



**EKIN ENDUSTRIYEL**

General

Certificates Catalogue

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**EKIN ENDÜSTRİYEL**  
Isıtma-Soğutma San. Tic. Ltd. Şti.





**The first condition of innovation is to question.**

**And the first condition of sustainable innovation is to question constantly.**

The journey of innovation has started with a question for us too: “How can we develop value-added technologies in Turkey?”. First turning point in this long journey was the birth of MIT (Made in Türkiye) brand. MIT made us the first plate heat exchanger producer of Turkey and it’s founding vision was not to become a local alternative, it was to build a high-quality brand that can compete on a global level.

While we are working towards this goal in the past 17 years, our products and processes deemed worthy for documentation by many national and international quality assessment institutions such as ISO, TSE, CE, GOST and many more. This was the natural outcome of our constant questioning of the status-quo and our desire to outperform ourselves.

## **New Generation Engineering**

With our engineering approach that focuses on the process, not the problem, we do not just specialize in a product, we consider the entire ecosystem of that product. Ergo, we produce all the other components of a system in addition to plate heat exchangers and we focus on the constant development of engineering staff required to provide an end-to-end application.

We provide a “solution” rather than a product with our business development, presales, sales and after sales services provided by our expert engineers.

In our 17th year, we continue to grow as a solution partner for projects that need high technology in more than 60 countries with our internationally approved high-quality plate heat exchangers; components such as accumulation tanks, boilers, industrial pumps and installation materials that completes these exchangers to form a system; and complementary services provided by our expert engineer staff.



## HEAT TRANSFER PRODUCTS

- Gasketed Plate Heat Exchangers
- Brazed Heat Exchangers
- Shell & Tube Heat Exchangers
- Evaporators and Condensers
- DC Fan Driven Oil Coolers
- Heat Coils
- Serpentine / Radiators / Economizers

## PRESSURE VESSELS

- Water Heater Tanks
- Water Storage Tanks
- Buffer Tanks
- Expansion Tanks
- Stainless Steel Tanks
- Balance Tanks / Dirt Separators / Air Separators / Air Tubes
- Steam Separators
- Pressured Air Tanks
- Neutralization Units

## INDUSTRIAL AND FOOD GRADE SYSTEMS

- Heat Stations
- Industrial Process Systems
- Dosing Systems
- Substations
- Thermoregulators
- Pasteurizers
- CIP and Hygienic Process Systems
- Hygienic Storage and Process Tanks
- Homogenizers
- Turn-key Projects

## FLUID TRANSFER PRODUCTS

- Lobe Pumps
- Hygienic Centrifugal Pumps
- Twin Screw Pumps
- Gear Pumps
- Magnetic Drive Pumps / Thermoplastic Pumps
- Dosing Pumps
- Air Operated Double Diaphragm Pumps (AODD)
- Drum Pumps
- Monopumps
- Peristaltic (Hose) Pumps
- Centrifugal Blowers
- Roots Blowers
- Turbo Blowers

## FLOW CONTROL UNITS

- Butterfly Valves
- Ball Valves
- Globe Valves
- Knife Gate Valves
- Actuators
- Check Valves and Strainers
- Thermoplastic Valves

## ENERGY SYSTEMS

- Boilers
- Steam Generators
- Solar Collectors
- Chillers
- Cooling Towers

# PRODUCT RANGE



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*From our product quality to our value-added services; we owe our sustainable success to our established corporate culture in every field from employee satisfaction to customer satisfaction.*

*Our comprehensive corporate policies pave the way for our corporate culture. Thanks to these policies, we design all our activities to offer the same quality regardless of individuals and market dynamics.*

# CORPORATE POLICIES



The secret of being the leading company in the heating and cooling sector lies in the people. We know in order to make a difference; it is necessary to have the staff to implement these policies flawlessly as well as the corporate policies created by experts in their fields with nearly 20 years of experience. We demonstrate our customer-oriented approach by reflecting the needs and expectations of the industry to our MIT branded products in the best possible way. We are raising the standards of the heating-cooling and air conditioning industry by combining our modern production and marketing understanding with our innovative approach with the valuable experience of our expert engineers.



## OUR VISION

To make the MIT brand a reputable and leading global brand in all sectors in which Ekin Endüstriyel operates.

## OUR MISSION

To provide sustainable benefit to all our stakeholders by using our resources effectively and efficiently within the framework of human and moral values.



## AN ENGINEERING APPROACH FROM SALES TO MAINTENANCE

We offer value added pre and after sale services with our customer satisfaction-oriented approach and deep expertise we are more than happy to share. Thanks to our expert engineers that provide proactive solutions, we focus on making a difference throughout the process, from presales to maintenance. With our “quality product, quality service, quality solution” approach, we are more than a manufacturer and supplier, we are a highly motivated solution partner for all kinds of heating and cooling projects.





## QUALITY POLICY

We aim for sustainable quality with a proactive approach that not only meets the need but anticipates it. We bring together an understanding of corporate management based on strategy, not personal thoughts, with effective decision-making mechanisms that include our employees and suppliers. We run an operation based on efficiency and sustainability.



## CUSTOMER SATISFACTION

We aim for sustainable quality with a proactive approach that anticipates rather than meets the need. We bring together a corporate management approach based on strategy, not personal considerations, with effective decision-making mechanisms, including our employees and suppliers. We run an operation based on efficiency and sustainability.





## ETHICAL VALUES

We conduct all our activities in accordance with the laws and then with ethical values. We believe in growing together and we look for mutual benefit in all our business relationships.

## PRIVACY POLICY

All your personal information shared with our company is guaranteed by our ethical values and our processes in compliance with the Law No. 6698 on Protection of Personal Data.

## OCCUPATIONAL HEALTH AND SAFETY (OHS) POLICY

We prioritize a single rule in all our operations: "It is the right of every human being to work in a healthy and safe environment." We minimize risks with preventive OHS practices and analyzes. We increase the awareness of our own personnel, our suppliers and subcontractors with trainings and guidance. We work with the understanding of "zero concessions" in compliance with Occupational Health and Safety Regulations and related laws.

## ENVIRONMENTAL POLICY

We care about the prevention of waste in natural resource consumption. We keep the environmental pollutants and our wastes under constant control. We constantly inform our employees in this topic. We never compromise on compliance with the relevant legal legislation, and we wholeheartedly support all kinds of work that will benefit environmentally friendly technologies and social awareness.

## INFORMATION SECURITYZ

All our information technology operations are protected by our information security processes, which are managed in accordance with ISO 27001 Information Security Management System requirements.



## SPONSORSHIP AND SOCIAL RESPONSIBILITY

As Ekin Endüstriyel, we have been supporting projects that will bring social benefit from day one with our desire to develop and grow together. We strive to create and promote a sensitivity towards the future of our country and our world.

With our understanding of "Sponsorship and Social Responsibility", we regularly support various social sharing projects on education, health, and environment with great interest. We work diligently to fulfill our responsibilities towards our employees and heir families, customers, dealers, universities, non-governmental organizations, and other stakeholders.

In addition to the projects, we have implemented in a corporate sense, we support the projects created by students with all our strength in order to contribute to the raising of environmentally sensitive generations and to enlighten future generations. In addition, we prioritize the demands and needs of the projects in our region.


In the field of education, we are proud to provide support for many projects carried out domestically and nationwide. As the leading institution of the industry, we carry out projects focused on education and employment with vocational high schools and universities. In addition, innovation, we support the renewable energy, research, and R&D projects of student communities in Turkey's elite universities.

We are also working with non-governmental organizations in the field of health. We regularly organize seminars to inform our employees in topics like blood donation, harms of smoking and similar health-related issues. We wholeheartedly support projects carried out in the field of health at every opportunity.

While contributing to the national economy and employment with our investments, we strive to achieve a vision that tries to be a pioneer and an example to the society with our sponsorship and social responsibility projects and the voluntary support of our employees. We prioritize projects that generate permanent benefits to create sustainable effects with our social responsibility efforts.

WE USE THE RESOURCES WE HAVE MORE EFFICIENTLY AND TAKE CARE TO PROVIDE THE MOST EFFECTIVE RECYCLING WITHIN OUR COMPANY. **WE ADOPT TO ACT WITH CARE AND SEE IT AS A REFLECTION OF OUR RESPECT FOR THE ENVIRONMENT, HUMANITY, FUTURE GENERATIONS, AND OURSELVES.**





**High  
Performance,  
Longlived  
Products.**

**QUALITY  
ECONOMIC  
SOLUTIONS**

**SMART  
SOLUTIONS  
SEAMLESS  
SYSTEMS**





KNOWLEDGE, EXPERIENCE,  
SATISFIED CUSTOMER.



FAST SHIPPING,  
HIGH QUALITY,  
AFTER SALES  
SUPPORT!





As Ekin Endüstriyel, we aim to provide the highest quality and fastest service to our clients with the mobile service network we have created within our own structure, which has an understanding that aims at **“Customer Satisfaction”**.





Real Quality, High Performance, Environmentally Friendly and MIT Blowers That Can Be Used at High Temperatures.



**DOMESTIC  
PRODUCTION QUALITY  
ECONOMIC SOLUTIONS**







We continue to produce solutions with designs suitable for the process and specific to your demand.

# HISTORY

**2005**

As Ekin Endüstriyel family, we started our business in Istanbul in 2005. We continue to work tirelessly to make the MIT brand known and exemplary all over the world, with our expert personnel and wide product variety ranging from heat transfer products, industrial systems, food systems, fluid transfer products to energy systems.

**2006**

The first production of heat exchanger technology, which is an indispensable part of our lives and countless industries, was carried out by Ekin Endüstriyel in Turkey.

**2007**

In addition to the plate heat exchangers made in Turkey, the production of pressure vessels was started. Aiming to expand its product range with specific products, all of which are produced in Turkey, one of the most concrete indicators of Ekin Endüstriyel's determination in this regard is its MIT storage tanks and MIT boilers.

**2008**

Tube heat exchangers took their place in our product range. Products are determined and designed according to customer needs. Ekin Endüstriyel designs the heat exchangers it manufactures on licensed computer programs.

**2009**

In order to determine the most suitable solutions for our customers' needs, our sales engineers started to offer solutions using the heat exchanger selection program.

**2010**

Expansion tanks took their place in our product range. Expansion tanks are plumbing equipment that provides pressure control and water support in plumbing systems.

**2011**

Brazed plate heat exchangers started to be produced under the roof of Ekin Endüstriyel. MIT brazed plate heat exchangers were designed for cooling, ventilation and heating processes.

**2012**

MIT branded products have reached 60 countries.

**2013**

Ekin moved its headquarters to a new location in Des industrial site to continue operations.

**2014**

Foundation of our Kırklareli factory was laid to meet our manufacturing area requirements.

**2015**

Fluid transfer products were introduced at Ekin to serve our customers.

**2016**

After getting foundations laid in 2014, our factory in Kırklareli started production in 2016.

**2017**

We started providing services in various engineering fields to meet our customers' expectations with package system solutions.

**2018**

MIT Cooling Towers, Chillers and Steam Generators were included in our product range. Regional directorates started operations in 4 different countries.

**2019**

We added MIT boilers and Innsun solar energy systems to our product range.

**2020**

We added the Truevalve valve group to our product range.



Quality and Dependability  
That You Deserve!



# Sertifika Certificate

**DSR**  
CERTIFICATION

## EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SANAYİ VE TİCARET LİMİTED ŞİRKETİ

ATATÜRK CAD. DESSAN SANAYİ SİTESİ B14 BLOK 107 SOK. 2/A NO:4  
ÜMRANİYE - İSTANBUL / TÜRKİYE

DSR BELGELENDİRME tarafından denetlenmiş ve uygulamakta olduğu  
Kalite Yönetim Sisteminin

*is audited by DSR Certification and applied  
Quality Management System meet the requirements of*

## ISO 9001:2015

standardına aşağıdaki kapsamda uymakta olduğu gözlenmiştir.  
*standard for the following activities.*

PLAKALI EŞANJÖR, AKÜMÜLASYON TANKI, BOYLER, LEHİMLİ EŞANJÖR, BORULU EŞANJÖR, GENLEŞME  
TANKI, ISI İSTASYONU, DENGİ TANKI, TORTU TUTUCU, HAVA AYIRICI, BUFFER TANKI, PAKET SİSTEM, POMPA,  
SOĞUTMA KULESİ, CHİLLER, SOĞUTMA GRUBU, KAZAN, DİFÜZÖR, BLOWER, BATARYA, ISI DEĞİŞTİRİCİ  
RADYATÖR, EKONOMİZER, SERPANTİN, VANA, UHT, CIP, PASTÖRİZATÖR, NÖTRALİZASYON ÜNİTESİ, Tüp VE  
HAVA TÜPÜ ÜRETİMİ VE SATIŞI

MANUFACTURE AND SALE OF PLATE HEAT EXCHANGER, ACCUMULATION TANK (WATER STORAGE TANK), WATER  
HEATER TANK, BRAZED HEAT EXCHANGER, SHELL AND TUBE HEAT EXCHANGER, EXPANSION TANK, SUBSTATION,  
BALANCE TANK, DIRT SEPERATOR, AIR SEPERATOR, BUFFER TANK, COMPACT SYSTEM, PUMP, COOLING TOWER,  
CHILLER, COOLING GROUP, DIFFUSER, BLOWER, COILS, BOILER, RADIATOR, ECONOMISER AND SERPANTINE,  
VALVE. UHT. CIP. PASTEURISER. NEUTRALIZATION UNIT. TUBES AND AIR TUBES

**Sertifika No / Certificate No: QMS-20.10.330**

12.10.2020  
Sertifika Tarihi  
Certificate Date

15.10.2021  
Sertifika Son Basım Tarihi  
Certificate Last Issue Date

14.10.2022  
Sertifika Geçerlilik Tarihi  
Certificate Expiry Date

3 Yıl/Years  
Belgelendirme Periyodu  
Certification Period

EA Kodu/EA Code: 17-18



**DSR TEKNİK MUAYENE ŞERTİFİKASYON HİZ. LTD. ŞTİ.**

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# Sertifika Certificate



DSR  
CERTIFICATION

## EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SANAYİ VE TİCARET LİMİTED ŞİRKETİ

ATATÜRK CAD. DESSAN SANAYİ SİTESİ B14 BLOK 107 SOK. 2/A NO:4  
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Çevre Yönetim Sisteminin

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Environmental Management System meet the requirements of

# ISO 14001:2015

standardına aşağıdaki kapsamda uymakta olduğu gözlenmiştir.  
standard for the following activities.

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TANKI, ISI İSTASYONU, DENGİ TANKI, TORTU TUTUCU, HAVA AYIRICI, BUFFER TANKI, PAKET SİSTEM, POMPA,  
SOĞUTMA KULESİ, CHİLLER, SOĞUTMA GRUBU, KAZAN, DİFÜZÖR, BLOWER, BATARYA, ISI DEĞİŞTİRİCİ  
RADYATÖR, EKONOMİZER, SERPANTİN, VANA, UHT, CIP, PASTÖRİZATÖR, NÖTRALİZASYON ÜNİTESİ, TUP VE  
HAVA TUPU ÜRETİMİ VE SATIŞI

MANUFACTURE AND SALE OF PLATE HEAT EXCHANGER, ACCUMULATION TANK (WATER STORAGE TANK), WATER  
HEATER TANK, BRAZED HEAT EXCHANGER, SHELL AND TUBE HEAT EXCHANGER, EXPANSION TANK, SUBSTATION,  
BALANCE TANK, DIRT SEPERATOR, AIR SEPERATOR, BUFFER TANK, COMPACT SYSTEM, PUMP, COOLING TOWER,  
CHILLER, COOLING GROUP, DIFFUSER, BLOWER, COILS, BOILER, RADIATOR, ECONOMISER AND SERPANTINE,  
VALVE. UHT, CIP, PASTEURISER, NEUTRALIZATION UNIT, TUBES AND AIR TUBES

Sertifika No / Certificate No: EMS-20.10.330

12.10.2020  
Sertifika Tarihi  
Certificate Date

15.10.2021  
Sertifika Son Basım Tarihi  
Certificate Last Issue Date

14.10.2022  
Sertifika Geçerlilik Tarihi  
Certificate Expiry Date

3 Yıl/Years  
Belgelendirme Periyodu  
Certification Period

EA Kodu/EA  
Code: 17-18



DSR TEKNİK MUAYENE SERTİFİKASYON HİZ. LTD. ŞTİ.

Yeşilbağlar Mah. Selvili Sk. Helis Beyaz Ofis 2/1 A Blok No:207 PENDİK / İSTANBUL / TÜRKİYE Tel: +90 216 606 06 35  
E-mail: info@dsrbelgelendirme.com.tr - Web: www.dsrbelgelendirme.com.tr



# CERTIFICATE

## EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.

ATATÜRK CAD. DESSAN SANAYİ SİTESİ B14 BLOK 107 SOK. 2/A NO:4  
ÜMRANİYE / İSTANBUL / TURKEY, Türkiye

İNTERSİSTEM TEKNİK BELGELENDİRME tarafından denetlenmiş ve uygulamakta olduğu  
Enerji Yönetim Sisteminin  
is audited by INTERSİSTEM TEKNİK BELGELENDİRME Certification and applied  
Energy Management System meet the requirements of

# ISO 50001:2018

standardına aşağıdaki kapsamda uymakta olduğu gözlenmiştir.  
standard for the following activities.

