

— CORPORATE CATALOGUE

Ekura **Elektromekanik**

“The Perfection of the Whole”

MECHANICAL AND ELECTRICAL CONTRACTING · ISTANBUL

MESSAGE FROM THE GENERAL MANAGER

Every project, **a trust.**

For us, every project is a trust placed in our hands.

Good building services go unnoticed — because they simply always work. In factories, hospitals and hotels alike, that is our goal: systems that quietly do their job, year after year, without fail.

Our experience stretches from the freezing cold of Siberia to the scorching deserts of Afghanistan, from Istanbul's metro lines to international hotels. Today we bring the discipline of major projects to work of every scale.

We measure success not only in the square metres we complete, but in the lasting partnerships we build. To us, every client is our first client and every project our first project. We look forward to growing together with you.

Kind regards,

Sezer Kartal

MECHANICAL ENGINEER
GENERAL MANAGER

“The Perfection of the Whole”

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— WHO WE ARE

The perfection of the whole.

A building is more than walls, columns and pipework.
It is a living, breathing organism.

Architecture

The identity and soul of
the building

Structure

The skeleton that holds it
up

Electrical

The nervous system
reaching every point

Mechanical

The respiratory and
circulatory systems

We build the respiratory, circulatory and nervous systems of this organism. From heating to cooling, from ventilation to fire protection, we deliver all mechanical systems on a turnkey basis — and carry out the electrical infrastructure that brings them to life, all under one roof.

In an organism, no system works alone. That is why we design the disciplines not as separate parts, but as a whole that works in harmony. The result: buildings that breathe as on the first day and stay healthy for years.

2020

FOUNDED

20+

COMPLETED PROJECTS

15

SECTORS OF
EXPERIENCE

7

COUNTRIES OF FIELD
EXPERIENCE

— WHY EKURA

The right system, a smart investment.

For us, engineering means protecting the value of your investment throughout the entire life of the project.

01

Life-cycle cost

We calculate not just the initial investment, but the lifetime cost of the system. Because the cheapest system is not always the most economical one.

02

Uninterrupted operation

We know the cost of a single minute of downtime on a metro line, or lost production in a factory. That is why we solve risks at the drawing board, not on site.

03

Energy efficiency

We build systems that consume less energy and need less maintenance. Your savings show up on every monthly bill.

04

Experience from the field

We manage design and site together; with the experience gained on major projects, we give every job the same level of care.

“Why Ekura?” Because we know this business – and we turn that knowledge into lasting value for you.

— OUR APPROACH

True perfection lies in the details.

Every project begins with a view of the whole, matures through the details and is delivered with proven performance.

01

Seeing the whole

Looking beyond the technical requirements, we analyse the spirit and function of the building to identify the real need.

02

Designing the detail

We build every solution on efficiency and sustainability from the very start, selecting systems that lower operating costs.

03

Executing with care

We begin with site coordination, continue with the supply of materials and equipment, and complete with installation. The entire process is managed under one roof.

04

Testing, adjusting and balancing

Before handover, we measure, adjust and balance every system, and commission it only once it has proven to reach its design values.

05

Lasting value

We stand behind every system we deliver — because our name lives on in the systems we build.

Perfection is not a destination, but a habit that starts anew with every project.

— OUR SECTORS

A trusted partner for critical buildings.

From metro lines to refineries, from hotels to precision laboratories, we bring experience across 15 different sectors.

01 Transport and Infrastructure

- Metro and Rail Systems Projects

02 Energy and Heavy Industry

- Refineries and Petrochemical Plants
- Iron, Steel and Metal Plants
- Mining and Fertiliser Plants

03 Industrial Facilities

- Plastics and Recycling Plants
- Packaging Production Plants
- Paint and Chemical Plants
- Laboratory and R&D Facilities
- Defence Industry Facilities

04 Commercial Buildings

- Hotels and Resorts
- Office and Administrative Buildings
- Shopping Malls and Retail Stores
- Logistics and Warehousing Facilities

05 Healthcare

- Hospitals and Clinics

06 Public Buildings

- Public and Diplomatic Buildings

— OUR SOLUTIONS

All the vital systems of a building.

