Complete air conditioning and refrigeration system for weaving department | Weaving | Karachi | Pakistan | 240.000 | 191.683 | 2001 |
| FILATURA CARDATA BIELLESE | Air conditioning, dust and waste removal and filtration system for carding and O.E. spinning departments | Spinning | Ponderano (Biella) | Italy | 220.000 | 361.520 | 2001 |
| GULISTAN SPINNING MILLS LIMITED | Humidification - dust and waste removal system for blowing and carding departments | Spinning | Karachi | Pakistan | 110.000 | 209.550 | 2001 |
| GULSHAN SPINNING MILLS LIMITED | Humidification - dust and waste removal system for blowing and carding departments | Spinning | Karachi | Pakistan | 110.000 | 140.380 | 2001 |
| JOSE' FUSTER (ALGINET TEXTILE) | Air conditioning system for weaving department no.1 and no.2 | Weaving | Valencia | Spain | 380.000 | 117.725 | 2001 |
| JOSE' FUSTER S.A. (PEINAJE DEL RIO LLOBREGAT) | Air conditioning system for carding department | Spinning | Sant Fruitos De Bages | Spain | 300.000 | 144.608 | 2001 |

## Industrial Cleanroom Division Reference List

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** The following selection of references is limited to contracts over € 100.000 and to the last 10 years*

| Client | Project | Typology | City | Country | Dimension (in €) | Execution period |
|---|---|---|---|---|---|---|
| GRUPPO SIDEL | Contamination Control systems for bottling processes in food factories worldwide | Industry | Worldwide | Italy, France, Germany, Russia, Brasil, South Africa, Argentina | > 2.000.000 | In progress |
| EDISON | Forced ventilation system for Nitrogenous Central (Centrale Azotati) | Utility | Marghera (GE) | Italy | 407.000 | 2010 |
| ME Museum Engineering | Air conditioning system for the museum | Public works | Cairo | Egypt | 400.000 | 2009/2010 |
| TRD | Air conditioning system for the church "Chiesa Sospesa Copta" | Public works | Cairo | Egypt | 389.000 | 2009/2010 |
| INVATEC SRL | Clean Rooms for the R&D department | Mechanical | Brescia | Italy | 1.200.000 | 2004 |
| PIRELLI CAVI E SISTEMI S.P.A. | HVAC plants for clean room class ISO 7-8 – Bicocca | Electronic | Milano | Italy | 2.653.000 | 2001/2002 |
| PIRELLI SUBMARINE TELECOM SYSTEMS ITALIA S.P.A. | Clean Room for optical fibres class ISO 7-8 - Paderno Dugnano | Industry | Paderno Dugnano (MI) | Italy | 1.182.000 | 2001/2002 |
| CHEMI Spa | HVCA and Technological systems for clean rooms | Clinical / Hospital | Cinisello Balsamo (MI) | Italy | 320.790 | 2000/2001 |
| SKF Spa | Contamination Control systems for aerospace bearing | Mechanical | Villar Perosa (TO) | Italy | 153.174 | 2000/2001 |
| TECNIMONT | HVCA and Technological systems and clean rooms for the new factory in Donjia | Clinical / Hospital | Donjia | China | 991.597 | 1999 |
| SIMES ZAMBON S.P.A | Contamination Control systems for pharmaceutical research laboratories | Clinical / Hospital | Bresso (MI) | Italy | 1.008.000 | 1989 |

## Service Reference List

Lossa Service

| Client | Project | Typology | City | Country | Dimension (in €) | Execution period |
|---|---|---|---|---|---|---|
| BNL - BNP PARIBAS GROUP | Frame Agreement for the renovation of agencies (civil, mechanical and electrical systems) | Bank Sector | Lombardia Lazio Campania Regions | Italy | 1.655.000 | 2008/2010 |
| CASSINA PLAZA MILAN 1-2-3-4 | Conversion of the central heating plants from oil to gas | Residential sector | Cassina de Pecchi (MI) | Italy | 655.000 | 2008/2009 |
| INVATEC | Operating & Maintenance of the factory complex | Industrial sector | Roncadelle | Italy | 150.000 | 2008/2009 |
| LOCAT – UNICREDIT | Renovation of Headquarter & Agencies in Rome, Naples, Avellino, Bergamo, Latina | Bank Sector | Lombardia-Lazio-Campania Regions | Italy | 511.000 | 2001/2009 |
| FIRST ATLANTIC | Total Building - Operating & Maintenance of the technological systems: HVAC, Electrical, Fire Fighting, Safety, TVCC, UPS. | Office Building Sector | Milano | Italy | 353.000 | 2008 |

## Credits


IQNet
THE INTERNATIONAL CERTIFICATION NETWORK
CERTIFICATE
CISQ/ICIM
hereby certify that the organization
DITTA EDOARDO LOSSA S.p.A.
Via Panama, 87 - I-00198 Roma (RM)
for the following field of activities
Design, construction, installation, running and maintenance of conditioning, ventilating, plumbing, fire-fighting and electric (also with innovative technologies).
has implemented and maintains a
Quality Management System
which fulfills the requirements of the following standard
ISO 9001:2008
Issued on: 2011-02-07
Validity date: 2014-02-06
Registration Number: IT-18537
Michael Drechsel
President of IQNet
PROTOS
SOA
ATTESTAZIONE DI QUALIFICAZIONE ALLA ESECUZIONE DI LAVORI PUBBLICI
DITTA EDOARDO LOSSA SOCIETA' PER AZIONI
MILANO
VIA ENRICO DE NICOLA 26
CAP: 20090
Provincia: MI
Rappresentanti legali:
Direttori Tecnici:
Categorie e classifiche di qualificazione:
ICIM
CERTIFICATO n. 2177/3
CERTIFICATE No.
DITTA EDOARDO LOSSA S.p.A.
Via E. De Nicola, 26 - 20090 Cesano Boscone (MI)
Via Panama, 87 - 00198 Roma (RM)
Italia
UNI EN ISO 9001:2008
EA: 28
Progettazione, costruzione, installazione, gestione e manutenzione di impianti termici, condizionamento, ventilazione, idrosanitari, antincendio ed elettrici (tradizionali e con tecnologie innovative).
Design, construction, installation, running and maintenance of heating, air conditioning, ventilating, plumbing, fire-fighting and electrical systems (also with innovative technologies).
Data emissione First issue 07/02/2002
Emissione corrente Current issue 07/02/2011
Data di scadenza Expiring date 06/02/2014
ICIM S.p.A.
ACCREDIA
CISQ