**PLAKALI EŞANJÖR, AKÜMÜLASYON TANKI, BOYLER, LEHİMLİ EŞANJÖR, BORULU EŞANJÖR, GENLEŞME  
TANKI, ISI İSTASYONU, DENGE TANKI, TORTU TUTUCU, HAVA AYIRICI, BUFFER TANKI, PAKET SİSTEM,  
POMPA, SOĞUTMA KULESİ, CHİLLER, SOĞUTMA GRUBU, KAZAN, DİFÜZÖR, BLOWER, BATARYA, ISI  
DEĞİŞTİRİCİ RADYATÖR, EKONOMİZER,  
SERPANTİN, VANA, UHT, CIP VE PASTÖRİZATÖR ÜRETİMİ VE SATIŞI**

**MANUFACTURER AND SERVICE OF PLATE HEAT EXCHANGER, ACCUMULATION TANK (WATER STORAGE TANK), WATER HEATER TANK, BRAZED  
HEAT EXCHANGER, SHELL AND TUBE HEAT EXCHANGER, EXPANSION TANK, SUBSTATION, BALANCE TANK, DIRT SEPERATOR, AIR  
SEPERATOR, BUFFER TANK, COMPACT SYSTEM, PUMP, COOLING TOWER, CHILLER, COOLING GROUP, DIFFUSER, BLOWER, COILS, BOILER,  
RADIATOR, ECONOMISER AND SERPANTINE, VALVE, UHT, CIP AND PASTEURISER**

**Sertifika No / Certificate No: EnMS-0090- 13001066-TR**

|                                                    |                                                                         |                                                                      |
|----------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------|
| 06.11.2018<br>Sertifika Tarihi<br>Certificate Date | 15.10.2021<br>Sertifika Son Basım Tarihi<br>Certificate Last Issue Date | 14.10.2022<br>Sertifika Geçerlilik Tarihi<br>Certificate Expiry Date |
|----------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------|

**3 YIL / YEARS**  
Belgeleme Periyodu Bitiş Tarihi  
Certification Period Expiration Date



FR BEL 01 Yayın Tarihi: 01.07.2013 Rev.No: 03 Rev. Tarihi: 08.05.2015



ONAY  
APPROVAL  
2007



**NBE**  
New Business Education  
ISO/IEC 17021-1:2015  
**ACCREDITED**  
NBE-MS-0002

Rev:00 / Revizyon Tarihi:

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# Sertifika Certificate

## EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.

ATATÜRK CAD. DESSAN SANAYİ SİTESİ B14 BLOK 107 SK. 2/A NO:4 ÜMRANIYE – İSTANBUL / TÜRKİYE

SDR BELGELENDİRME tarafından denetlenmiş ve uygulamakta olduğu  
Bilgi Güvenliği Yönetim Sisteminin

*is audited by SDR Certification and applied  
Information Security Management System meet the requirements of*

## ISO 27001:2013

standardına aşağıdaki kapsamda uymakta olduğu gözlenmiştir.  
*standard for the following activities.*

PLAKALI EŞANJÖR, AKÜMÜLASYON TANKI, BOYLER, LEHİMLİ EŞANJÖR, BORULU EŞANJÖR, GENLEŞME TANKI, ISI İSTASYONU, DENGİ TANKI, TORTU TUTUCU, HAVA AYIRICI, BUFFER TANKI, PAKET SİSTEM, POMPA, SOĞUTMA KULESİ, CHILLER, SOĞUTMA GRUBU, KAZAN, DİFÜZÖR, BLOWER, BATARYA, ISI DEĞİŞTİRİCİ RADYATÖR, EKONOMİZER, SERPANTİN, VANA, UHT, CİP, PASTÖRİZATÖR, NÖTRALİZASYON ÜNİTESİ, TÜP VE HAVA TÜPÜ ÜRETİMİ VE SATIŞI  
MANUFACTURER AND SERVICE OF PLATE HEAT EXCHANGER, ACCUMULATION TANK (WATER STORAGE TANK), WATER HEATER TANK, BRAZED HEAT EXCHANGER, SHELL AND TUBE HEAT EXCHANGER, EXPANSION TANK, SUBSTATION, BALANCE TANK, DIRT SEPERATOR, AIR SEPERATOR, BUFFER TANK, COMPACT SYSTEM, PUMP, COOLING TOWER, CHILLER, COOLING GROUP, DIFFUSER, BLOWER, COILS, BOILER, RADIATOR, ECONOMISER AND SERPANTINE, VALVE, UHT, CIP, PASTEURISER, NEUTRALIZATION UNIT, TUBE VE AIR TUBES

**Sertifika No / Certificate No: ISMS-20.04.105**

15.04.2020  
Sertifika Tarihi  
Certificate Date

14.06.2022  
Sertifika Son Basım Tarihi  
Certificate Last Issue Date

14.04.2023  
Belgelendirme Periyodu Bitiş Tarihi  
Certification Period Expiration Date

14.04.2023  
Sertifika Geçerlilik Tarihi  
Certificate Expiry Date



FR-084 Yayın Tarihi:18.04.2018  
Rev.No:00 / Rev.Tarihi:



Rev.00 / Revizyon Tarihi:



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[www.sdrbelgelendirme.com](http://www.sdrbelgelendirme.com) [info@sdrbelgelendirme.com](mailto:info@sdrbelgelendirme.com)





**CERTIFICATE**

**EKİN ENDÜSTRİYEL ISITMA SOĞUTMA  
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ATATÜRK CAD. DESSAN SANAYİ SİTESİ B14 BLOK 107 SOK. 2/A NO:4  
ÜMRANİYE / İSTANBUL / TÜRKİYE, Türkiye

İNTERSİSTEM TEKNİK BELGELENDİRME tarafından denetlenmiş ve uygulamakta olduğu  
Müşteri Memnuniyeti Yönetim Sisteminin  
is audited by İNTERSİSTEM TEKNİK BELGELENDİRME Certification and applied  
Customer Satisfaction Management System meet the requirements of

**ISO 10002:2018**

standardına aşağıdaki kapsamda uymakta olduğu gözlenmiştir.  
standard for the following activities.

**PLAKALI EŞANJÖR, AKÜMÜLASYON TANKI, BOYLER, LEHİMLİ EŞANJÖR, BORULU EŞANJÖR,  
GENLEŞME TANKI, ISI İSTASYONU, DENGİ TANKI, TORTU TUTUCU, HAVA AYIRICI, BUFFER TANKI,  
PAKET SİSTEM, POMPA, SOĞUTMA KULESİ, CHİLLER, SOĞUTMA GRUBU, KAZAN, DİFÜZÖR, BLOWER,  
BATARYA, ISI DEĞİŞTİRİCİ RADYATÖR, EKONOMİZER,  
SERPANTİN, VANA, UHT, CİP VE PASTÖRİZATÖR ÜRETİMİ VE SATIŞI**

MANUFACTURER AND SERVICE OF PLATE HEAT EXCHANGER, ACCUMULATION TANK (WATER STORAGE TANK), WATER HEATER TANK,  
BRAZED HEAT EXCHANGER, SHELL AND TUBE HEAT EXCHANGER, EXPANSION TANK, SUBSTATION, BALANCE TANK, DIRT SEPERATOR,  
AIR SEPERATOR, BUFFER TANK, COMPACT SYSTEM PUMP, COOLING TOWER, CHILLER, COOLING GROUP, DIFFUSER, BLOWER, COILS,  
BOILER, RADIATOR, ECONOMISER AND SERPANTINE, VALVE. UHT, CIP AND PASTEURISER

**Sertifika No / Certificate No: CM-0090- 13001066-TR**

|                                                    |                                                                         |                                                                      |
|----------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------|
| 06.11.2018<br>Sertifika Tarihi<br>Certificate Date | 15.10.2021<br>Sertifika Son Basım Tarihi<br>Certificate Last Issue Date | 14.10.2022<br>Sertifika Geçerlilik Tarihi<br>Certificate Expiry Date |
|----------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------|

**3 YIL / YEARS**  
Belgelendirme Periyodu Bitiş Tarihi  
Certification Period Expiration Date



FR.BEL.81 Yayın Tarihi:01.07.2013 Rev.No:03 Rev.Tarihi:08.05.2015



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Rev.00 / Revizyon Tarihi:

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*İşçi Sağlığı ve İş Güvenliği Yönetim Sistemi*

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İşçi Sağlığı ve İş Güvenliği Yönetim Sisteminin  
is audited by INTERSİSTEM TEKNİK Certification and applied  
Occupational Health and Safety Management System meet the requirements of

## OHSAS 18001:2007

standartına aşağıdaki kapsamda uymakta olduğu gözlenmiştir.  
standard for the following activities.

PLAKALI EŞANJÖR, AKÜMÜLASYON TANKI, BOYLER, LEHİMLİ EŞANJÖR, BORULU EŞANJÖR, GENLEŞME TANKI, ISI İSTASYONU, DENGİ TANKI, TORTU TUTUCU, HAVA AYIRICI, BUFFER TANKI, PAKET SİSTEM, POMPA, SOĞUTMA KULESİ, CHİLLER, SOĞUTMA GRUBU, KAZAN, DİFÜZÖR, BLOWER, BATARYA, ISI DEĞİŞTİRİCİ RADYATÖR, EKONOMİZER, SERPANTİN, VANA, UHT, CİP, PASTÖRİZATÖR, NÖTRALİZASYON ÜNİTESİ, TÜP VE HAVA TÜPÜ ÜRETİMİ VE SATIŞI

MANUFACTURER AND SERVICE OF PLATE HEAT EXCHANGER, ACCUMULATION TANK (WATER STORAGE TANK), WATER HEATER TANK, BRAZED HEAT EXCHANGER, SHELL AND TUBE HEAT EXCHANGER, EXPANSION TANK, SUBSTATION, BALANCE TANK, DIRT SEPERATOR, AIR SEPERATOR, BUFFER TANK, COMPACT SYSTEM, PUMP, COOLING TOWER, CHILLER, COOLING GROUP, DIFFUSER, BLOWER, COILS, BOILER, RADIATOR, ECONOMISER AND SERPANTINE, VALVE. UHT, CIP, PASTEURISER, NEUTRALIZATION UNIT, TUBE VE AIR TUBES.

Certificate No : OH-0090-13002504-TR

|                                                    |                                                                         |                                                                      |
|----------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------|
| 12.10.2020<br>Sertifika Tarihi<br>Certificate Date | 22.10.2021<br>Sertifika Son Basım Tarihi<br>Certificate Last Issue Date | 21.10.2022<br>Sertifika Geçerlilik Tarihi<br>Certificate Expiry Date |
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3 YIL/YEARS  
Belgelendirme Periyodu  
Certification Period



ONAY  
APPROVAL



ONAY  
APPROVAL



FR.BEL.81 Yayın Tarihi:01.07.2013 Rev.No:03 Rev.Tarihi:06.05.2019 Rev.No:01 Rev.Tarihi:21.10.2021

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| <b>BELGE NUMARASI</b><br>REFERENCE NUMBER OF LICENCE                                    | 011181-TSE-03/01                                                                                 |
| <b>BELGENİN İLK VERİLİŞ TARİHİ</b><br>DATE OF FIRST ISSUE OF LICENCE                    | 27.02.2019                                                                                       |
| <b>BELGENİN SON GEÇERLİLİK TARİHİ</b><br>LICENCE VALID UNTIL                            | 27.02.2023                                                                                       |
| <b>BELGE SAHİBİ KURULUŞUN ADI</b><br>NAME OF THE LICENCE HOLDER                         | EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.                                           |
| <b>BELGE SAHİBİ KURULUŞUN ADRESİ</b><br>ADDRESS OF THE LICENCE HOLDER                   | DUDULLU OSB MAH. DES SANAYİ SİTESİ B 14 BLOK 107. SOK. NO: 2<br>-4-6-8 ÜMRANIYE İSTANBUL/TÜRKİYE |
| <b>ÜRETİM YERİ ADI</b><br>NAME OF THE MANUFACTURING PLACE                               | EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.                                           |
| <b>ÜRETİM YERİ ADRESİ</b><br>ADDRESS OF THE MANUFACTURING PLACE                         | KIRKLARELİ ORG. SAN. BÖLGESİ 6. CADDE No : 14<br>KIZILCIKDERE OSB MEVKİİ MERKEZ KIRKLARELİ       |
| <b>İPTAL EDİLEN BELGE NUMARASI (Varsa)</b><br>INDICATION OF SUPERSEDED LICENCE (if any) |                                                                                                  |
| <b>TESCİLLİ TİCARİ MARKASI</b><br>REGISTERED TRADE MARK                                 | MIT+Şekil ibareli                                                                                |
| <b>İLGİLİ TÜRK STANDARDI</b><br>RELATED TURKISH STANDARD                                | TS 736 / 02.04.2015                                                                              |
| <b>BELGE KAPSAMI</b><br>SCOPE OF LICENCE                                                |                                                                                                  |

- Sıcak Su Hazırlayıcılar (Boyerler)
- Sınıf 1: Paralel akışlı,
  - Sınıf 3: Çapraz akışlı,
  - Tip 1: Tek cidarlı (serpantinli) (Föy 6),
  - Tip 2: Çift cidarlı (gömlekli) (Föy 1),
  - Tür 1: Sıcak su ile ısıtılan,
  - Tür 3: Buhar (alçak basınçlı) ile ısıtılan,
  - Çeşit: Sabit kapaklı, çift cidarlı sıcak su hazırlayıcı (Föy 1),
  - Biçim 1: Yatay konumda kullanılanlar (Föy 1),
  - Biçim 2: Düşey konumda kullanılanlar (Föy 6),
  - Korozyona Karşı Koruma: "G" (katodik korumalı emaye).

e-imzalı/e-signed

02.03.2022

Belgelendirme Merkezi Başkanı Adına  
VOLKAN GÜLEÇ  
MAKİNA SEKTÖRÜ MÜDÜRÜ

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## TÜRK STANDARDLARI ENSTİTÜSÜ



## HİZMET YETERLİLİK BELGESİ

|                              |                                                                                                  |
|------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Belge No</b>              | :34-HYB-4258                                                                                     |
| <b>İlk Veriliş Tarihi</b>    | :5.05.2010                                                                                       |
| <b>Son Geçerlilik Tarihi</b> | :6.05.2023                                                                                       |
| <b>Firmanın Adı</b>          | :EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN.VE TİC.LTD.ŞTİ.                                             |
| <b>Firmanın Adresi</b>       | :DUDULLU OSB MAH. DES SANAYİ SİTESİ B 14 BLOK 107. SOK. No: 2-4-6-8 ÜMRANIYE<br>İSTANBUL/TÜRKİYE |
| <b>Hizmet Yeri Adresi</b>    | :DUDULLU OSB MAH. DES-107 SK. NO:2 ÜMRANIYE<br>İSTANBUL/TÜRKİYE                                  |
| <b>Sicil No</b>              | :568931                                                                                          |

## Verilen Hizmetin Kapsamı

1. TS 12676 (10.04.2013) YETKİLİ SERVİSLER - KAZANLAR VE ISI DEĞİŞTİRİCİLER (EŞANJÖRLER) İÇİN - KURALLAR STANDARTINA UYGUN HİZMET VEREN

\* EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SANAYİ VE TİCARET LTD. ŞTİ. YETKİLİ SERVİSİ (1106404) (06.05.2016) (MIT) MARKALI

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*e-imzalı/e-signed*

10.05.2022

**METİN İNAL**

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TSE Kalite Kampüsü Cumhuriyet Mah. 2258 Sk. No:10 A-Blok, Çayırova Tren İstasyonu Yanı Gebze-KOCAELİ Telefon: 262 7231313 Faks: 262 7231616

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**KRİTERE UYGUNLUK BELGESİ**  
**TURKISH STANDARDS INSTITUTION**  
**CERTIFICATE OF CONFORMANCE TO CRITERIA**

Markanın Tanımı Description of the Mark

**TSEK** veya / or **Т-С-Е-К**

|                                                                       |                                                                                          |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <b>BELGE NUMARASI</b><br>REFERENCE NUMBER OF LICENCE                  | 011181-TSEK-03/01                                                                        |
| <b>BELGENİN İLK VERİLİŞ TARİHİ</b><br>DATE OF FIRST ISSUE OF LICENCE  | 02.03.2022                                                                               |
| <b>BELGENİN SON GEÇERLİLİK TARİHİ</b><br>LICENCE VALID UNTIL          | 02.03.2023                                                                               |
| <b>BELGE SAHİBİ KURULUŞUN ADI</b><br>NAME OF THE LICENCE HOLDER       | EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN.VE TİC.LTD.ŞTİ.                                      |
| <b>BELGE SAHİBİ KURULUŞUN ADRESİ</b><br>ADDRESS OF THE LICENCE HOLDER | DUDULLU OSB MAH. DES SANAYİ SİTESİ B 14 BLOK 107. SOK. NO: 2<br>-4-6-8 ÜMRANIYE İSTANBUL |
| <b>ÜRETİM YERİ ADI</b><br>NAME OF THE MANUFACTURING PLACE             | EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN.VE TİC.LTD.ŞTİ                                       |
| <b>ÜRETİM YERİ ADRESİ</b><br>ADDRESS OF THE MANUFACTURING PLACE       | DUDULLU OSB MAH. DES SANAYİ SİTESİ B 14 BLOK 107. SOK. NO: 2<br>-4-6-8 ÜMRANIYE İSTANBUL |
| <b>TESCİLLİ TİCARİ MARKASI</b><br>REGISTERED TRADE MARK               | mit şekil                                                                                |
| <b>İLGİLİ BELGELENDİRME KRİTERİ</b><br>RELATED TURKISH STANDARD       | ÜBM-00-BK-000 / 24.08.2010                                                               |
| <b>BELGE KAPSAMI</b><br>SCOPE OF LICENCE                              |                                                                                          |

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MIT-TT MODEL, 120 °C MAX. SICAKLIK, TORTU AYIRICI  
MIT-HA MODEL, 120 °C MAX. SICAKLIK, HAVA AYIRICI  
MIT-PHA MODEL, 120 °C MAX. SICAKLIK, AKUPLE (TORTU VE HAVA) AYIRICI

e-imzalı/e-signed

02/03/2022

Belgelendirme Merkezi Başkanı Adına  
AKDOĞAN BULUT

TSE İSTANBUL BELGELENDİRME MÜDÜRÜ V.

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1 / 1



Markanın Tanımı Description of the Mark  
TSE veya/or  veya/or T S E

|                                                                                         |                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>BELGE NUMARASI</b><br>REFERENCE NUMBER OF LICENCE                                    | 011181-TSE-06/01                                                                                                                                                                                                                                                                                                                                                         |
| <b>BELGENİN İLK VERİLİŞ TARİHİ</b><br>DATE OF FIRST ISSUE OF LICENCE                    | 09.06.2022                                                                                                                                                                                                                                                                                                                                                               |
| <b>BELGENİN SON GEÇERLİLİK TARİHİ</b><br>LICENCE VALID UNTIL                            | 09.06.2023                                                                                                                                                                                                                                                                                                                                                               |
| <b>BELGE SAHİBİ KURULUŞUN ADI</b><br>NAME OF THE LICENCE HOLDER                         | EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN.VE<br>TİC.LTD.ŞTİ.                                                                                                                                                                                                                                                                                                                   |
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| <b>ÜRETİM YERİ ADI</b><br>NAME OF THE MANUFACTURING PLACE                               | EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN.VE TİC.LTD.ŞTİ                                                                                                                                                                                                                                                                                                                       |
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| <b>İPTAL EDİLEN BELGE NUMARASI (Varsa)</b><br>INDICATION OF SUPERSEDED LICENCE (if any) |                                                                                                                                                                                                                                                                                                                                                                          |
| <b>TESCİLLİ TİCARİ MARKASI</b><br>REGISTERED TRADE MARK                                 | mit şekil                                                                                                                                                                                                                                                                                                                                                                |
| <b>İLGİLİ TÜRK STANDARDI</b><br>RELATED TURKISH STANDARD                                | TS 1996 / 28.04.1975                                                                                                                                                                                                                                                                                                                                                     |
| <b>BELGE KAPSAMI</b><br>SCOPE OF LICENCE                                                | <ul style="list-style-type: none"><li>•EŞANJÖRLER-ISITMA TESİSLERİ İÇİN</li><li>-TERS AKIMLI-U TİPİ BORULU, DEĞİŞEBİLİR BORU DEMETLİ, BUHARLA ÇALIŞAN, BEU TİPİ SICAKLIĞI 200°C, ANMA ÇALIŞMA BASINCI 10 Kg/cm2 OLAN</li><li>-TERS AKIMLI-I TİPİ BORULU, SABİT BORU DEMETLİ, SICAK SUYLA ÇALIŞAN, BEM TİPİ SICAKLIĞI 95°C, ANMA ÇALIŞMA BASINCI 10 Kg/cm2 OLAN</li></ul> |

*e-imzalı/e-signed*

09.06.2022

Belgelendirme Merkezi Başkanı Adına  
MERİÇ KARACAN

TSE İSTANBUL BELGELENDİRME MÜDÜRÜ

\*Bu belge, belgelendirilen ürünün, üretim yerinin Enstitümüzün belirlediği şartları karşıladığını da gösterir.  
\*Bu belge, hiç bir suretle tahrif edilemez, kısmen veya okunmasını zorlaştıracak şekilde çoğaltılamaz, kazınılı ve silinti yapılamaz.  
\*TSE İSTANBUL BELGELENDİRME MÜDÜRLÜĞÜ \* Adres: Çayirova Tren İstasyonu Yanı ÇAYIROVA/GEBZE \* Telefon: 2627231273\* Faks: 2627231606  
\*TSE BELGELENDİRME MERKEZ BAŞKANLIĞI; Adres: Necatibey Cad. No:112 06100 Bakanlıklar/ANKARA – Telefon: 0 312 416 64 81 / 416 64 27, Faks:0 312 416 66 17 E-posta  
:bmb@tse.org.tr , web : www.tse.org.tr

<https://evrakkontrol.tse.org.tr/BelgeDogrulama.aspx?p=v13vowqb> adresinden belgenin doğruluğunu ve geçerliliğini sorgulayınız.