Every mechanical system a building needs, under one roof.

01 Heating Systems

- Heating Plants and Boiler Systems
- Heat Substations and District Heating
- Calorifiers and Hot Water Systems
- Solar Hot Water Systems
- Hydronic Underfloor Heating
- Electric Underfloor Heating
- Hydronic Radiant Heating
- Gas-Fired Radiant Heating
- Radiator and Convector Systems
- Warm Air Heaters and Unit Heaters
- Steam and Superheated Water Systems
- Process Heating Systems
- Snow Melting Systems
- Heat Cost Allocators and Heat Meters

02 Heat Pump Systems

- Air-Source Heat Pumps
- Water-Source Heat Pumps
- Ground-Source Heat Pumps
- Hybrid Heat Pump Systems
- Pool Heat Pumps
- Domestic Hot Water Heat Pumps
- Industrial High-Temperature Heat Pumps

03 Cooling Systems

- Air- and Water-Cooled Chiller Systems
- Cooling Towers and Dry Coolers
- Free Cooling Systems
- Absorption Cooling Systems
- Ice Thermal Storage Systems
- Process Cooling Systems
- Cold Rooms and Blast Freezing Systems

04 Air Conditioning Systems

- Split and Multi-Split Systems
- VRF / VRV Systems
- Fan Coil Systems
- Rooftop Systems
- Chilled Ceiling and Active Beam Systems
- Evaporative Cooling Systems
- Precision Air Conditioning Systems
- Data Centre Cooling
- Operating Theatre HVAC
- Cleanroom Systems
- Humidification and Dehumidification Systems

05 Ventilation Systems

- Air Handling Units
- Hygienic Air Handling Units
- Heat Recovery Units
- Ductwork and Air Terminal Systems
- Fabric Duct Systems
- Industrial Ventilation and Exhaust Systems
- Kitchen Exhaust and Hood Systems
- Laboratory Fume Cupboard Exhaust
- Car Park Ventilation and Jet Fan Systems
- Emergency Tunnel Ventilation Systems
- Smoke Extraction Systems
- Stairwell and Lift Shaft Pressurisation
- Air Curtain Systems

— OUR SOLUTIONS

06 Fire Protection Systems

- Fire Pumps
- Fire Water Tanks
- Sprinklers and Fire Valves
- Fire Hose Cabinets and Hydrants
- Deluge Systems
- Foam Suppression Systems
- Gas Suppression Systems
- Water Mist Systems
- Kitchen Hood Suppression Systems
- In-Panel Suppression Systems
- Fire Detection and Alarm Systems
- Passive Fire Protection Systems

07 Dust Collection and Filtration Systems

- Industrial Dust Collection Systems
- Bag and Cartridge Filter Systems
- Cyclone Separators
- Wet Dust Collection Systems
- Industrial Extraction Systems
- Fume and Vapour Extraction Systems
- Explosion Protection (ATEX) Systems

08 Water Management and Treatment Systems

- Water Treatment and Filtration Systems
- Water Softening and Reverse Osmosis (RO)
- UV and Chemical Disinfection Systems
- Siphonic Roof Drainage Systems
- Rainwater Harvesting and Storage
- Greywater Recycling Systems
- Wastewater Pumping Stations
- Wastewater Treatment Systems

09 Plumbing Systems

- Domestic Water Supply (Cold and Hot)
- Hot Water Circulation Systems
- Booster and Pressurisation Systems
- Water Storage Tanks
- Soil, Waste and Rainwater Drainage
- Stainless Steel Drainage Systems
- Vacuum Drainage Systems
- Grease, Sand and Oil Separators
- Sanitaryware and Fittings Installation

10 Gas and Process Piping

- Natural Gas and LPG Systems
- Medical Gas Systems
- Laboratory Gas Systems
- Compressed Air Systems
- Nitrogen and Technical Gas Systems
- Solvent and Chemical Lines