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**ÜRETİM SÜRECİNİN KALİTE GÜVENCESİNE DAYANAN TİPE UYGUNLUK**  
**CONFORMITY TO TYPE BASED ON QUALITY ASSURANCE OF THE PRODUCTION PROCESS**

Holder Of Certificate  
(Sertifika Sahibi)

EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.

Company Address  
(Firma Adresi) :

DES SAN. SİT. 107 SOK. B14 BLOK NO:2  
ÜMRANIYE / İSTANBUL / TÜRKİYE

Trade Mark (Ticari Marka)

MIT

Product Type & Description  
(Ürün tipi ve tanımı)

Kapalı Genleşme Tankı / Closed Expansion Vessel

Modeller (Models)

Eklî Liste / They have shown in the attached list

EU Type Examination Certificate No  
(AB Tip Onay Sertifika No)

565-C01-00-TR-PED-14-092

The carried out quality system of the company, whose information given above, has evaluated according to the 2014/68/EU Pressure Equipment Directive Annex III Module D Conformity to Type Based On Quality Assurance of the Production Process and it was seen that technical documentation is suitable for the harmonised standard(s). / Yukarıda bilgileri verilmiş olan Kuruluşun uygulamış olduğu Kalite Sistemi incelenmesi 2014/68/AB Basıncılı Ekipmanlar Yönetmeliğinin Ek III Modul D Üretim Sürecinin Kalite Güvencesine Dayanan Tipe Uygunluk bölümü kapsamında değerlendirilmiş ve Teknik Dokümanların Uyumlaştırılmış Standart şartlarına uygun olduğu tespit edilmiştir.

Thanks to this certificate, the company is authorised to affix CE mark as shown above to the products listed above in the scope of the evaluated quality system of the company. TCS has right to evaluate the company by the planned/unplanned surveillance audits / Bu Sertifika ile kuruluş, değerlendirilmesi yapılan kalite sistemi kapsamında CE işaretini yukarıda belirtilen ürünlerine yukarıda belirtilen şekilde ilişirmeye yetkilendirilmiştir. TCS planlı/plansız gözetimler yaparak kuruluşu değerlendirme hakkına sahiptir.

Sertifika No / Certificate No C-PED-2022-2146-01 Yer / Place İSTANBUL

Rapor Numarası / Report No R-01-2022-2146

Sertifika İlk Basım Tarihi  
Certificate First Issu Date

29.06.2022

Sertifika Son Basım Tarihi  
Certificate Last Issu Date

29.06.2022

Belgelendirme Periyodu  
Certification Period

3 yıl

Sertifika Geçerlilik Tarihi Certificate  
Expiry Date

28.06.2023

APPROVAL / ONAY

General Manager / Genel Müdür

Manufacturer will inform TCS International Certification about every modification that can affect safety of equipments / İmalatçı TCS Uluslararası Belgelendirme'ye üründe yapacağı güvenliğe etki edebilecek tüm değişiklikleri bildirecektir.

FRM-U-033 (03.03.2017/01)

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# CERTIFICATE

Internal Production Control  
Plus supervised pressure equipment checks at random intervals  
according to directive 2014/68/EU Annex III Module A2

Certificate No.: 2354/202/C/00660/21/PE/000(00)

Name and address of bearer/  
manufacturer:

Ekin Endüstriyel Isıtma Soğutma San. Tic. Ltd. Şti.

Dudullu Organize Sanayi Bölgesi Des Sanayi Sitesi 107  
Sk. B14 Blok No: 2

We hereby certify that the internal production control plus supervised pressure equipment checks at random intervals mentioned below fulfill the requirements of directive 2014/68/EU

Tested according to directive  
2014/68/EU:

Internal production control plus supervised pressure  
equipment checks at random intervals (module A2)

Test report No.:

2354/202/R/00660/21/PE/000(00)

Description of type  
(pressure equipment):

MIT - Tube Heat Exchanger

Please See Annex - I

Place of manufacture:

Dudullu Organize Sanayi Bölgesi Des Sanayi Sitesi 107  
Sk. B14 Blok No: 2

Valid until:

10.12.2024

Istanbul, 15.12.2021



PED-2354-2100563



Certifier for Pressure Equipment of TÜV  
Teknik Kontrol ve Belgelendirme A.Ş.

A. Can GÜÇGÖRMEZ

Notified Body, 2354





*Certificate of Registration*  
**CERTIFICATE OF CONFORMITY**  
TECHNICAL FILE-TEKNİK DOSYA UYGUNLUK SERTİFİKASI  
**Certificate No: PC-1059**

**CE**

to the Manufacturer / aşağıdaki üretici için:

**EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC.LTD.ŞTİ.**  
Atatürk Cad. DES Sanayi Sitesi 107. Sk. B 14 Blok No:2A 4 Ümraniye/İstanbul/TÜRKİYE

Product and designation of type / Ürün ve belirtilen tipleri:  
**Balance Tanks/Denge Tankları / MIT Branded/MIT Markalı**

**BALANCE TANK/DENGE KABI** - DK25 (0-25 KW), DK32 (25-43 KW), DK40 (43-50 KW),DK50 (50-108 KW), DK65 (108-130 KW), DK80 (130-261 KW), DK100 (261-395 KW), DK125 (395-900 KW), DK150 (900-1750 KW), DK200 (1750-3500 KW), DK250 (3500-5000 KW), DK300 (5000-5500 KW), DK350 (5500-6500 KW), DK400 (6500-8000 KW), DK500 (8000-10000 KW), DK1000 (10000-16000 KW)

**PACKET BALANCE TANK / PAKET DENGE KABI** - PDK25 (0-25 KW), PDK32 (25-43 KW), PDK40 (43-50 KW), PDK50 (50-108 KW), PDK65 (108-130 KW), PDK80 (130-261 KW), PDK100 (261-395 KW), PDK125 (395-900 KW), PDK150 (900-1750 KW), PDK200 (1750-3500 KW), PDK250 (3500-5000 KW), PDK300 (5000-5500 KW), PDK350 (5500-6500 KW), PDK400 (6500-8000 KW), PDK500 (8000-10000 KW), PDK1000 (10000-16000 KW)

The products is covered by the following EU-Directive /  
Ürünler aşağıdaki yönetmelik kapsamındadır:  
2014/68/EU Pressure Equipment Directive (PED) / Basıncılı Ekipmanlar Yönetmeliği

Observing all EU-Directive referans for the product, the CE mark can be available  
on the products / Ürüne ait yönetmelikler referans alındığında ürünler üzerinde CE işareti kullanılabilir.

This certificate covers the above product. Does not cover all products produced,  
covers the above products / Bu sertifika yukarıdaki ürünleri kapsamaktadır.  
Üretilen tüm ürünleri kapsamaz, yukarıdaki ürünleri kapsar.

**Certificate Date / Sertifika Tarihi:**  
Date of Initial Registration / İlk Belgelendirme Kayıt Tarihi : 26.12.2015  
Date of Last Issue / Yayın Tarihi : 07.12.2021  
Date of Expiry / Geçerlilik Süresi Bitimi : 07.12.2022

  
Signed on behalf of Intersistemteknik Ltd. / İmza

**Intersistemteknik International Certification Co., Ltd.**  
Helis Beyaz Ofis-Yeşilbağlar Mh. Selvili Sk, No:2-2/16 Pendik/İstanbul/Türkiye  
www.belgelendirme.com.tr



**ÜRETİM SÜRECİNİN KALİTE GÜVENCESİNE DAYANAN TİPE UYGUNLUK**  
**CONFORMITY TO TYPE BASED ON QUALITY ASSURANCE OF THE PRODUCTION PROCESS**

**Holder Of Certificate (Sertifika Sahibi)** EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TIC. LTD. ŞTİ.  
**Company Address (Firma Adresi) :** DES SAN. SİT. 107 SOK. B14 BLOK NO:2  
ÜMRANİYE / İSTANBUL /TÜRKİYE

**Trade Mark (Ticari Marka)** MIT  
**Product Type & Description (Ürün tipi ve tanımı)** Kapalı Genleşme Tankı / Closed Expansion Vessel  
**Modeller (Models)** Ekli Liste / They have shown in the attached list  
**EU Type Examination Certificate No (AB Tip Onay Sertifika No)** 565-C01-00-TR-PED-14-092

The carried out quality system of the company, whose information given above, has evaluated according to the 2014/68/EU Pressure Equipment Directive Annex III Module D Conformity to Type Based On Quality Assurance of the Production Process and it was seen that technical documentation is suitable for the harmonised standard(s). / Yukarıda bilgileri verilmiş olan Kuruluşun uyguladığı Kalite Sistemi incelenmesi 2014/68/AB Basınçlı Ekipmanlar Yönetmeliğinin Ek III Modul D Üretim Sürecinin Kalite Güvencesine Dayanan Tipe Uygunluk bölümü kapsamında değerlendirilmiş ve Teknik Dokümanların Uyumlaştırılmış Standart şartlarına uygun olduğu tespit edilmiştir.

Thanks to this certificate, the company is authorised to affix CE mark as shown above to the products listed above in the scope of the evaluated quality system of the company. TCS has right to evaluate the company by the planned/unplanned surveillance audits / Bu Sertifika ile kuruluş, değerlendirilmesi yapılan kalite sistemi kapsamında CE işaretini yukarıda belirtilen ürünlerine yukarıda belirtilen şekilde ilişirmeye yetkilendirilmiştir. TCS planlı/plansız gözetimler yaparak kuruluşu değerlendirme hakkına sahiptir.

|                                                                 |                    |                                                                |            |
|-----------------------------------------------------------------|--------------------|----------------------------------------------------------------|------------|
| <b>Sertifika No / Certificate No</b>                            | C-PED-2022-2146-01 | <b>Yer / Place</b>                                             | İSTANBUL   |
| <b>Rapor Numarası / Report No</b>                               | R-01-2022-2146     |                                                                |            |
| <b>Sertifika İlk Basım Tarihi / Certificate First Issu Date</b> | 29.06.2022         | <b>Sertifika Son Basım Tarihi / Certificate Last Issu Date</b> | 29.06.2022 |
| <b>Belgelendirme Periyodu / Certification Period</b>            | 3 yıl              | <b>Sertifika Geçerlilik Tarihi / Certificate Expiry Date</b>   | 28.06.2023 |

APPROVAL / ONAY

  
General Manager / Genel Müdür

Manufacturer will inform TCS International Certification about every modification that can affect safety of equipments / İmalatçı TCS Uluslararası Belgelendirme'ye üründe yapacağı güvenliğe etki edebilecek tüm değişiklikleri bildirecektir.

FRM-U-033 (03.03.2017/01)

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# Certificate of Registration

## CE

**Manufacturer :**

**EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC.LTD.ŞTİ.**

**Address :**

ATATÜRK CAD. DES SANAYİ SİTESİ 107. SOK. B 14 BLOK NO:2A 4 ÜMRANİYE / İSTANBUL / TURKEY

**Product :**

INDUSTRIAL AND FOOD GRADE SYSTEMS

**Type(s) / Model(s) :**

HEAT STATIONS, INDUSTRIAL PROCESS SYSTEMS, DOSING SYSTEMS, SUBSTATIONS, THERMOREGULATORS, PASTEURIZERS, CIP AND HYGIENIC PROCESS SYSTEMS, HYGIENIC STORAGE AND PROCESS TANKS, HOMOGENIZERS, TURN-KEY PROJECTS

**Trade Mark :**

MIT

**Related Standart :**

EN ISO 12100:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008, EN 60204-1:2006, EN 60204-1:2006/A1:2009, EN 60204-1:2006/Corr.:2010, EN 61000-3-2:2014, EN 61000-3-3:2013

**Product Image(s) :**



**Test Report(s) / Report(s) :**

ASTOR MAYER LABORATORY, LVD-170428-11-1, 01.05.2017

**Directive(s) / Class :**

2006/42/EC Machinery Directive (MD), 2014/35/EU Low Voltage Directive (LVD), 2014/30/EU Electromagnetic Compatibility Directive (EMC).

This certificate with the referred technical file(s) is reviewed and attested with presumption of compliance with the essential requirements listed EU Directive(s) above. Other relative directive must be applied.

This attestation does not abrogate the compulsory obligation of the manufacturer to issue the declaration of conformity.

This certificate does not remove the responsibility in national / international trade of the company's for product safety, labeling etc.

**Certificate No** : TR-MAK-1749  
**Certificate Date** : 12.07.2017  
**Issue Date** : 28.07.2021  
**Expiry Date** : 28.07.2022



APPROVAL

Istanbul, 28.07.2021

ISO/IEC 17020:2012 Type A Accredited Body No:AB-0413-M

**ISQ International Certification Co., Ltd.**

YapıBoğlar Mh. Selviülül St. Heliş Boyuz Ofis B Blok K:5 B:316 Pendik / İstanbul / Turkey  
www.isqcertification.com.tr



# SZUTEST

CE  
2195

## EU DECLARATION OF CONFORMITY TO TYPE AB TİPE UYGUNLUK BEYANI

according to 2016/426/EU Gas Appliances Regulation Annex III.3 Quality Assurance of the Production Process  
2016/426/AB Gaz Yakıcı Cihazlara Dair Yönetmelik EK III.3 Üretim Kalite Güvencesi'ne göre ( MODÜL D )

Number: **2195-GAR-1935201**  
Numara:

Owner of Certificate: **EKİN ENDÜSTRİYEL ISITMA VE SOĞUTMA SAN. VE TİC. LTD. ŞTİ.**  
Sertifika Sahibi: **Dudullu OSB Mah. DES-107 Sok. No:2 ÜMRANIYE / İSTANBUL**

Manufacturer: **EKİN ENDÜSTRİYEL ISITMA VE SOĞUTMA SAN. VE TİC. LTD. ŞTİ.**  
Üretici: **Dudullu OSB Mah. DES-107 Sok. No:2 ÜMRANIYE / İSTANBUL**

Products: **GAS FIRED HOT WATER BOILERS**  
Ürünler: **GAZ YAKITLI SICAK SU KAZANLARI**

Trademark/s: **MIT**  
Ticari Marka/lar:

Type/Model: **B23 / TWG Series**  
Tip/Model: **B23 / TWG Serisi**

Base of Certificate: **Report No. GARD-819016-01-DR-01 dated 16-12-2019**  
Sertifika Dayanağı: **16-12-2019 tarihli Rapor No. GARD-819016-01-DR-01**

Expiry Date: **17.12.2022**  
Geçerlilik Tarihi:

Szutest Uygunluk Değerlendirme A.Ş. hereby confirms that the manufacturer of the above mentioned products, has determined and applied the quality system, that satisfies the requirements of Regulation 2016/426/EU of The European Parliament and of the Council of 09 March 2016 relating to appliances burning gaseous fuels Annex III.3 Conformity to Type Based on Quality Assurance of the Production Process. Through this EU Certificate, manufacturer shall affix CE mark with identification number 2195 exclusively to products that fulfill requirements of the directive.

Szutest Uygunluk Değerlendirme A.Ş., yukarıda bahsi geçen üreticinin, Avrupa Parlamentosu ve Konseyi 09 Mart 2016 tarihli 2016/426/AB Gaz Yakıcı Cihazlara Dair Yönetmelik EK-III.3 Tıpe Uygunluk (Üretim Kalite Güvencesi) gerekliliklerini yerine getiren bir kalite sistemi tanımladığını ve uyguladığını onaylar. Bu AT sertifikası ile üretici, CE işareti ve 2195 onaylanmış kuruluş tanıtıcı numarasını, sadece yukarıda belirtilen direktifin gerekliliklerine tam uygun olan ürünlerine ilâştirebilir.