11 Seismic Protection and Support Systems

- Seismic Protection Systems
- Modular Support Systems
- Vibration and Noise Isolation
- Expansion Joints and Flexible Connectors

12 Automation and Commissioning

- Building Management Systems
- Field Control Panels
- Energy Monitoring and Metering Systems
- Testing, Adjusting and Balancing (TAB)
- Maintenance and Operations Support

13 Electrical Works

- Power and Control Cabling for Mechanical Systems
- Motor Control and Distribution Panels
- Pump and Fan Drives (VFD)
- Earthing and Connections of Mechanical Equipment

— OUR PROJECTS

Work proven in the field.



CSR Plastic Sakarya Factory

SCOPE

Supply, installation, testing and commissioning of the chiller unit for the PET recycling line

CLIENT

Şam Yapı A.Ş.

LOCATION

Sakarya, Türkiye

CONTRACT

2025

COMPLETION

Ongoing

TOTAL AREA

12,000 m²



AkzoNobel Paint Factory

SCOPE

Laboratory precision air conditioning systems

CLIENT

Marshall Boya ve Vernik Sanayii A.Ş.

LOCATION

Kocaeli, Türkiye

CONTRACT

2025

COMPLETION

2025

TOTAL AREA

400 m²

— OUR PROJECTS



INDUSTRIAL FACILITY

Koroza Packaging Kırac Factory

SCOPE

Heating, cooling, ventilation, compressed air, solvent and humidification systems

CLIENT

Koroza Ambalaj Sanayi ve Ticaret A.Ş.

LOCATION

Istanbul, Türkiye

CONTRACT

2023

COMPLETION

2024

TOTAL AREA

19,000 m²



INDUSTRIAL FACILITY

Sareks Factory

SCOPE

Renewal of chiller circuits

CLIENT

Sareks Ambalaj Sanayi ve Ticaret A.Ş.

LOCATION

Tekirdağ, Türkiye

CONTRACT

2024

COMPLETION

2024

TOTAL AREA

13,000 m²

OUR PROJECTS



HOTEL

Address Istanbul Hotel

SCOPE

Various works on mechanical systems

CLIENT

Emaar Libadiye Gayrimenkul Geliştirme

LOCATION

Istanbul, Türkiye

CONTRACT

2022

COMPLETION

2023

TOTAL AREA

95,000 m²



LOGISTICS

Tarım Kredi Market Erzurum Warehouse

SCOPE

Heating and natural gas systems

CLIENT

TK Tarım Kredi Pazarlama ve Marketçilik A.Ş.

LOCATION

Erzurum, Türkiye

CONTRACT

2022

COMPLETION

2022

TOTAL AREA

12,500 m²

— OUR PROJECTS



HEALTHCARE

Amnia Investment Dental Hospital

SCOPE

Air conditioning systems

CLIENT

Amnia Investment Sağlık Hizmetleri Tic. Ltd. Şti.

LOCATION

İstanbul, Türkiye

CONTRACT

2022

COMPLETION

2022

TOTAL AREA2,100 m²

HEALTHCARE

Mebadent Clinic

SCOPE

Heating, cooling, ventilation and plumbing systems

CLIENT

Meba Dent

LOCATION

İstanbul, Türkiye

CONTRACT

2023

COMPLETION

2023

TOTAL AREA1,600 m²

— OUR PROJECTS



Smile Institute Dental Clinic

SCOPE

Air conditioning systems

CLIENT

Smile Institute

LOCATION

Istanbul, Türkiye

CONTRACT

2022

COMPLETION

2022

TOTAL AREA1,500 m²

— NEXT PROJECT

We saved this page for you.

Let's write the next success story together. Get in touch to discuss your project.

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— OUR EXPERIENCE

Projects Delivered Under Our Professional Management

Ekura's approach today was shaped by the national and international projects our management team led in their previous roles.