Istanbul, 18-12-2019



**RUKİYE BALKAN**  
Genel Müdür Yardımcısı  
Deputy General Manager

FR-GAR-11 R-01

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**SZUTEST UYGUNLUK DEĞERLENDİRME A.Ş.**  
Tatlısu Mahallesi, Akif İnan Sk. No:1 Ümraniye 34774 İSTANBUL / TÜRKİYE

[Szutest.com.tr](http://Szutest.com.tr)

*Certificate of Registration*  
**CERTIFICATE OF CONFORMITY**

TECHNICAL FILE-TEKNİK DOSYA UYGUNLUK SERTİFİKASI

**Certificate No: PC-1066**



to the Manufacturer / aşağıdaki üretici için:

**EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC.LTD.ŞTİ.**  
Atatürk Cad. DES Sanayi Sitesi 107. Sokak B 14 Blok No:2A 4 Ümraniye / İstanbul / TURKEY

Product and designation of type / Ürün ve belirtilen tipleri:

**Air Seperator/Hava Ayırıcı / MIT Branded/MIT Markalı**

HA20, HA25, HA32, HA40, HA50, HA65, HA80, HA100, HA125, HA150,  
HA200, HA250, HA300, HA350, HA400

The products is covered by the following EU-Directive /

*Ürünler aşağıdaki yönetmelik kapsamındadır.*

**2014/68/EU Pressure Equipment Directive (PED)**

Observing all EU-Directive referans for the product, the CE mark can be available on the products /  
*Ürüne ait yönetmelikler referans alındığında ürünler üzerinde CE işareti kullanılabilir.*

This certificate covers the above product.. Does not cover all products produced,  
covers the above products / *Bu sertifika yukarıdaki ürünleri kapsamaktadır.*  
*Üretilen tüm ürünleri kapsamaz, yukarıdaki ürünleri kapsar.*

**Certificate Date / Sertifika Tarihi:**

Date of Initial Registration / İlk Belgelendirme Kayıt Tarihi : November 26, 2015 / 26 Kasım 2015  
Date of Last Issue / Yayın Tarihi : March 21, 2022 / 21 Mart 2022  
Date of Expiry / Geçerlilik Süresi Bitimi : March 21, 2023 / 21 Mart 2023

Signed on behalf of Intersistemteknik Ltd. / İmza

**ISQ, Intersistem Technic International Inspection Co., Ltd.**  
Yeşilbağlar Ma. Selvili Sk. Helis Beyaz Ofis B Blok K:3 B:316 Pendik/İstanbul / Turkey  
www.belgelendirme.com.tr





# S E R T İ F İ K A

## ALÇAK GERİLİM YÖNETMELİĞİ UYGUNLUK BEYANI ONAY SERTİFİKASI

Aşağıda adı geçen firmanın teknik dosyası incelenmiş denetimi başarıyla tamamlanmıştır.  
Bu işlemler için 2014/35/AB Belirli Gerilim Sınırları Dahilinde Kullanılmak Üzere Tasarlanmış  
Elektrikli Teçhizat İle İlgili Yönetmelik referans alınmıştır.

|                              |                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firmanın Adı                 | : Ekin Endüstriyel Isıtma Soğutma San. Ltd. Şti.                                                                                                                                                                                                                                                                                                                              |
| Firmanın Adresi              | : B14 Blok No., Hoca Hanım Sk. (107. Sk. DES Organize Sanayi Sitesi) No:2,<br>34775 Ümraniye İSTANBUL / TÜRKİYE                                                                                                                                                                                                                                                               |
| İlgili Direktifler ve Ekleri | : 2014/35/AB Belirli Gerilim Sınırları Dahilinde Kullanılmak Üzere<br>Tasarlanmış Elektrikli Teçhizat İle İlgili Yönetmelik                                                                                                                                                                                                                                                   |
| İlgili Standardlar           | : TS EN 60204-1                                                                                                                                                                                                                                                                                                                                                               |
| Ürün Adı                     | : Santrifüj Blower                                                                                                                                                                                                                                                                                                                                                            |
| Rapor No ve Tarih            | : ULVD-193(09-21) / 23.09.2021                                                                                                                                                                                                                                                                                                                                                |
| Ürün Marka/Model/Tip         | : MIT / B8CC-275, B1TT-102, B2TT-104, B2CC-207, B3TT-105, B3TT-107,<br>B4TT-107, B4TT-108, B4TT-113, B4CC-216, B4CC-222, B5TT-116, B5TT-122,<br>B5CC-230, B5CC-240, B6TT-122, B6TT-130, B7TT-122, B7TT-130, B7TT-140,<br>B7TC-130, B7TC-140, B7CC-222, B7CC-230, B7CC-243, B7CC-255,<br>B7CC-275, B8TT-155, B8TT-175, B8TC-175, B8CC-2110, B9TT-1250,<br>B9TT-1850, B9CC-2225 |
| Sertifika Numarası           | : M.2021.103.14851                                                                                                                                                                                                                                                                                                                                                            |
| Belgelendirme Denetim Tarihi | : 23.09.2021                                                                                                                                                                                                                                                                                                                                                                  |
| Tescil Tarihi                | : 24.09.2021                                                                                                                                                                                                                                                                                                                                                                  |
| Yeniden Basım Tarihi/No      | : -                                                                                                                                                                                                                                                                                                                                                                           |
| Geçerlilik Tarihi            | : 23.09.2022                                                                                                                                                                                                                                                                                                                                                                  |



Bu belgenin geçerliğini [www.udem.com.tr](http://www.udem.com.tr) internet sayfasından kontrol edebilirsiniz. Sağ tarafta gösterilen CE işareti ilgili AT uygunluk beyanını tamamlanmasıyla sadece üreticinin sorumluluğunda kullanılabilir. Bu belge sadece yukarıda belirtilen ürün/ürünleri kapsamakta olup üründe/ürünlerde herhangi bir değişiklik olması durumunda UDEM haberdar edilmelidir. Bu belgenin mülkiyet hakkı UDEM Uluslararası Belgelendirme Denetim Eğitim Merkezi Sanayi ve Ticaret Anonim Şirketi'ne aittir ve istenildiğinde iade edilmelidir. Yukarıda adı geçen firma ve UDEM bu belgenin bir kopyasını tescil tarihinden itibaren 15 yıl süreyle muhafaza etmektedir.

Adres: Mutfukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya – Ankara – TÜRKİYE  
Tel: +90 312 443 03 90 Faks: +90 312 443 03 76  
E-posta: [info@udem.com.tr](mailto:info@udem.com.tr) [www.udem.com.tr](http://www.udem.com.tr)



# Certificate of Registration

## CE

### İÇ ÜRETİM KONTROLÜ (MODUL A) INTERNAL PRODUCTION CONTROL (MODULE A)

|                                                                 |                                                                                                                                                                                         |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Holder Of Certificate<br/>(Sertifika Sahibi)</b>             | EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TIC. LTD. ŞTİ.                                                                                                                                  |
| <b>Manufacturer (Üretici)</b>                                   | EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TIC. LTD. ŞTİ.                                                                                                                                  |
| <b>Production Address<br/>(Üretim Adresi)</b>                   | Esenkent Mah. Dessan San. Sit. 107. Sok. Atatürk C,B 14 Blok 2A4<br>Ümraniye / İSTANBUL / TÜRKİYE                                                                                       |
| <b>Trade Mark (Ticari Marka)</b>                                | MIT                                                                                                                                                                                     |
| <b>Product Type &amp; Description<br/>(Ürün tipi ve tanımı)</b> | HAVA TÜPÜ / AIR CYLINDER                                                                                                                                                                |
| <b>Modeller (Models)</b>                                        | MHT 1,5 (10-16 Bar), MHT 3 (10-16 Bar), MHT 5 (10-16 Bar),<br>MHT 10 (10-16 Bar), MHT 15 (10-16 Bar), MHT 20 (10-16 Bar),<br>MHT 30 (10-16 Bar), MHT 40 (10-16 Bar), MHT 50 (10-16 Bar) |

The carried out final assessment of the company, whose information given above, has evaluated according to the 2014/68/EU Pressure Equipment Directive Annex III Module A Internal Production Control and it was seen that technical documentation is suitable for the harmonised standard(s). / Yukarıda bilgileri verilmiş olan Kuruluşun uyguladığı Son Değerlendirme incelenmesi 2014/68/AB Basınçlı Ekipmanlar Yönetmeliğinin Ek III Modul A İç Üretim Kontrolü bölümü kapsamında değerlendirilmiş ve Teknik Dokümanların Uyulaştırılmış Standart şartlarına uygun olduğu tespit edilmiştir.

Thanks to this certificate, the company is authorised to affix CE mark as shown above to the products listed above in the scope of the evaluated final assessment of the company. ISQ has right to evaluate the company by the planned/unplanned surveillance audits / Bu Sertifika ile kuruluş, değerlendirilmesi yapılan son değerlendirme kapsamında CE işaretini yukarıda belirtilen ürünlerine yukarıda belirtilen şekilde iştirimeye yetkilendirilmiştir. ISQ planlı/plansız gözetimler yaparak kuruluşu değerlendirme hakkına sahiptir.

|                                                           |                 |                                                          |            |
|-----------------------------------------------------------|-----------------|----------------------------------------------------------|------------|
| Sertifika No / Certificate No                             | TR-PED-107-2021 | Yer / Place                                              | İSTANBUL   |
| Sertifika İlk Basım Tarihi<br>Certificate First Issu Date | 12.06.2020      | Sertifika Son Basım Tarihi<br>Certificate Last Issu Date | 28.07.2021 |
| Belgelendirme Periyodu<br>Certification Period            | 1 yıl/year      | Sertifika Geçerlilik Tarihi<br>Certificate Expiry Date   | 28.07.2022 |



**ISQ**  
Certification Body



APPROVAL / ONAY  
General Manager / Genel Müdür



İSQA SİSTEM YETKİLİ SERTİFİKASYON VE İZLEME  
2007

Manufacturer will inform ISQ International Certification about every modification that can affect safety of equipments / İmalatçı ISQ Uluslararası Belgelendirme'ye üründe yapacağı güvenliğe etki edebilecek tüm değişiklikleri bildirecektir.

ISQ International Certification Co., Ltd.  
Yeşilbağlar Mah. Selvili Sk. Hicriye Beyaz Otis B Blok K:3 B:316 Pendik / İstanbul / Turkey  
www.begelendirme.com.tr

FR-EN-020-03-03-2017-011

# Certificate of Registration

# CE

**Manufacturer :**  
**EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC.LTD.ŞTİ.**

**Address :**  
**ATATÜRK CAD. DES SANAYİ SİTESİ 107. SOK. B 14 BLOK NO:2A 4 ÜMRANIYE / İSTANBUL / TURKEY**

**Product :**  
**LOBE PUMP**

**Branded:**  
**MIT**

**Type :**  
**MLP 20, MLP 23, MLP 25, MLP 30, MLP 36, MLP 55, MLP 60, MLP 70, MLP 80, MLP 100, MLP 120**

**Related Standart :**  
**EN ISO 12100:2010(TS EN 12100:2014), EN 60204-1:2018, EN 60335-1:2012, EN 292-1, EN 292-2, EN 294, EN 349**

**Directive(s) :**  
**2006/42/EC Machine Safety Directive, 2014/35/EU Low Voltage Directive.**

This certificate with the referred technical file(s) is reviewed and attested with presumption of compliance with the essential requirements listed EU Directive(s) above. Other relative directive must be applied.  
This attestation does not abrogate the compulsory obligation of the manufacturer to issue the declaration of conformity.  
This certificate does not remove the responsibility in national / international trade of the company's for product safety, labeling etc.

**Certificate No** : TR-MAK-1771  
**Certificate Date** : 03.01.2022  
**Issue Date** : 03.01.2022  
**Certification Period** : 1 YEAR  
**Expiry Date** : 03.01.2023

  
APPROVAL  
3.01.2022

**ISQ International Certification Co., Ltd.**  
Yeşilbağlar Mh. Selvili Sk. No:2-2/16 Pendik / İstanbul / Turkey  
www.belgelendirme.com.tr





*Certificate of Registration*  
**CERTIFICATE OF CONFORMITY**  
TECHNICAL FILE-TEKNİK DOSYA UYGUNLUK SERTİFİKASI  
**Certificate No: PC-1067**

**CE**

to the Manufacturer / aşağıdaki üretici için:

**EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC.LTD.ŞTİ.**  
Atatürk Cad. DES Sanayi Sitesi 107. Sokak B 14 Blok No:2A 4 Ümraniye / İstanbul / TURKEY

Product and designation of type / Ürün ve belirtilen tipleri:  
Sediment Separator/Tortu Ayırıcı / MIT Branded/MIT Markalı

TA20, TA25, TA32, TA40, TA50, TA65, TA80, TA100, TA125, TA150,  
TA200, TA250, TA300, TA350, TA400

The products is covered by the following EU-Directive /  
Ürünler aşağıdaki yönetmelik kapsamındadır:  
2014/68/EU Pressure Equipment Directive (PED)

Observing all EU-Directive referans for the product, the CE mark can be available on the products/  
Ürüne ait yönetmelikler referans alındığında ürünler üzerinde CE işareti kullanılabilir.

This certificate covers the above product.. Does not cover all products produced,  
covers the above products / Bu sertifika yukarıdaki ürünleri kapsamaktadır.  
Üretilen tüm ürünleri kapsamaz, yukarıdaki ürünleri kapsar.

**Certificate Date / Sertifika Tarihi:**

|                                                               |                                     |
|---------------------------------------------------------------|-------------------------------------|
| Date of Initial Registration / İlk Belgelendirme Kayıt Tarihi | : November 26, 2015 / 26 Kasım 2015 |
| Date of Last Issue / Yayın Tarihi                             | : March 21, 2022 / 21 Mart 2022     |
| Date of Expiry / Geçerlilik Süresi Bitimi                     | : March 21, 2023 / 21 Mart 2023     |

  
Signed on behalf of Intersistemteknik Ltd. / İmza

  
**ISQ**  
Certification Body

**ISQ, Intersistem Technic International Inspection Co., Ltd.**  
Yeşilbağlar Mh. Selvili Sok. Heliş Beyaz Ofis B Blok K:3 B:316 Pendik/ İstanbul / Turkey  
www.belgelendirme.com.tr

## Certificate of Registration

# CE

**Manufacturer :**  
**EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC.LTD.ŞTİ.**

**Address :**  
**ATATÜRK CAD. DES SANAYİ SİTESİ 107. SOK. B 14 BLOK NO:2A 4 ÜMRANİYE / İSTANBUL / TURKEY**

**Product :**  
COOLING TOWER

**Branded:**  
MIT

**Type :**  
MIT-SK 13, MIT-SK 15, MIT-SK 17, MIT-SK 19, MIT-SK 21, MIT-SK 23, MIT-SK 25, MIT-SK 27, MIT-SK 29, MIT-SK 31, MIT-SK 33, MIT-SK 35, MIT-SK 37

**Related Standart :**  
EN ISO 12100:2010(TS EN 12100:2014), EN 60204-1:2018, EN 60335-1:2012, TS EN 378-1+A1:2021, TS EN 378-2:2017, TS EN 378-3+A1:2021, TS, EN 12263:2001, TS EN 14276-1:2020, TS EN 14276-1:2020

**Directive(s) :**  
2006/42/EC Machine Safety Directive, 2014/35/EU Low Voltage Directive.

This certificate with the referred technical file(s) is reviewed and attested with presumption of compliance with the essential requirements listed EU Directive(s) above. Other relative directive must be applied.  
This attestation does not abrogate the compulsory obligation of the manufacturer to issue the declaration of conformity.  
This certificate does not remove the responsibility in national / international trade of the company's for product safety, labeling etc.

|                             |               |
|-----------------------------|---------------|
| <b>Certificate No</b>       | : TR-MAK-1796 |
| <b>Certificate Date</b>     | : 07.02.2022  |
| <b>Issue Date</b>           | : 07.02.2022  |
| <b>Certification Period</b> | : 1 YEAR      |
| <b>Expiry Date</b>          | : 07.02.2023  |



APPROVAL  
7.02.2022



**ISQ International Certification Co., Ltd.**  
Yeşilbağlar Mh. Selvihi Sk. No.2-2/16 Pendik / İstanbul / Turkey  
www.belgefendirme.com.tr

# Certificate of Registration

# CE

**Manufacturer :**  
**EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC.LTD.ŞTİ.**

**Address :**  
**ATATÜRK CAD. DES SANAYİ SİTESİ 107. SOK. B 14 BLOK NO:2A 4 ÜMRANİYE / İSTANBUL / TURKEY**

**Product :**  
**CENTRIFUGAL PUMP**

**Branded:**  
**MIT**

**Type :**  
**MP-03, MP-05, MP-10, MP-15, MP-20, MP-30, MP-35, MP-40**

**Related Standart :**  
EN ISO 12100:2010(TS EN 12100:2014) Safety of machinery - General principles for design - Risk assessment and risk reduction,  
EN 60204-1:2018 Safety of machinery – Electrical equipment of machines-Part 1: General requirements,  
EN 60335-1:2012 Household and similar electrical appliances – Safety - Part 1: General requirements,  
EN ISO 9908:1997 (TS EN ISO 9908:2001) Technical specifications for centrifugal pumps- Class III,

**Directive(s) :**  
2006/42/EC Machine Safety Directive, 2014/35/EU Low Voltage Directive.

This certificate with the referred technical file(s) is reviewed and attested with presumption of compliance with the essential requirements listed EU Directive(s) above. Other relative directive must be applied.  
This attestation does not abrogate the compulsory obligation of the manufacturer to issue the declaration of conformity.  
This certificate does not remove the responsibility in national / international trade of the company's for product safety, labeling etc.

**Certificate No** : TR-MAK-1762  
**Certificate Date** : 20.12.2021  
**Issue Date** : 20.12.2021  
**Certification Period** : 1 YEAR  
**Expiry Date** : 20.12.2022



APPROVAL  
20.12.2021

**ISQ International Certification Co., Ltd.**  
Yeşilbağlar Mh. Selvili Sk. No:2-2/16 Pendik / İstanbul / Turkey  
www.beigelendirme.com.tr



# Certificate of Registration

## CE

**Manufacturer :**  
**EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC.LTD.ŞTİ.**

**Address :**  
**ATATÜRK CAD. DES SANAYİ SİTESİ 107. SOK. B 14 BLOK NO:2A 4 ÜMRANIYE / İSTANBUL / TURKEY**

**Product :**  
GEAR PUMP

**Branded:**  
MIT

**Type :**  
FB-41, P-83, Ö-1, A-1, B-211, SO-211, ZNP-2, AKY-2, URZ-2, ZNP-212, AKY-212, TCK-3, SCR-3, ATK-4, ADK-4, DK-6, DCK-6, GP-83, GP-411, GP-1, GPK-211, GP-211, HLS-2, HLS-212, FNR-212, FNRT-212, HLS-3, HLSB-3, HLSBT-3, HLS-4, HLSB-4, HLSBT-4, HLSC-8, HLS-10

**Related Standart :**  
EN ISO 12100:2010(TS EN 12100:2014) Safety of machinery - General principles for design - Risk assessment and risk reduction,  
EN 60204-1:2018 Safety of machinery – Electrical equipment of machines-Part 1: General requirements,  
EN 60335-1:2012 Household and similar electrical appliances – Safety - Part 1: General requirements,  
EN ISO 13854:2019 Safety of machinery - Minimum gaps to avoid crushing of parts of the human body,  
EN ISO 13857:2019 Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs

**Directive(s) :**  
2006/42/EC Machine Safety Directive, 2014/35/EU Low Voltage Directive.

This certificate with the referred technical file(s) is reviewed and attested with presumption of compliance with the essential requirements listed EU Directive(s) above. Other relative directive must be applied.  
This attestation does not abrogate the compulsory obligation of the manufacturer to issue the declaration of conformity.  
This certificate does not remove the responsibility in national / international trade of the company's for product safety, labeling etc.

**Certificate No** : TR-MAK-1794  
**Certificate Date** : 18.04.2022  
**Issue Date** : 18.04.2022  
**Certification Period** : 1 YEAR  
**Expiry Date** : 18.04.2023



APPROVAL  
18.04.2022

**ISQ International Certification Co., Ltd.**  
Yeşilbağlar Mh. Selvili Sk. No.2-2/16 Pendik / İstanbul / Turkey  
www.belgelendirme.com.tr





# Certificate of Registration

## CE

### İÇ ÜRETİM KONTROLÜ (MODUL A)

#### INTERNAL PRODUCTION CONTROL (MODULE A)

|                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Holder Of Certificate<br/>(Sertifika Sahibi)</b>             | EKIN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Manufacturer (Üretici)</b>                                   | EKIN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Production Address<br/>(Üretim Adresi)</b>                   | Esenkent Mah. Dessan San. Sit. 107. Sok. Atatürk C,B 14 Blok 2A4<br>Ümraniye / İSTANBUL / TÜRKİYE                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Trade Mark (Ticari Marka)</b>                                | MIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Product Type &amp; Description<br/>(Ürün tipi ve tanımı)</b> | BUHAR SEPERATÖRÜ / STEAM SEPARATOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Modeller (Models)</b>                                        | MIT.B.S.D.DN40 (40 bar) MIT.B.S.Y.DN40 (40 bar)<br>MIT.B.S.D.DN50 (25 bar - 40 bar) MIT.B.S.Y.DN50 (25 bar - 40 bar)<br>MIT.B.S.D.DN65 (16 bar - 25 bar - 40 bar) MIT.B.S.Y.DN65 (16 bar - 25 bar - 40 bar)<br>MIT.B.S.D.DN80 (16 bar - 25 bar - 40 bar) MIT.B.S.Y.DN80 (16 bar - 25 bar - 40 bar)<br>MIT.B.S.D.DN100 (16 bar - 25 bar - 40 bar) MIT.B.S.Y.DN100 (16 bar - 25 bar - 40 bar)<br>MIT.B.S.D.DN125 (16 bar - 25 bar) MIT.B.S.Y.DN125 (16 bar - 25 bar)<br>MIT.B.S.D.DN150 (16 bar) MIT.B.S.Y.DN150 (16 bar)<br>MIT.B.S.D.DN200 (16 bar) MIT.B.S.Y.DN200 (16 bar) |

The carried out final assessment of the company, whose information given above, has evaluated according to the 2014/68/EU Pressure Equipment Directive Annex III Module A Internal Production Control and it was seen that technical documentation is suitable for the harmonised standard(s). / Yukarıda bilgileri verilmiş olan Kuruluşun uyguladığı olduğu Son Değerlendirme İncelenmesi 2014/68/AB Basıncılı Ekipmanlar Yönelmeliğinin Ek III Modul A İç Üretim Kontrolü bölümü kapsamında değerlendirilmiş ve Teknik Dokümanların Uyumuştırılmış Standart şartlarına uygun olduğu tespit edilmiştir.

Thanks to this certificate, the company is authorised to affix CE mark as shown above to the products listed above in the scope of the evaluated final assessment of the company. ISQ has right to evaluate the company by the planned/unplanned surveillance audits / Bu Sertifika ile kuruluş, değerlendirilmesi yapılan son değerlendirme kapsamında CE işaretini yukarıda belirtilen ürünlerine yukarıda belirtilen şekilde iştirmeye yetkilendirilmiştir. ISQ planlı/plansız gözetimler yaparak kuruluşu değerlendirme hakkına sahiptir.

Sertifika No / Certificate No: TR-PED-107-2038 Yer / Place: İSTANBUL

Sertifika İlk Basım Tarihi / Certificate First Issu Date: 15.12.2020 Sertifika Son Basım Tarihi / Certificate Last Issu Date: 19.01.2022

Belgelendirme Periyodu / Certification Period: 1 yıl/year Sertifika Geçerlilik Tarihi / Certificate Expiry Date: 19.01.2023



**ISQ**  
Certification Body



APPROVAL / ONAY  
General Manager / Genel Müdür



Manufacturer will inform ISQ International Certification about every modification that can affect safety of equipments / İmalatçı ISQ Uluslararası Belgelendirme'ye üründe yapacağı güvenliğe etki edebilecek tüm değişiklikleri bildirecektir.  
ISQ International Certification Co., Ltd.  
Yeşilbağlar Mh. Salıhlı Sk. Helis Beyaz Ofis B Blok K.3 B.316 Pendik / İstanbul / Turkey  
www.begelendirme.com.tr

FR-UR-029 (03.03.2017/01)

# Certificate of Registration

## CE

**Manufacturer :**  
**EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC.LTD.ŞTİ.**

**Address :**  
ATATÜRK CAD. DES SANAYİ SİTESİ 107. SOK. B 14 BLOK NO:2A 4 ÜMRANIYE / İSTANBUL / TURKEY

**Product :**  
NEUTRALIZATION UNIT

**Branded:**  
MIT

**Type :**  
- MIT NU EKO (350KW, 500KW, 750KW, 1000KW, 1500KW, 2000KW, 2500KW, 3000KW)  
- MIT NU PRO (350KW, 500KW, 750KW, 1000KW, 1500KW, 2000KW, 2500KW, 3000KW)

**Related Standart :**  
-

**Directive(s) / Class :**  
2001/95/EC GPSD General Product Safety Directive

This certificate with the referred technical file(s) is reviewed and attested with presumption of compliance with the essential requirements listed EU Directive(s) above. Other relative directive must be applied.  
This attestation does not abrogate the compulsory obligation of the manufacturer to issue the declaration of conformity.  
This certificate does not remove the responsibility in national / international trade of the company's for product safety, labeling etc.

**Certificate No** : TR-GPSD-1001  
**Certificate Date** : 18.01.2019  
**Issue Date** : 21.03.2022  
**Certification Period** : 1 YEAR  
**Expiry Date** : 21.03.2023

  
APPROVAL İstanbul, 21.03.2022

**ISQ International Certification Co., Ltd.**  
Yeniltepe Mh. Sıvıh Sk. Hürriyet Oba H Blok K.3 B.316 Pendik / İstanbul / Turkey  
www.belgetenime.com.tr





EC DECLARATION OF CONFORMITY  
AT UYGUNLUK BEYANI

**EKİN ENDÜSTRİYEL ISITMA-SOĞUTMA SAN.TİC.LTD.ŞTİ**

**ACCORDING TO THE REQUIREMENTS 2014/68/EU PRESSURE EQUIPMENT DIRECTIVE**  
2014/68/AB BASINÇLI EKİPMANLAR DİREKTİFİ GEREKLERİNE GÖRE

|                                          |                                                                                                          |
|------------------------------------------|----------------------------------------------------------------------------------------------------------|
| TRADE MARK<br>TİCARİ MARKA               | : MIT                                                                                                    |
| TRADE MARK OVNER<br>TİCARİ MARKA SAHİBİ  | : Ekin Endüstriyel Isıtma-Soğutma San.Tic. Ltd. Şti                                                      |
| PRODUCTION FACILITY<br>ÜRETİM TESİSİ     | : Dudullu Organize Sanayi Bölgesi Des Sanayi Sitesi 107 Sokak B14 Blok No:2<br>Ümraniye/İstanbul/TÜRKİYE |
| PRODUCT DESCRIPTION<br>ÜRÜN TANIMI       | : Steam and Air Separators<br>Buhar ve Hava Separatörleri                                                |
| TYPE/MODEL<br>TİP/MODEL                  | : Annex-1 Model List<br>Ek-1 Model List                                                                  |
| RELEVANT STANDARDS<br>İLGİLİ STANDARTLAR | : EN 13445 Unfired Pressure Vessels<br>EN 13445 Basınçlı Kaplar-Ateşle Temas Etmeyen                     |

As Ekin Endüstriyel Isıtma-Soğutma San. Tic. Ltd. Şti. we declare that our products defined above are manufactured in accordance with the 2014/68/EU Pressure Equipment Directive. This certificate is reviewed in case of changes in related products and related standards or in case of publication of newstandards and revisions are made when necessary.

*Ekin Endüstriyel Isıtma-Soğutma San.Tic.Ltd.Şti. olarak yukarıda tanımlanan ürünlerimizin 2014/68/EU Basınçlı Ekipmanlar Direktifine uygun olarak üretildiğini beyan ederiz. Bu sertifika, ilgili ürünlerde ve ilgili standartlarda değişiklik olması veya yeni standartların yayınlanması durumunda gözden geçirilir ve gerektiğinde revizyonlar yapılır.*

First Issue Date : 04.07.2022  
İlk Yayın Tarihi

General Manager/Genel Müdür  
Barbaros Gençer





## Certificates

Approval Number: 1802538  
Test Report: MA5919/T, MA5919/1/T & MA5919/2/T



25<sup>th</sup> May 2018

Wendel GmbH  
Email-und Glasurenfabrik,  
Am Gutenbahnhof 30,  
35683 Dillenburg,  
Germany

Water Regulations Advisory Scheme Ltd.  
Unit 13,  
Willow Road,  
Pen y Fan Industrial Estate,  
Crumlin,  
Gwent,  
NP11 4EG

**WATER REGULATIONS ADVISORY SCHEME LTD. (WRAS)**  
**MATERIAL APPROVAL**

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS6920-1:2000 and/or 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water'.

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

**COATINGS, PAINTS & LININGS - FACTORY APPLIED PIPE & FITTINGS COATINGS.**

**5030**

'VP 7080/2 & VP 2230/x'. Factory applied, blue coloured enamel coatings. Apply as per manufacturer's instructions '2505188010' dated 25.05.18. Cure for 8 minutes@860 °C. For use with water up to 60 °C.

This material is only approved for the curing conditions that appear on the approval. If the cure conditions are varied from those specified on the approval then the material is not covered by the scope of the approval.

**APPROVAL NUMBER: 1802538**

**APPROVAL HOLDER: WENDEL GMBH**

The Scheme reserves the right to review approval.  
Approval 1802538 is valid between February 2018 and February 2023

An entry, as above, will accordingly be included in the Water Fittings Directory on-line under the section headed, "Materials which have passed full tests of effect on water quality".

The Directory may be found at: [www.wras.co.uk/directory](http://www.wras.co.uk/directory)

Yours faithfully



Jason Furnival  
Approvals & Enquiries Manager  
Water Regulations Advisory Scheme

Sertifika No  
26

T.C.  
BAŞBAKANLIK  
DIŞ TİCARET MÜSTEŞARLIĞI  
ORTA ANADOLU İHRACATÇI BİRLİKLERİ  
GENEL SEKRETERLİĞİ

Sertifika Tarihi  
24.10.2013

**TU R QUM**<sup>®</sup>  
TURKISH QUALITY OF MACHINERY

# ÜRÜN UYGUNLUK SERTİFİKASI

ORTA ANADOLU İHRACATÇI BİRLİKLERİ GENEL SEKRETERLİĞİ  
bu sertifika ile

EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SANAYİ LİMİTED ŞİRKETİ

kuruluşunun üretmekte olduğu  
"Plakalı Isı Eşanjörleri"

model ürünlerin **TU R QUM**<sup>®</sup>

"Ürün Uygunluk Şartnamesi - İklimlendirme-Soğutma-Klima

şartlarına uygun olduğunu onaylar.



Yürütme Komitesi  
Başkanı

ÖZKAN AYDIN



Bu Belge, periyodik denetimler başarılı sonuçlandığı sürece geçerlidir.  
(Geçerlilik [www.turqum.com](http://www.turqum.com) adresinden takip edilebilir.)





# Certificate of Registration

## RoHS

### CERTIFICATE OF CONFORMITY

RoHS UYGUNLUK SERTİFİKASI

Certificate No: PC-02026-TR

to the Manufacturer / aşağıdaki üretici için:

**EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC.LTD.ŞTİ.**

Atatürk Cad. DES Sanayi Sitesi 107. Sok. B 14 Blok No:2A 4 Ümraniye/İstanbul /Türkiye

Product and designation of type / Ürün ve belirtilen tipleri:

**BRAZED PLATE HEAD EXCHANGERS**

**MIT Branded – MB01, MB02, MB03, MB04, MB05,**

**MB06, MB07, MB08, MB09, MB10, MB11, MB12**

(MIT Markalı –Lehimli Plakalı Isı Eşanjörü)

Applicable Standarts/Uygulanan Standartlar:

The samples tested is covered by the following EU-Directive

/ Test edilen numuneler aşağıdaki yönetmelik kapsamındadır.

**2011/65/EU, RoHS Directive / Elektrikli Ve Elektronik Aygıtlarda Belli Başlı**

**Zararlı Maddelerin Kullanımını Kısıtlayan Yönetmelik**

For this following test report edit /Bu kapsamda aşağıdaki test raporu düzenlenmiştir:

RoHS-201612-001-1

This certificate is the covers of periodically tested products in the productions. Does not cover all products produced, covers the above products / Bu sertifika, belirli periyotlarda test edilen ürünlerin üretimini kapsamaktadır. Üretilen tüm ürünleri kapsamaz, yukarıdaki ürünleri kapsar.

Certificate Date / Sertifika Tarihi:

Date of Initial Registration / İlk Belgelendirme Kayıt Tarihi : December 12<sup>th</sup>, 2016 /12 Aralık 2016

Date of Last Issue / Yayın Tarihi : June 15<sup>th</sup>, 2021 / 15 Haziran 2021

Date of Expiry/Geçerlilik Süresi Bitimi : June 15<sup>th</sup>, 2022 / 15 Haziran 2022

  
Signed on behalf of Intersistemteknik Ltd. / İmza



**Intersistemteknik International Certification Co., Ltd.**

Helis Beyaz Ofis - Yeşilbağlar Mh. Selvili Sk, No 2 / B-Blok K:3 B:316 Pendik/ İstanbul / Turkey

[www.belgelendirme.com.tr](http://www.belgelendirme.com.tr)

## Certificates

ЕВРАЗИЙСКИЙ ЭКОНОМИЧЕСКИЙ СОЮЗ  
ДЕКЛАРАЦИЯ О СООТВЕТСТВИИ

**Заявитель** Общество с ограниченной ответственностью «ДС Компания».

Основной государственный регистрационный номер: 1107746937374.

Место нахождения: 129110, Российская Федерация, город Москва, Напрудный переулок, дом 10, строение 2, этаж 2, комната 4

Телефон: 89154152369, адрес электронной почты: dc.company2000@gmail.com

**в лице** Генерального директора Ежова Олега Олеговича

**заявляет, что**

Оборудование технологическое для пищевой промышленности: Электрические водонагреватели (Бойлеры), с маркировками "EKIN", "ESENJOR" (смотри приложение № 1 на 1 листе)

Продукция изготовлена в соответствии с Директивой 2006/42/ЕС «Машины и механизмы» изготовитель "EKIN ENDUSTRIYEL ISITMA SOGUTMA SAN.TIC.LTD.STI".

Место нахождения: ТУРЦИЯ, Des San, Sit.B.14 Blok 107 Sok.No.2 Y.Dudullu /ISTANBUL.

код ТН ВЭД ЕАЭС 8419 19 000 0

Серийный выпуск

соответствует требованиям

Технического регламента Таможенного союза ТР ТС 010/2011 "О безопасности машин и оборудования"

**Декларация о соответствии принята на основании**

протокола испытаний № 715-06/07-ЭСТ от 15.06.2018 года, выданного испытательной лабораторией «ЭС-Тест» Общества с ограниченной ответственностью «Эксперт-Сертификация», регистрационный № РОСС RU.31485.04ИДЮ0.005;

обоснования безопасности; руководства по эксплуатации; паспорта

**Схема декларирования:** 1д

**Дополнительная информация**

Условия хранения продукции в соответствии с требованиями ГОСТ 15150-69. Срок хранения (службы, годности) указан в прилагаемой к продукции эксплуатационной документации. Стандарт, обеспечивающий соблюдение требований

Технического регламента Таможенного союза ТР ТС 010/2011 "О безопасности машин и оборудования": ГОСТ 26582-85

"Машины и оборудование продовольственные. Общие технические условия" (раздел 2)

Декларация о соответствии действительна с даты регистрации по 17.06.2023 включительно.



М.П.

Ежов Олег Олегович

(Ф.И.О. заявителя)

Регистрационный номер декларации о соответствии: ЕАЭС № RU Д-TR.ИА10.В.00718

Дата регистрации декларации о соответствии 18.06.2018



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTROLE



**SCHWEISSVERFAHREN - PRÜFUNGSBESCHEINIGUNG  
WELDING PROCEDURE QUALIFICATION REPORT**

TÜV AUSTRIA  
SERVICES GMBH

Geschäftsbereich  
Werkstoff- und  
Schweißtechnik

Institut für  
Werkstoffprüfung

NOBO 0408

Prüfzentrum Wien  
A-1230 Wien  
Deutschstraße 10  
Telefon:  
+43 1 / 610 91  
Fax: DW 6605

**Hersteller-Schweißanweisung:** EKN-WPS02  
Manufacturer's welding procedure:  
**Beleg-Nr.:** EKN-EN-WPQR-04  
Reference No:  
**Hersteller:** Ekin Endüstriyel Isıtma ve Soğutma Sanayi LTD. ŞTİ.  
Manufacturer:  
**Anschrift:** Dudullu O.S.B. DES Sanayi Sitesi 107 Sk. No:2 Dudullu / İSTANBUL  
Address:  
**Vorschrift / Prüfnorm:** EN ISO 15614-1/2017- Level2  
Code / Testing standard:  
**Datum der Schweißung:** 03.01.2020  
Date of welding:

**Prüfstelle:** TÜV AUSTRIA  
Inspecting authority:  
**Berichts-Nr.:** 19-IS-1948-TAT-20-PQR-0145  
Report No:

**GELTUNGSBEREICH / RANGE OF APPROVAL**

**Schweißverfahren:** 141  
Welding process:  
**Nahtart:** FW (Fillet Weld)  
Joint type:  
**Werkstoffgruppe:** (Group 1.2 acc. to ONR CEN ISO/TR 15608) – (Range : Group 1-1)  
Parent metal group:  
**Prüfstückdicke (mm):** 15 mm (Range : 3 mm to 30 mm)  
Parent metal thickness (mm):  
**Rohraußendurchmesser (mm):** -  
Pipe outside diameter (mm):  
**a-Maß (mm):** No restriction for multi-run  
design throat thickness (mm):  
**Art des Zusatzwerkstoffes / Bezeichnung:** FM1 EN ISO 636-A:09 SG2 TIG – Ø2,0-2.4 mm  
Filler metal type / Designation:  
 **Schutzgas / Pulver:** EN ISO 14175-11 (%99,97 Ar)  
Gas / Flux:  
**Stromart:** DC (-)  
Type of welding current:  
**Schweißposition:** PB  
Welding position:  
**Vorwärmung:** 10 °C  
Preheating:  
**Wärmenachbehandlung:** -  
Post weld heat treatment:  
**Sonstige Angaben:** -  
Other information:

Hiermit wird bestätigt, dass die Prüfungsschweißungen in Übereinstimmung mit den Anforderungen der vorbezeichneten Vorschriften bzw. Prüfnormen zufriedenstellend vorbereitet, geschweißt und geprüft wurden.  
Certified that test welds were prepared, welded and tested satisfactorily in accordance with the requirements of the code / testing standard indicated above.