**Sezer Kartal**

MECHANICAL ENGINEER
GENERAL MANAGER

2018 – 2022**Istanbul Rail System Projects**

MECHANICAL SYSTEMS MANAGER

Marmaray Commuter Rail Line
Gayrettepe – Istanbul Airport Metro

Istanbul Airport – Halkalı Metro

2017 – 2019**Dudullu – Bostancı Metro**

MECHANICAL SYSTEMS MANAGER

Metro Line Mechanical Systems

2015 – 2016**Hyatt Regency Tashkent Hotel**

SITE MANAGER

Tashkent, Uzbekistan

2010 – 2015**Industrial Projects in Russia**

CONSTRUCTION MANAGER

Sibur Tobolsk ECU Project
Sadko Social Rehabilitation Centre
Transneft Office Building

Beloyarsk Hospital Project
YaNAO Administration Building II

2008 – 2010**Building and Retail Projects**

CONSTRUCTION MANAGER

Afyon Chamber of Commerce and Industry
Building
Nilüfer Municipality Wedding Hall
Turkish Airlines Training Centre
Mars Entertainment Head Office

Cinebonus – Marmara Forum Mall
Metro Grossmarket Bodrum
Divarese, Fabrika, TBOX and İnci Kundura
Stores
Khoswan Tower, Iraq

OUR EXPERIENCE



Ferhat Tülübaş

 MECHANICAL ENGINEER
 ELECTROMECHANICAL COORDINATOR

YEAR	PROJECT	ROLE
2020 – 2021	Aselsan Konya Weapon Systems Facility	Mechanical Works Project Manager
—	Kabul – Doshi Road Emergency Rehabilitation, Afghanistan; Panjshir Road Project	Mechanical Works Coordinator
—	Zonguldak and ISKI Wastewater Treatment Plants; İsdemir, Erdemir, Tüpraş and Libya Great Man-Made River Tenders	Mechanical Works Coordinator
2001 – 2002	Renovation of the Turkish Embassy Building, Dushanbe, Tajikistan	Project Management and Coordination
1999 – 2001	Tüpraş İzmit Refinery Isomerisation Project	Mechanical Works Section Manager
1996 – 1999	Vastanya Business Centre (Moscow); Usadba Center Annex-11; Lukoil Perm Headquarters Building; Kyrgyzstan Road Projects Mobilisation	International Mechanical Works Coordination
1995 – 1996	28 Villas, Hotel + Business Centre and Sanatorium Construction (Abroad)	Mechanical Works Section Manager
1994 – 1995	Palmiye Bodrum Holiday Village Extension	Mechanical Works Section Manager
1993 – 1994	Kazkat Copper Rod Plant, Kazakhstan	Mechanical and Piping Works Section Manager
1992	NATO Günbadenüs IV-V Construction and Installation Works	Mechanical Works Section Manager
1989 – 1992	Erdemir No. 3 Slab Reheating Furnace	Design and Site Engineer
1989	Palmiye Kemer Hotel and Kemer Holiday Village	Section Manager / Site Engineer
1987	Gübretaş Yarımcı Fertiliser Plant NPK-2 Extension	Design Engineer
1986	Etibank Mazıdağı Phosphate Concentrator	Design Engineer

The projects on these pages were carried out by our managers in their roles prior to Ekura.

OUR REFERENCES

Brands that trust us.

We thank our partners across sectors — from industry to healthcare, from retail to the public sector.



You could be
next

Certified
quality.

Our quality, environmental, occupational health and customer satisfaction processes are certified to international standards.



ISO 9001:2015

Quality Management System



ISO 14001:2015
Environmental Management
System



ISO 45001:2018

Occupational Health and Safety Management System



ISO 10002:2018

Customer Satisfaction and Complaints Management System



ISKAV TAB Certificate

Testing, Adjusting and Balancing · Air and Hydronic Systems

Issued to Sezer Kartal by ISKAV, the Turkish
Foundation for Heating, Cooling and Air Conditioning
Research and Training.

— OUR MEMBERSHIPS

Part of the industry.

Through our memberships in professional associations and organisations, we contribute to the industry's development and closely follow current standards.



CONTACT

The perfection of the whole, **completed with you.**

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