ISTANBUL  
Ort/Location  
09.03.2020  
Datum der Ausstellung  
Date of issue

Ali Osman Ozveren  
Name und Unterschrift  
Name and signature

## Certificates



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTROLE



### SCHWEISSVERFAHREN - PRÜFUNGSBESCHEINIGUNG WELDING PROCEDURE QUALIFICATION REPORT

TÜV AUSTRIA  
SERVICES GMBH

Geschäftsbereich  
Werkstoff- und  
Schweißtechnik

Institut für  
Werkstoffprüfung

NOBO 0408

Prüfzentrum Wien  
A-1230 Wien  
Deutschstraße 10  
Telefon:  
+43 1 / 610 91  
Fax: DW 6605

**Hersteller-Schweißanweisung:** EKN-WPS-01  
Manufacturer's welding procedure:

**Prüfstelle:** TÜV AUSTRIA  
Inspecting authority: SERVICES GMBH

**Beleg-Nr.:** EKN-EN-WPQR-05  
Reference No:

**Berichts-Nr.:** 19-IS-1948-TAT-20-PQR-0144  
Report No:

**Hersteller:**  
**Manufacturer:** Ekin Endüstriyel Isıtma ve Soğutma Sanayi LTD. ŞTİ.

**Anschrift:** Dudullu O.S.B. DES Sanayi Sitesi 107 Sk. No:2 Dudullu / İSTANBUL  
Address:

**Vorschrift / Prüfnorm:** EN ISO 15614-1/2017- Level2  
Code / Testing standard:

**Datum der Schweißung:** 03.01.2020  
Date of welding:

#### GELTUNGSBEREICH / RANGE OF APPROVAL

**Schweißverfahren:** 141  
Welding process:

**Nahtart:** BW (Butt Weid)  
Joint type:

**Werkstoffgruppe:** (Group 1.2 acc. to ONR CEN ISO/TR 15608) – (Range : Group 1-1)  
Parent metal group:

**Prüfstückdicke (mm):** 12 mm (3 mm to 24 mm)  
Parent metal thickness (mm):

**Rohraußendurchmesser (mm):** -  
Pipe outside diameter (mm):

**a-Maß (mm):** 12 mm  
design throat thickness (mm):

**Art des Zusatzwerkstoffes / Bezeichnung:** FM1 EN ISO 636-A:09 SG2 TIG – Ø2,0-2.4 mm  
Filler metal type / Designation:

**Shutzgas / Pulver:** EN ISO 14175-11 (%99,9 Ar)  
Gas / Flux:

**Stromart:** DC (-)  
Type of welding current:

**Schweißposition:** PF  
Welding position:

**Vorwärmung:** 10 °C  
Preheating:

**Wärmenachbehandlung:** -  
Post weld heat treatment:

**Sonstige Angaben:** Non backing  
Other information:

Hiermit wird bestätigt, dass die Prüfungsschweißungen in Übereinstimmung mit den Anforderungen der vorbezeichneten Vorschriften bzw. Prüfnormen zufriedenstellend vorbereitet, geschweißt und geprüft wurden.  
Certified that test welds were prepared, welded and tested satisfactorily in accordance with the requirements of the code / testing standard indicated above.

ISTANBUL  
Ort/Location

09.03.2020  
Datum der Ausstellung  
Date of issue

  
Ali Osman Özveren  
Name und Unterschrift  
Name and signature





CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTROLE



**SCHWEISSVERFAHREN - PRÜFUNGSBESCHEINIGUNG  
WELDING PROCEDURE QUALIFICATION REPORT**

TÜV AUSTRIA  
SERVICES GMBH

Geschäftsbereich  
Werkstoff- und  
Schweißtechnik

Institut für  
Werkstoffprüfung

NOBO 0408

Prüfzentrum Wien  
A-1230 Wien  
Deutschstraße 10  
Telefon:  
+43 1 / 610 91  
Fax: DW 6605

|                                                                                                |                                                                       |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| <b>Hersteller-Schweißanweisung:</b> EKN-WPS03<br>Manufacturer's welding procedure:             | <b>Prüfstelle:</b> TÜV AUSTRIA<br>Inspecting authority: SERVICES GMBH |
| <b>Beleg-Nr.:</b><br>Reference No: EKN-EN-WPQR-06                                              | <b>Berichts-Nr.:</b> 19-IS-1948-TAT-20-PQR-0143<br>Report No:         |
| <b>Hersteller:</b><br><b>Manufacturer:</b> Ekin Endüstriyel Isıtma ve Soğutma Sanayi LTD. ŞTİ. |                                                                       |
| <b>Anschrift:</b><br>Address: Dudullu O.S.B. DES Sanayi Sitesi 107 Sk. No:2 Dudullu / İSTANBUL |                                                                       |
| <b>Vorschrift / Prüfnorm:</b><br>Code / Testing standard: EN ISO 15614-1/2017- Level2          |                                                                       |
| <b>Datum der Schweißung:</b> 03.01.2020<br>Date of welding:                                    |                                                                       |

**GELTUNGSBEREICH / RANGE OF APPROVAL**

|                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Schweißverfahren:</b> 141<br>Welding process:                                                                              |  |
| <b>Nahtart:</b> BW (Butt Weld)<br>Joint type:                                                                                 |  |
| <b>Werkstoffgruppe:</b> (Group 1.2 acc. to ONR CEN ISO/TR 15608) – (Range : Group 1-1)<br>Parent metal group:                 |  |
| <b>Prüfstückdicke (mm):</b> 4 mm (Range : 3 to 8 mm)<br>Parent metal thickness (mm):                                          |  |
| <b>Rohr Außendurchmesser (mm):</b> OD=50,8 mm (Range: OD≥25,4 mm)<br>Pipe outside diameter (mm):                              |  |
| <b>a-Maß (mm):</b> 4 mm<br>design throat thickness (mm):                                                                      |  |
| <b>Art des Zusatzwerkstoffes / Bezeichnung:</b> FM1 EN ISO 636-A:09 SG2 TIG – Ø2,0-2.4 mm<br>Filler metal type / Designation: |  |
| <b>Shutzgas / Pulver:</b> EN ISO 14175-11 (%99,9 Ar)<br>Gas / Flux:                                                           |  |
| <b>Stromart:</b> DC (-)<br>Type of welding current:                                                                           |  |
| <b>Schweißposition:</b> H-L045<br>Welding position:                                                                           |  |
| <b>Vorwärmung:</b> 10 °C<br>Preheating:                                                                                       |  |
| <b>Wärmenachbehandlung:</b> -<br>Post weld heat treatment:                                                                    |  |
| <b>Sonstige Angaben:</b> -<br>Other information:                                                                              |  |

Hiermit wird bestätigt, dass die Prüfungsschweißungen in Übereinstimmung mit den Anforderungen der vorbezeichneten Vorschriften bzw. Prüfnormen zufriedenstellend vorbereitet, geschweißt und geprüft wurden.  
Certified that test welds were prepared, welded and tested satisfactorily in accordance with the requirements of the code / testing standard indicated above.

ISTANBUL  
Ort/Location

09.03.2020  
Datum der Ausstellung  
Date of Issue

*Ali Osman Özveren*  
Name und Unterschrift  
Name and signature



## Certificates



**Test certificate for a welding procedure qualification record (WPQR)**  
**Certificate no.: 2354/202/C/00068/22/PQR/000(00)**

**WPQR no.:** WPQR-08 **Examining body:** TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
**Manufacturer:** Ekin Endüstriyel Isıtma-Soğutma San. Tic. Ltd. Şti. **Order no.:** 2284030733  
**Address:** Dudullu OSB. Des Sanayi Sitesi 107. Sk. B14 Blok No:2 Ümraniye/İstanbul  
**Test basis:** DIN EN ISO 15613 / Directive 2014/68/EU

|                                              | Test piece                  | Range of qualification                                                                                        |
|----------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Welding process(es) acc. ISO 4063:</b>    | 141 (manual)                | 141 (manual)                                                                                                  |
| <b>Deposited thickness(es) s [mm]:</b>       | -                           | -                                                                                                             |
| <b>Product form:</b>                         | Tube to Plate               | Tube to Plate                                                                                                 |
| <b>Type of joint and weld:</b>               | FW                          | FW                                                                                                            |
| <b>Parent material (sub)group(s):</b>        | EN 15608 Group (1.1 to 1.2) | The equal or lower specified minimum yield strength steels                                                    |
| <b>Parent material thickness t [mm]:</b>     | Tube:2mm, Plate:25mm        | Tube: 1,4 to 4mm, Plate: 25                                                                                   |
| <b>Throat thickness [mm]:</b>                | 1mm                         | 0,75 to 1,5mm                                                                                                 |
| <b>Single layer / multi layer:</b>           | Single                      | Single                                                                                                        |
| <b>Outside pipe diameter [mm]:</b>           | 20mm                        | ≥10mm                                                                                                         |
| <b>Filler material designation:</b>          | EN ISO 636-A:W42 3 W3Si1    | Similar                                                                                                       |
| <b>Filler material maker:</b>                | Lincoln Electric            | -                                                                                                             |
| <b>Filler material size [mm]:</b>            | 1,2                         | Permitted the change size of filler material when heat input requirements satisfied                           |
| <b>Designation of shielding gas / flux:</b>  | EN ISO 14175: I-1           | -                                                                                                             |
| <b>Designation of backing gas:</b>           | -                           | -                                                                                                             |
| <b>Type of welding current and polarity:</b> | DC(-)                       | DC(-)                                                                                                         |
| <b>Transfer mode acc. ISO 4063:</b>          | -                           | -                                                                                                             |
| <b>Heat input [kJ/mm]:</b>                   | 0.562                       | -                                                                                                             |
| <b>Welding position(s) acc. ISO 6947:</b>    | PH                          | PH                                                                                                            |
| <b>Preheat temperature [°C]:</b>             | 25°C                        | decrease of more than 50 °C from the recorded preheating temperature on the WPQR requires a re-qualification. |
| <b>Interpass temperature [°C]:</b>           | -                           | -                                                                                                             |
| <b>Post heating for hydrogen release:</b>    | -                           | -                                                                                                             |
| <b>Post weld heat treatment:</b>             | -                           | -                                                                                                             |
| <b>Other information:</b>                    | -                           | -                                                                                                             |

We confirm that the statements in this record are correct and that the test pieces were prepared, welded, tested and have fulfilled the requirements in accordance with the test basis.

This certificate is issued under the scope of ISO/IEC 17020 accreditation by TÜRKAK. The accreditation status would be verified via <https://secure.turkak.org.tr/kapsam/search> under accreditation number of AB-0100-M.

**Remarks:** An evidence of notch impact strength has not been executed. In case of manufacture according to directive 2014/68/EU, all requirements of the directive regarding manufacturing and materials apply.

**Attachment:**

**Location:** İstanbul

**Date:** 27.06.2022



PED-2354-2200830

Notified body  
 TÜV NORD  
 Ahmet Can GÜÇGÖRMEZ  
 TÜV Teknik Kontrol ve Belgelendirme A.Ş.

TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
 Şehit Mehmet Fatih Ongül Sokak, No:5 Kat:4 Odak Plaza, Kozyatağı, 34742 İstanbul-TÜRKİYE  
 Telefon +90 216 361 2995• Fax +90 216 380 67 87 • E-mail: [tuv-nord@tuv-turkey.com](mailto:tuv-nord@tuv-turkey.com)



**Test certificate for a welding procedure qualification record (WPQR)**  
**Certificate no.: 2354/202/C/00069/22/PQR/000(00)**

**WPQR no.:** WPQR-09 **Examining body:** TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
**Manufacturer:** Ekin Endüstriyel Isıtma-Soğutma San. Tic. Ltd. Şti. **Order no.:** 2284030733  
**Address:** Dudullu OSB, Des Sanayi Sitesi 107. Sk. B14 Blok No:2  
 Ümraniye/İstanbul  
**Test basis:** DIN EN ISO 15613 / Directive 2014/68/EU

|                                              | Test piece                  | Range of qualification                                                                                        |
|----------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Welding process(es) acc. ISO 4063:</b>    | 142 (manual)                | 142 (manual)                                                                                                  |
| <b>Deposited thickness(es) s [mm]:</b>       | -                           | -                                                                                                             |
| <b>Product form:</b>                         | Tube to Plate               | Tube to Plate                                                                                                 |
| <b>Type of joint and weld:</b>               | FW                          | FW                                                                                                            |
| <b>Parent material (sub)group(s):</b>        | EN 15608 Group (8.1 to 8.1) | The equal or lower specified minimum yield strength steels                                                    |
| <b>Parent material thickness t [mm]:</b>     | Tube:2mm, Plate:25mm        | Tube: 1,4 to 4mm, Plate: ≥5                                                                                   |
| <b>Throat thickness [mm]:</b>                | 1mm                         | 0,75 to 1,5mm                                                                                                 |
| <b>Single layer / multi layer:</b>           | Single                      | Single                                                                                                        |
| <b>Outside pipe diameter [mm]:</b>           | 20mm                        | ≥10mm                                                                                                         |
| <b>Filler material designation:</b>          | nm                          | -                                                                                                             |
| <b>Filler material maker:</b>                | -                           | -                                                                                                             |
| <b>Filler material size [mm]:</b>            | 1,2                         | Permitted the change size of filler material when heat input requirements satisfied                           |
| <b>Designation of shielding gas / flux:</b>  | EN ISO 14175: I-1           | -                                                                                                             |
| <b>Designation of backing gas:</b>           | -                           | -                                                                                                             |
| <b>Type of welding current and polarity:</b> | DC(-)                       | DC(-)                                                                                                         |
| <b>Transfer mode acc. ISO 4063:</b>          | -                           | -                                                                                                             |
| <b>Heat input [kJ/mm]:</b>                   | 0,402                       | -                                                                                                             |
| <b>Welding position(s) acc. ISO 6947:</b>    | PH                          | All Position                                                                                                  |
| <b>Preheat temperature [°C]:</b>             | 25°C                        | decrease of more than 50 °C from the recorded preheating temperature on the WPQR requires a re-qualification. |
| <b>Interpass temperature [°C]:</b>           | -                           | -                                                                                                             |
| <b>Post heating for hydrogen release:</b>    | -                           | -                                                                                                             |
| <b>Post weld heat treatment:</b>             | -                           | -                                                                                                             |
| <b>Other information:</b>                    | -                           | -                                                                                                             |

We confirm that the statements in this record are correct and that the test pieces were prepared, welded, tested and have fulfilled the requirements in accordance with the test basis.

This certificate is issued under the scope of ISO/IEC 17020 accreditation by TURKAK. The accreditation status would be verified via <https://secure.turkak.org.tr/kapsam/search> under accreditation number of AB-0100-M.

**Remarks:** An evidence of notch impact strength has not been executed. requirements of the directive regarding manufacturing and materials apply.

In case of manufacture according to directive 2014/68/EU, all

**Attachment:**

**Location:** Istanbul

**Date:** 10.06.2022



PED-2354-2200831

Notified body 2354

Ahmet Can DUGBORMEZ

TÜV Teknik Kontrol ve Belgelendirme A.Ş.

## Certificates



### Test certificate for a welding procedure qualification record (WPQR)

Certificate no.: WPQR-TUVNORD-2021/3615

**WPQR no.:** WPQR-009 **Examining body:** TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
**Manufacturer:** Ekin Endüstriyel Isıtma Soğutma San. Tic. Ltd. Şti. **Order no.:** 2114025300  
**Address:** DES Sanayi Sitesi 107.Sk. B14 Blok No:2-4-6-8 Ümraniye/İST  
**Test basis:** DIN EN ISO 15614-1 (Level 2)

|                                              | Test piece                       | Range of qualification                                                                                                                                                                                                                                                                       |
|----------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Welding process(es) acc. ISO 4063:</b>    | 141 - EN ISO 4063                | 141                                                                                                                                                                                                                                                                                          |
| <b>Deposited thickness(es) s [mm]:</b>       | 2,77mm                           | Max. 5,54mm                                                                                                                                                                                                                                                                                  |
| <b>Product form:</b>                         | Pipe                             | Plate and Pipe                                                                                                                                                                                                                                                                               |
| <b>Type of joint and weld:</b>               | BW                               | BW,FW                                                                                                                                                                                                                                                                                        |
| <b>Parent material (sub)group(s):</b>        | 8.1 (EN 10028-7 1.4401 ( 316L )) | TSE CEN ISO/TR 15608 Group 8.1 (same sub-group and any lower sub-group within the same group)                                                                                                                                                                                                |
| <b>Parent material thickness t [mm]:</b>     | 2,77mm                           | 1,38mm ≤ t ≤ 5,54mm                                                                                                                                                                                                                                                                          |
| <b>Throat thickness [mm]:</b>                | --                               | --                                                                                                                                                                                                                                                                                           |
| <b>Single layer / multi layer:</b>           | Multi Run                        | Multi Run                                                                                                                                                                                                                                                                                    |
| <b>Outside pipe diameter [mm]:</b>           | ø33,4mm                          | ø16,7mm ≤ D                                                                                                                                                                                                                                                                                  |
| <b>Filler material designation:</b>          | TS EN ISO 14343- W 19 12 3L      | Similar                                                                                                                                                                                                                                                                                      |
| <b>Filler material make:</b>                 | Euroweld                         | --                                                                                                                                                                                                                                                                                           |
| <b>Filler material size [mm]:</b>            | 1,6-2mm                          | --                                                                                                                                                                                                                                                                                           |
| <b>Designation of shielding gas / flux:</b>  | EN 14175 M12 AR-CO(2,5)          | Similar                                                                                                                                                                                                                                                                                      |
| <b>Designation of backing gas:</b>           | EN 14175 M12 AR-CO(2,5)          | --                                                                                                                                                                                                                                                                                           |
| <b>Type of welding current and polarity:</b> | DC (-)                           | --                                                                                                                                                                                                                                                                                           |
| <b>Transfer mode acc. ISO 4063:</b>          | --                               | --                                                                                                                                                                                                                                                                                           |
| <b>Heat input [kJ/mm]:</b>                   | 0,51 kJ/mm - 0,56 kJ/mm          | 0,38 - 0,7 kJ/mm                                                                                                                                                                                                                                                                             |
| <b>Welding position(s) acc. ISO 6947:</b>    | HL045                            | Test welding at any location (pipe or plate) characterizes welds at all locations (pipe or plate) except PG,PJ and J-L045, which requires a separate welding procedure test. A decrease of more than 50 °C from the recorded preheating temperature on the WPQR requires a re-qualification. |
| <b>Preheat temperature [°C]:</b>             | Min 20°C                         | An increase of more than 50 °C in the maximum interpass temperature reached in the welding procedure test shall require re-qualification.                                                                                                                                                    |
| <b>Interpass temperature [°C]:</b>           | Max 250°C                        |                                                                                                                                                                                                                                                                                              |
| <b>Post heating for hydrogen release:</b>    | --                               | --                                                                                                                                                                                                                                                                                           |
| <b>Post weld heat treatment:</b>             | --                               | --                                                                                                                                                                                                                                                                                           |
| <b>Other information:</b>                    | --                               | --                                                                                                                                                                                                                                                                                           |

We confirm that the statements in this record are correct and that the test pieces were prepared, welded, tested and have fulfilled the requirements in accordance with the test basis.

This certificate is issued under the scope of ISO/IEC 17020 accreditation by TÜRKAK. The accreditation status would be verified via <https://secure.turkak.org.tr/kapsam/search> under accreditation number of AB-0100-M.

**Remarks:** An evidence of notch impact strength has not been executed.

**Attachment:** --

**Location:** İstanbul

**Date:** 01.10.2021

  
 Yunus Emre EMİRZEOĞLU  
 TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
 TÜV Tekn. Kontrol ve Belg. A.Ş.

TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
 Şehit Mehmet Fatih Ongül Sokak, No:5 Kat:4 Odak Plaza, Kozyatağı, 34742 İstanbul-TÜRKİYE  
 Telefon +90 216 361 2995• Fax +90 216 380 67 87 • E-mail: [tuv-nord@tuv-turkey.com](mailto:tuv-nord@tuv-turkey.com)

F-1072 R03

Page 1 of 3



**Test certificate for a welding procedure qualification record (WPQR)**  
**Certificate no.: WPQR-TUVNORD-2021/3614**

WPQR no.: WPQR-008      Examining body: TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
 Manufacturer: Ekin Endüstriyel Isıtma Soğutma San. Tic. Ltd. Şti.      Order no.: 2114025300  
 Address: DES Sanayi Sitesi 107.Sk. B14 Blok No:2-4-6-8  
 Ümraniye/İST  
 Test basis: DIN EN ISO 15614-1 (Level 2)

|                                       | Test piece                       | Range of qualification                                                                                                                                                                                                                                                                       |
|---------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Welding process(es) acc. ISO 4063:    | 141 - EN ISO 4063                | 141                                                                                                                                                                                                                                                                                          |
| Deposited thickness(es) s [mm]:       | -                                | -                                                                                                                                                                                                                                                                                            |
| Product form:                         | Plate                            | Plate and Tube                                                                                                                                                                                                                                                                               |
| Type of joint and weld:               | FW                               | FW                                                                                                                                                                                                                                                                                           |
| Parent material (sub)group(s):        | 8.1 (EN 10028-7 1.4401 ( 316L )) | TSE CEN ISO/TR 15608 Group 8.1 (same sub-group and any lower sub-group within the same group)                                                                                                                                                                                                |
| Parent material thickness t [mm]:     | 15mm                             | 3mm to 30mm                                                                                                                                                                                                                                                                                  |
| Throat thickness [mm]:                | 6mm                              | No Restriction                                                                                                                                                                                                                                                                               |
| Single layer / multi layer:           | Multi Run                        | Multi Run                                                                                                                                                                                                                                                                                    |
| Outside pipe diameter [mm]:           | --                               | OD>500 mm or when the outside diameter is OD>150 mm welded in the PC, in PF rotated position or in PA rotated position                                                                                                                                                                       |
| Filler material designation:          | TS EN ISO 14343- W 19 12 3L      | Similar                                                                                                                                                                                                                                                                                      |
| Filler material make:                 | Magmaweld                        | --                                                                                                                                                                                                                                                                                           |
| Filler material size [mm]:            | 3,2mm                            | --                                                                                                                                                                                                                                                                                           |
| Designation of shielding gas / flux:  | EN 14175 M12 AR-CO(2,5)          | Similar                                                                                                                                                                                                                                                                                      |
| Designation of backing gas:           | --                               | --                                                                                                                                                                                                                                                                                           |
| Type of welding current and polarity: | DC (-)                           | --                                                                                                                                                                                                                                                                                           |
| Transfer mode acc. ISO 4063:          | --                               | --                                                                                                                                                                                                                                                                                           |
| Heat input [kJ/mm]:                   | 0,96 kJ/mm - 1,18 kJ/mm          | Min. 0,72 kJ/mm - Max. 1,47 kJ/mm                                                                                                                                                                                                                                                            |
| Welding position(s) acc. ISO 6947:    | PB                               | Test welding at any location (pipe or plate) characterizes welds at all locations (pipe or plate) except PG,PJ and J-L045, which requires a separate welding procedure test. A decrease of more than 50 °C from the recorded preheating temperature on the WPQR requires a re-qualification. |
| Preheat temperature [°C]:             | Min 20°C                         | An increase of more than 50 °C in the maximum interpass temperature reached in the welding procedure test shall require re-qualification.                                                                                                                                                    |
| Interpass temperature [°C]:           | Max 250°C                        |                                                                                                                                                                                                                                                                                              |
| Post heating for hydrogen release:    | --                               | --                                                                                                                                                                                                                                                                                           |
| Post weld heat treatment:             | --                               | --                                                                                                                                                                                                                                                                                           |
| Other information:                    | --                               | --                                                                                                                                                                                                                                                                                           |

We confirm that the statements in this record are correct and that the test pieces were prepared, welded, tested and have fulfilled the requirements in accordance with the test basis.

This certificate is issued under the scope of ISO/IEC 17020 accreditation by TÜRKAK. The accreditation status would be verified via <https://secure.turkak.org.tr/kapsam/search> under accreditation number of AB-0100-M.

Remarks: An evidence of notch impact strength has not been executed.

Attachment: --

Location: İstanbul

Date: 30.09.2021

Y. S. / TÜV NORD  
 Yunus Emre EMİRZEOĞLU  
 TÜV Teknik Kontrol ve Belgelendirme A.Ş.

## Certificates



### Test certificate for a welding procedure qualification record (WPQR)

Certificate no.: WPQR-TUVNORD-2021/3613

**WPQR no.:** WPQR-007 **Examining body:** TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
**Manufacturer:** Ekin Endüstriyel Isıtma Soğutma San. Tic. Ltd. Şti. **Order no.:** 2114025300  
**Address:** DES Sanayi Sitesi 107.Sk. B14 Blok No:2-4-6-8  
 Ümraniye/İST  
**Test basis:** DIN EN ISO 15614-1 (Level 2)

|                                              | Test piece                       | Range of qualification                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Welding process(es) acc. ISO 4063:</b>    | 141 - EN ISO 4063                | 141                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Deposited thickness(es) s [mm]:</b>       | 10mm                             | Max. 20mm                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Product form:</b>                         | Plate                            | Plate and Tube                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Type of joint and weld:</b>               | BW                               | BW,FW                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Parent material (sub)group(s):</b>        | 8.1 (EN 10028-7 1.4401 ( 316L )) | TSE CEN ISO/TR 15608 Group 8.1 (same sub-group and any lower sub-group within the same group)                                                                                                                                                                                                                                                                                                                                          |
| <b>Parent material thickness t [mm]:</b>     | 10mm                             | 3mm to 20mm                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Throat thickness [mm]:</b>                | --                               | --                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Single layer / multi layer:</b>           | Multi Run                        | Multi Run                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Outside pipe diameter [mm]:</b>           | --                               | OD>500 mm or when the outside diameter is OD>150 mm welded in the PC, in PF rotated position or in PA rotated position                                                                                                                                                                                                                                                                                                                 |
| <b>Filler material designation:</b>          | TS EN ISO 14343- W 19 12 3L      | Similar                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Filler material make:</b>                 | Magmaweld                        | --                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Filler material size [mm]:</b>            | 3,2mm                            | --                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Designation of shielding gas / flux:</b>  | EN 14175 M12 AR-CO(2,5)          | Similar                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Designation of backing gas:</b>           | --                               | --                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Type of welding current and polarity:</b> | DC (-)                           | --                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Transfer mode acc. ISO 4063:</b>          | --                               | --                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Heat input [kJ/mm]:</b>                   | 0,65 kJ/mm - 0,97 kJ/mm          | 0,48 - 1,21 kJ/mm                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Welding position(s) acc. ISO 6947:</b>    | PA                               | Test welding at any location (pipe or plate) characterizes welds at all locations (pipe or plate) except PG,PJ and J-L045, which requires a separate welding procedure test. A decrease of more than 50 °C from the recorded preheating temperature on the WPQR requires a re-qualification. An increase of more than 50 °C in the maximum interpass temperature reached in the welding procedure test shall require re-qualification. |
| <b>Preheat temperature [°C]:</b>             | Min 20°C                         | --                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Interpass temperature [°C]:</b>           | Max 250°C                        | --                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Post heating for hydrogen release:</b>    | --                               | --                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Post weld heat treatment:</b>             | --                               | --                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Other information:</b>                    | --                               | --                                                                                                                                                                                                                                                                                                                                                                                                                                     |

We confirm that the statements in this record are correct and that the test pieces were prepared, welded, tested and have fulfilled the requirements in accordance with the test basis.

This certificate is issued under the scope of ISO/IEC 17020 accreditation by TÜRKAK. The accreditation status would be verified via <https://secure.turkak.org.tr/kapsam/search> under accreditation number of AB-0100-M.

**Remarks:** An evidence of notch impact strength has not been executed.

**Attachment:** --

**Location:** İstanbul

**Date:** 01.10.2021



Yunus Emre EMİRZEĞİNGİ  
TÜV NORD  
TÜV Teknik Kontrol ve Belgelendirme A.Ş.

TÜV Teknik Kontrol ve Belgelendirme A.Ş.

TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
Şehit Mehmet Fatih Ongül Sokak, No:5 Kat:4 Odak Plaza, Kozyatağı, 34742 İstanbul-TÜRKİYE  
Telefon +90 216 361 2995 • Fax +90 216 380 67 87 • E-mail: [tuv-nord@tuv-turkey.com](mailto:tuv-nord@tuv-turkey.com)

F-1072 R03

Page 1 of 3

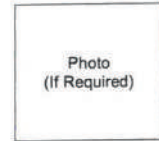


**WELDER'S QUALIFICATION TEST  
CERTIFICATE - EN 9606-01**



**Certificate no.:** 2354/202/C/00475/22/WQT/000(00)

**Designation:** ISO 9606-1 142 T/P FW nm t25/t2 D10 PH sl  
**Name of welder:** Eyüp Sonkaynar **WPS reference:** WPS-08  
**Method of Identification:** ID-15797744396 **Date and Place of Birth:** 03/04/1993 Fatsa  
**Employer:** Ekin Endüstriyel Isıtma-Soğutma San. Tic. Ltd. Şti. **Welding Date:** 28.05.2022  
**Code / testing standard:** PED 2014/68/EU, DIN EN ISO 9606-1  
**Job knowledge :** Acceptable  Not tested

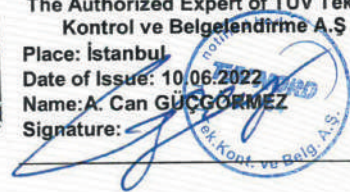


|                                                                                          | Test piece | Range of qualification                                                                 |
|------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------|
| Welding process(es)                                                                      | 142        | 142                                                                                    |
| Transfer mode                                                                            | ---        | ---                                                                                    |
| Product type (plate P, tube T)                                                           | T/P        | T                                                                                      |
| Type of weld                                                                             | FW         | FW                                                                                     |
| Parent material group(s)                                                                 | 8.1        | 8.1                                                                                    |
| Filler material group(s)                                                                 | nm         | nm                                                                                     |
| Filler material (type, designation)                                                      | ---, ---   | ---                                                                                    |
| Shielding gas(es)                                                                        | ---        | ---                                                                                    |
| Auxiliaries                                                                              | ---        | ---                                                                                    |
| Type of current and polarity                                                             | DCEN (-)   | ---                                                                                    |
| Material thickness (t) [mm]                                                              | 25   2     | ≥ 2                                                                                    |
| Deposited thickness (s) [mm]                                                             | ---        | ---                                                                                    |
| Outside tube diameter (D) [mm]                                                           | 20         | 20-40                                                                                  |
| Welding position(s)                                                                      | PH         | PA, PB, PC, PD, PE, PF                                                                 |
| Weld details                                                                             | ---        | ---                                                                                    |
| Single layer (sl) / multi layer (ml)                                                     | sl         | sl                                                                                     |
| Supplementary fillet weld test completed in conjunction with a butt weld qualification): |            | Acceptable <input type="checkbox"/> not acceptable <input checked="" type="checkbox"/> |

| Type of test            | Performed and accepted              | Not tested               | Report No (if any): |
|-------------------------|-------------------------------------|--------------------------|---------------------|
| Visual testing          | <input checked="" type="checkbox"/> | <input type="checkbox"/> | M22.129             |
| Radiographic testing    | <input type="checkbox"/>            | <input type="checkbox"/> |                     |
| Fracture test           | <input type="checkbox"/>            | <input type="checkbox"/> |                     |
| Bend test               | <input type="checkbox"/>            | <input type="checkbox"/> |                     |
| Notch tensile test      | <input type="checkbox"/>            | <input type="checkbox"/> |                     |
| Macroscopic examination | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                     |



The Authorized Expert of TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
 Place: İstanbul  
 Date of Issue: 10.06.2022  
 Name: A. Can GÜÇGÖRMEZ  
 Signature:



|                               |   |                         |                               |              |                               |              |
|-------------------------------|---|-------------------------|-------------------------------|--------------|-------------------------------|--------------|
| Revalidation According: 9.3 a | X | Valid Until: 27.05.2025 | Revalidation According: 9.3 b | Valid Until: | Revalidation According: 9.3 c | Valid Until: |
|-------------------------------|---|-------------------------|-------------------------------|--------------|-------------------------------|--------------|

| Confirmation of the validity by employer/welding coordinator/examiner or examining body for the following 6 months (refer to 9.2) |           |                   |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------|
| Date                                                                                                                              | Signature | Position or title |
|                                                                                                                                   |           |                   |
|                                                                                                                                   |           |                   |
|                                                                                                                                   |           |                   |
|                                                                                                                                   |           |                   |



PED-2354-2200832

TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
 Şehit Mehmet Fatih Ongül Sokak, No:5 Kat:4 Odak Plaza, Kozyatağı, 34742 İstanbul-  
 TÜRKİYE  
 Telefon +90 216 361 2995• Fax +90 216 360 67 87 • E-mail: [tuv-nord@tuv-turkey.com](mailto:tuv-nord@tuv-turkey.com)

## Certificates


**WELDER'S QUALIFICATION TEST  
CERTIFICATE - EN 9606-01**

**Certificate no.:** WPQ-TUVNORD-2021/3619

**Designation:** ISO 9606-1 141 P BW FM5 S s10 PA ss gb  
**Name of welder:** Uğur KORKMAZ **WPS reference:** pWPS-07  
**Method of Identification:** 36001777900 **Date and Place of Birth:** 20.09.1994  
**Employer:** Ekin Endüstriyel Isıtma Soğutma San. Tic. Ltd. Şti. **Welding Date:** 15.09.2021  
**Code / testing standard:** DIN EN ISO 9606-1  
**Job knowledge:** Acceptable  Not tested



|                                      | Test piece   | Range of qualification    |
|--------------------------------------|--------------|---------------------------|
| Welding process(es)                  | 141          | 141,142,143,145           |
| Transfer mode                        | --           | --                        |
| Product type (plate P, tube T)       | P            | P,T                       |
| Type of weld                         | BW           | BW                        |
| Parent material group(s)             | 8.1          | 1-11                      |
| Filler material group(s)             | FM5          | FM5                       |
| Filler material (type, designation)  | S            | S,M                       |
| Shielding gas(es)                    | EN 14175 M12 | --                        |
| Auxiliaries                          | --           | --                        |
| Type of current and polarity         | DCEN(-)      | --                        |
| Material thickness (t) [mm]          | --           | --                        |
| Deposited thickness (s) [mm]         | 10mm         | 3mm ≤ s ≤ 20mm            |
| Outside tube diameter (D) [mm]       | --           | ≥ 500 fixed, ≥ 75 rotated |
| Welding position(s)                  | PA           | PA                        |
| Weld details                         | ss gb        | ss (mb, gb), bs           |
| Single layer (sl) / multi layer (ml) | --           | --                        |

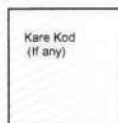
 Supplementary fillet weld test completed in conjunction with a butt weld qualification): Acceptable  not acceptable 

| Type of test            | Performed and accepted              | Not tested                          | Report No (if any): |
|-------------------------|-------------------------------------|-------------------------------------|---------------------|
| Visual testing          | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 5565.21.12642       |
| Radiographic testing    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 5565.21.12643       |
| Fracture test           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                     |
| Bend test               | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                     |
| Notch tensile test      | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                     |
| Macroscopic examination | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                     |

**The Authorized Expert of TÜV Teknik  
Kontrol ve Belgelendirme A.Ş.**
**Place: İSTANBUL**
**Date of Issue: 29.09.2021**
**Name: Yunus Emre EMİRZEOĞLU**
**Signature:**


|                               |   |                         |                               |              |                               |              |
|-------------------------------|---|-------------------------|-------------------------------|--------------|-------------------------------|--------------|
| Revalidation According: 9.3 a | X | Valid Until: 14.09.2024 | Revalidation According: 9.3 b | Valid Until: | Revalidation According: 9.3 c | Valid Until: |
|-------------------------------|---|-------------------------|-------------------------------|--------------|-------------------------------|--------------|

| Confirmation of the validity by employer/welding coordinator/examiner or examining body for the following 6 months (refer to 9.2) |           |                   |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------|
| Date                                                                                                                              | Signature | Position or title |
|                                                                                                                                   |           |                   |
|                                                                                                                                   |           |                   |
|                                                                                                                                   |           |                   |
|                                                                                                                                   |           |                   |



PED-2354-xxxxxx

TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
 Şehit Mehmet Fatih Ongül Sokak, No:5 Kat:4 Odak Plaza, Kozyatağı, 34742 İstanbul-  
 TÜRKİYE  
 Telefon +90 216 361 2995• Fax +90 216 380 67 87 • E-mail: [tuv-nord@tuv-turkey.com](mailto:tuv-nord@tuv-turkey.com)

F-798-R07 Page 1 of 1



**WELDER'S QUALIFICATION TEST  
CERTIFICATE - EN 9606-01**



**Certificate no.:** WPQ-TUVNORD-2021/3620

**Designation:** ISO 9606-1 141 P FW FM5 S t15 PB ml  
**Name of welder:** Uğur KORKMAZ **WPS reference:** pWPS-08  
**Method of identification:** 36001777900 **Date and Place of Birth:** 20.09.1994  
**Employer:** Ekin Endüstriyel Isıtma Soğutma San. Tic. Ltd. Şti. **Welding Date:** 15.09.2021  
**Code / testing standard:** DIN EN ISO 9606-1  
**Job knowledge :** Acceptable  Not tested

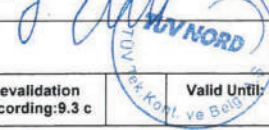


|                                      | Test piece   | Range of qualification    |
|--------------------------------------|--------------|---------------------------|
| Welding process(es)                  | 141          | 141,142,143,145           |
| Transfer mode                        | --           | --                        |
| Product type (plate P, tube T)       | P            | P,T                       |
| Type of weld                         | FW           | FW                        |
| Parent material group(s)             | 8.1          | 1-11                      |
| Filler material group(s)             | FM5          | FM5                       |
| Filler material (type, designation)  | S            | S,M                       |
| Shielding gas(es)                    | EN 14175 M12 | --                        |
| Auxiliaries                          | --           | --                        |
| Type of current and polarity         | DCEN(-)      | --                        |
| Material thickness (t) [mm]          | 15mm         | 3mm ≤ t                   |
| Deposited thickness (s) [mm]         | --           | --                        |
| Outside tube diameter (D) [mm]       | --           | ≥ 500 fixed, ≥ 75 rotated |
| Welding position(s)                  | PB           | PA, PB                    |
| Weld details                         | --           | --                        |
| Single layer (sl) / multi layer (ml) | ml           | sl, ml                    |

Supplementary fillet weld test completed in conjunction with a butt weld qualification): Acceptable  not acceptable

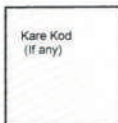
| Type of test            | Performed and accepted              | Not tested                          | Report No (if any): |
|-------------------------|-------------------------------------|-------------------------------------|---------------------|
| Visual testing          | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 5568.21.12652       |
| Radiographic testing    | <input type="checkbox"/>            | <input type="checkbox"/>            |                     |
| Fracture test           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                     |
| Bend test               | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                     |
| Notch tensile test      | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                     |
| Macroscopic examination | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 5568.21.12654       |

**The Authorized Expert of TÜV Teknik Kontrol ve Belgelendirme A.Ş.**  
**Place: İSTANBUL**  
**Date of Issue: 29.09.2021**  
**Name: Yunus Emre EMİRZEOĞLU**  
**Signature:**



|                               |   |                         |                               |              |                               |              |
|-------------------------------|---|-------------------------|-------------------------------|--------------|-------------------------------|--------------|
| Revalidation According: 9.3 a | X | Valid Until: 14.09.2024 | Revalidation According: 9.3 b | Valid Until: | Revalidation According: 9.3 c | Valid Until: |
|-------------------------------|---|-------------------------|-------------------------------|--------------|-------------------------------|--------------|

| Confirmation of the validity by employer/welding coordinator/examiner or examining body for the following 6 months (refer to 9.2) |           |                   |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------|
| Date                                                                                                                              | Signature | Position or title |
|                                                                                                                                   |           |                   |
|                                                                                                                                   |           |                   |
|                                                                                                                                   |           |                   |
|                                                                                                                                   |           |                   |



PED-2354-xxxxxx

TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
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## Certificates


**WELDER'S QUALIFICATION TEST  
CERTIFICATE - EN 9606-01**

**Certificate no.:** WPQ-TUVNORD-2021/3618

**Designation:** ISO 9606-1 141 T BW FM5 S s2,77 D33,4 HL-045 ss gb

**Name of welder:** Eyüp SONKAYNAR **WPS reference:** pWPS-09  
**Method of Identification:** 15797744396 **Date and Place of Birth:** 03.04.1993 Ordu  
**Employer:** Ekin Endüstriyel **Welding Date:** 15.09.2021  
 Isıtma Soğutma San. Tic. Ltd. Şti.  
**Code / testing standard:** DIN EN ISO 9606-1  
**Job knowledge:** Acceptable  Not tested



|                                      | Test piece   | Range of qualification |
|--------------------------------------|--------------|------------------------|
| Welding process(es)                  | 141          | 141,142,143,145        |
| Transfer mode                        | --           | --                     |
| Product type (plate P, tube T)       | T            | P,T,branch ≥60         |
| Type of weld                         | BW           | BW                     |
| Parent material group(s)             | 8.1          | 1-11                   |
| Filler material group(s)             | FM5          | FM5                    |
| Filler material (type, designation)  | S            | S,M                    |
| Shielding gas(es)                    | EN 14175 M12 | --                     |
| Auxiliaries                          | --           | --                     |
| Type of current and polarity         | DCEN(-)      | --                     |
| Material thickness (t) [mm]          | --           | --                     |
| Deposited thickness (s) [mm]         | 2,77mm       | 2,8mm ≤ s ≤ 5,6mm      |
| Outside tube diameter (D) [mm]       | Ø 33.4       | Ø ≥25                  |
| Welding position(s)                  | HL-045       | PA,PE,PC,PF,HL-045     |
| Weld details                         | ss gb        | ss (mb, gb), bs        |
| Single layer (sl) / multi layer (ml) | --           | --                     |

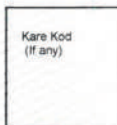
Supplementary fillet weld test completed in conjunction with a butt weld qualification): Acceptable  not acceptable

| Type of test            | Performed and accepted              | Not tested                          | Report No (if any): |
|-------------------------|-------------------------------------|-------------------------------------|---------------------|
| Visual testing          | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 5563.21.12634       |
| Radiographic testing    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 5563.21.12635       |
| Fracture test           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                     |
| Bend test               | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                     |
| Notch tensile test      | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                     |
| Macroscopic examination | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                     |

**The Authorized Expert of TÜV Teknik  
Kontrol ve Belgelendirme A.Ş.**  
**Place: İSTANBUL**  
**Date of Issue: 29.09.2021**  
**Name: Yunus Emre EMİRZEOĞLU**  
**Signature:**

|                               |   |                         |                               |  |              |                               |  |              |
|-------------------------------|---|-------------------------|-------------------------------|--|--------------|-------------------------------|--|--------------|
| Revalidation According: 9.3 a | X | Valid Until: 14.09.2024 | Revalidation According: 9.3 b |  | Valid Until: | Revalidation According: 9.3 c |  | Valid Until: |
|-------------------------------|---|-------------------------|-------------------------------|--|--------------|-------------------------------|--|--------------|

| Confirmation of the validity by employer/welding coordinator/examiner or examining body for the following 6 months (refer to 9.2) |           |                   |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------|
| Date                                                                                                                              | Signature | Position or title |
|                                                                                                                                   |           |                   |
|                                                                                                                                   |           |                   |
|                                                                                                                                   |           |                   |
|                                                                                                                                   |           |                   |



PED-2354-xxxxx

**TÜV Teknik Kontrol ve Belgelendirme A.Ş.**  
 Şehit Mehmet Fatih Ongül Sokak, No:5 Kat:4 Odak Plaza, Kozyatağı, 34742 İstanbul-  
 TÜRKİYE  
 Telefon +90 216 361 2995• Fax +90 216 380 67 87 • E-mail: [tuv-nord@tuv-turkey.com](mailto:tuv-nord@tuv-turkey.com)

F-798-R07 Page 1 of 1



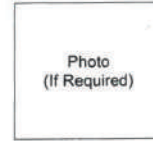
**WELDER'S QUALIFICATION TEST  
CERTIFICATE - EN 9606-01**



**Certificate no.:** 2354/202/C/00477/22/WQT/000(00)

**Designation:** ISO 9606-1 141 T/P FW FM1 S t25/t2 D20 PH sl

**Name of welder:** Uğur Korkmaz **WPS reference:** WPS-08  
**Method of Identification:** ID-3600177900 **Date and Place of Birth:** 20/09/1994 Kastamonu  
**Employer:** Ekin Endüstriyel Isıtma-Soğutma San. Tic. Ltd. Şti. **Welding Date:** 28.05.2022  
**Code / testing standard:** PED 2014/68/EU, DIN EN ISO 9606-1  
**Job knowledge:** Acceptable  Not tested



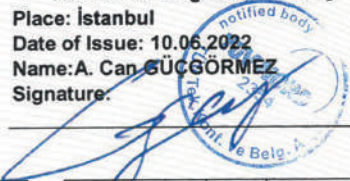
|                                      | Test piece | Range of qualification |
|--------------------------------------|------------|------------------------|
| Welding process(es)                  | 141        | 141, 142, 143, 145     |
| Transfer mode                        | ---        | ---                    |
| Product type (plate P, tube T)       | T/P        | T                      |
| Type of weld                         | FW         | FW                     |
| Parent material group(s)             | 1.1   1.2  | 1 - 11                 |
| Filler material group(s)             | FM1        | FM1, FM2               |
| Filler material (type, designation)  | S,         | S, M                   |
| Shielding gas(es)                    | ---        | ---                    |
| Auxillaries                          | ---        | ---                    |
| Type of current and polarity         | DCEN (-)   | ---                    |
| Material thickness (t) [mm]          | 25   2     | ≥ 2                    |
| Deposited thickness (s) [mm]         | ---        | ---                    |
| Outside tube diameter (D) [mm]       | 20         | 20 - 40                |
| Welding position(s)                  | PH         | PA, PB, PC, PD, PE, PF |
| Weld details                         | ---        | ---                    |
| Single layer (sl) / multi layer (ml) | sl         | sl                     |

Supplementary fillet weld test completed in conjunction with a butt weld qualification): Acceptable  not acceptable

| Type of test            | Performed and accepted              | Not tested               | Report No (if any): |
|-------------------------|-------------------------------------|--------------------------|---------------------|
| Visual testing          | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                     |
| Radiographic testing    | <input type="checkbox"/>            | <input type="checkbox"/> |                     |
| Fracture test           | <input type="checkbox"/>            | <input type="checkbox"/> |                     |
| Bend test               | <input type="checkbox"/>            | <input type="checkbox"/> |                     |
| Notch tensile test      | <input type="checkbox"/>            | <input type="checkbox"/> |                     |
| Macroscopic examination | <input checked="" type="checkbox"/> | <input type="checkbox"/> | M22.128             |



**The Authorized Expert of TÜV Teknik Kontrol ve Belgelendirme A.Ş**  
**Place:** İstanbul  
**Date of Issue:** 10.06.2023  
**Name:** A. Can GÜÇGÖRMEZ  
**Signature:**



|                               |   |                         |                               |              |                               |              |
|-------------------------------|---|-------------------------|-------------------------------|--------------|-------------------------------|--------------|
| Revalidation According: 9.3 a | X | Valid Until: 27.05.2025 | Revalidation According: 9.3 b | Valid Until: | Revalidation According: 9.3 c | Valid Until: |
|-------------------------------|---|-------------------------|-------------------------------|--------------|-------------------------------|--------------|

| Confirmation of the validity by employer/welding coordinator/examiner or examining body for the following 6 months (refer to 9.2) |           |                   |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------|
| Date                                                                                                                              | Signature | Position or title |
|                                                                                                                                   |           |                   |
|                                                                                                                                   |           |                   |
|                                                                                                                                   |           |                   |
|                                                                                                                                   |           |                   |



TÜV Teknik Kontrol ve Belgelendirme A.Ş.  
 Şehit Mehmet Fatih Ongül Sokak, No:5 Kat:4 Odak Plaza, Kozyatağı, 34742 İstanbul-  
 TÜRKİYE  
 Telefon +90 216 361 2995• Fax +90 216 380 67 87 • E-mail: [tuv-nord@tuv-turkey.com](mailto:tuv-nord@tuv-turkey.com)

PED-2354-2200834


**CERTIFICATE**
**EN ISO 9606-1 141 T BW FM1 S s4 D 50,8 H-L045 ss gb**


Certificate Nr. : 19-IS-1948-TAT-20-WLD-1463

 Manufacturer's welding procedure spec. : **EKN-WPS03**

 Surname / first name of the welder: **ALTIN, Ahmet**

Identification / Method of identification

**ID-Card / 14371745170**

Date / Place of birth

**01.09.1987 / Hizan/BİTLİS**

Employer:

**Ekin Endüstriyel Isıtma ve Soğutma Sanayi LTD. ŞTİ.**

Code / Testing Standard

**EN ISO 9606-1**

 Examining body: **TÜV AUSTRIA CERT GMBH**  
**A-1230 Wien, Deutschstraße 10**

 Examiner: **Yunus KULAK**

 Welder's identification mark : **AA**

 Approval acc. to PED : **TÜV AUSTRIA CERT GMBH**  
**Recognized third party organization**  
**according to article 24 of directive 2014/68/EU**

| Test data - Details                   |                                 | Scope                 |
|---------------------------------------|---------------------------------|-----------------------|
| Welding process                       | 141                             | 141,142,143,145       |
| Transfer mode                         | -                               | -                     |
| Product type (Plate or Tube)          | T                               | T                     |
| Type of weld                          | BW                              | BW                    |
| Parent material group(s)              | CR ISO 15608 Group 1.2          | -                     |
| Filler metal group                    | FM1/S                           | FM1, FM2 / S.M        |
| Filer material (designation)          | TS EN ISO 636-A:09 ER 70 S - 6  | -                     |
| Shielding gas                         | ISO 14175-I1                    | -                     |
| Auxiliaries                           | EN ISO 6848 – Wth20 Ø2,4*175 mm | -                     |
| Type of current and polarity          | DC(-)                           | -                     |
| Material thickness of test piece (mm) | 4                               | -                     |
| Deposited thickness (mm)              | 4                               | 3 to 8 mm             |
| Outside pipe diameter (mm)            | 50,8                            | ≥25,4                 |
| Welding position                      | H-L045                          | PA, PC, PE, PF,H-L045 |
| Details of weld seam                  | ss gb                           | ss gb, ss mb, bs      |

See supplementary sheet and/or Manufacturer's welding procedure specification for additional information  
 (Reports No: VT: VT-0120-059-002 (North)- Tensile and Bend: 0613.20.1295 -- Notched: 0613.20.1296 -- Hardness: 0613.20.1297 --  
 Macro : 0613.20.1298 QVV )

|                      | Performed and accepted | Not required |
|----------------------|------------------------|--------------|
| Visual Testing       | X                      |              |
| Radiographic Test    |                        | X            |
| Ultrasonic test      |                        | X            |
| Penetrant Test       |                        | X            |
| Macro section        | X                      |              |
| Fracture test        |                        | X            |
| Bend test            | X                      |              |
| Notched Tensile test | X                      |              |
| Additional tests     |                        | X            |
| Hardness test        | X                      |              |
| Job knowledge        |                        | X            |

| Extension acc. to point 9.3 a |           |
|-------------------------------|-----------|
| Date                          | Signature |
|                               |           |
|                               |           |
|                               |           |
|                               |           |

 Name and Signature: **Ali Osman ÖZVEREN**

 Certification Body: **TÜV AUSTRIA CERT GMBH**

 Place of issue: **İstanbul**  
 Date of issue: **09.03.2020**

 Place of testing: **İstanbul**  
 Date of testing: **03.01.2020**

 Acc. to 9.3.a  
 Valid until: **02.01.2023**



# CERTIFICATE

EN ISO 9606-1 141 P BW FM1 S s12 PF ss nb



Certificate Nr. : 19-IS-1948-TAT-20-WLD-1461

Manufacturer's welding procedure spec. : **EKN-WPS01**

Surname / first name of the welder: **ALTIN, Ahmet**

Identification / Method of identification

**ID-Card / 14371745170**

Date / Place of birth

**01.09.1987 / Hizan/BİTLİS**

Employer:

**Ekin Endüstriyel Isıtma ve Soğutma Sanayi LTD. ŞTİ.**

Code / Testing Standard

**EN ISO 9606-1**

Examining body: **TÜV AUSTRIA CERT GMBH**  
**A-1230 Wien, Deutschstraße 10**

Examiner: **Yunus KULAK**

Welder's identification mark : **AA**

Approval acc. to PED : **TÜV AUSTRIA CERT GMBH**  
**Recognized third party organization**  
**according to article 24 of directive 2014/68/EU**

| Test data - Details                   |                                 | Scope                             |
|---------------------------------------|---------------------------------|-----------------------------------|
| Welding process                       | 141                             | 141,142,143,145                   |
| Transfer mode                         | -                               | -                                 |
| Product type (Plate or Tube)          | P                               | P, T:(Fixed ≥500 mm, Rot. ≥75 mm) |
| Type of weld                          | BW                              | BW                                |
| Parent material group(s)              | CR ISO 15608 Group 1.2          | -                                 |
| Filler metal group                    | FM1/S                           | FM1, FM2 / S.M                    |
| Filler material (designation)         | TS EN ISO 636-A:09 ER 70 S - 6  | -                                 |
| Shielding gas                         | ISO 14175-I1                    | -                                 |
| Auxiliaries                           | EN ISO 6848 – Wth20 Ø2.4*175 mm | -                                 |
| Type of current and polarity          | DC(-)                           | -                                 |
| Material thickness of test piece (mm) | 12                              | -                                 |
| Deposited thickness (mm)              | 12                              | ≥3                                |
| Outside pipe diameter (mm)            | -                               | -                                 |
| Welding position                      | PF                              | PA, PF                            |
| Details of weld seam                  | ss nb                           | ss nb, bs, ss mb                  |

See supplementary sheet and/or Manufacturer's welding procedure specification for additional information  
(Reports No: VT: VT-0120-059-002 (North)- Macro: 06.12.20.1294 – 4 Bend: 0612.20.1291 – Hardness: 0612.20.1293 – Notched: 0612.20.1292 – Tensile Bend: 0612.20.1291 QVV)

|                      | Performed and accepted | Not required |
|----------------------|------------------------|--------------|
| Visual Testing       | X                      |              |
| Radiographic Test    |                        | X            |
| Ultrasonic test      |                        | X            |
| Penetrant Test       |                        | X            |
| Macro section        | X                      |              |
| Fracture test        |                        | X            |
| Dend test            | X                      |              |
| Notched Tensile test | X                      |              |
| Additional tests     |                        | X            |
| Hardness test        | X                      |              |
| Job knowledge        |                        | X            |

| Extension acc. to point 9.3 a |           |
|-------------------------------|-----------|
| Date                          | Signature |
|                               |           |
|                               |           |
|                               |           |
|                               |           |

Name and Signature: **Ali Osman ÖZVEREN**

Certification Body: **TÜV AUSTRIA CERT GMBH**

Place of issue: **İstanbul**

Date of issue: **09.03.2020**

Place of testing: **İstanbul**

Date of testing: **03.01.2020**

Acc. to 9.3.a

Valid until: **02.01.2023**

TUV AUSTRIA

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## Certificates



# CERTIFICATE

EN ISO 9606-1 141 P FW FM1 S s15 PB ml



Certificate Nr. : 19-IS-1948-TAT-20-WLD-1459

Manufacturer's welding procedure spec. : **EKN-WPS02**

Surname / first name of the welder: **CAN, Levent**

Identification / Method of identification

**ID-Card / 43123540664**

Date / Place of birth

**01.09.1987 / Cide/KASTAMONU**

Employer:

**Ekin Endüstriyel Isıtma ve Soğutma Sanayi LTD. ŞTİ.**

Code / Testing Standard

**EN ISO 9606-1**

Examining body: **TÜV AUSTRIA CERT GMBH**  
**A-1230 Wien, Deutschstraße 10**

Examiner: **Yunus KULAK**

Welder's identification mark : **LC**

Approval acc. to PED : **TÜV AUSTRIA CERT GMBH**  
**Recognized third party organization**  
**according to article 24 of directive 2014/68/EU**

| Test data - Details                   |                                 | Scope           |
|---------------------------------------|---------------------------------|-----------------|
| Welding process                       | 141                             | 141,142,143,145 |
| Transfer mode                         | -                               | -               |
| Product type (Plate or Tube)          | P                               | P               |
| Type of weld                          | FW                              | FW              |
| Parent material group(s)              | CR ISO 15608 Group 1.2          | -               |
| Filler metal group                    | FM1/S                           | FM1, FM2 / S.M  |
| Filler material (designation)         | TS EN ISO 636-A:09 ER 70 S - 6  | -               |
| Shielding gas                         | ISO 14175-11                    | -               |
| Auxiliaries                           | EN ISO 6848 – Wth20 Ø2.4*175 mm | -               |
| Type of current and polarity          | DC(-)                           | -               |
| Material thickness of test piece (mm) | 15                              | ≥3              |
| Deposited thickness (mm)              | -                               | -               |
| Outside pipe diameter (mm)            | -                               | -               |
| Welding position                      | PB                              | PA, PB          |
| Details of weld seam                  | ml                              | Sl, ml          |

See supplementary sheet and/or Manufacturer's welding procedure specification for additional information  
(Reports No: VT: VT-0120-059-002 (North)- Fracture Test: 0615.20.1300 QVV)

|                      | Performed and accepted | Not required |
|----------------------|------------------------|--------------|
| Visual Testing       | X                      |              |
| Radiographic Test    |                        | X            |
| Ultrasonic test      |                        | X            |
| Penetrant Test       |                        | X            |
| Macro section        |                        | X            |
| Fracture test        | X                      |              |
| Bend test            |                        | X            |
| Notched Tensile test |                        | X            |
| Additional tests     |                        | X            |
| Hardness test        |                        | X            |
| Job knowledge        |                        | X            |

| Extension acc. to point 9.3 a |           |
|-------------------------------|-----------|
| Date                          | Signature |
|                               |           |
|                               |           |
|                               |           |
|                               |           |

Name and Signature: **Ali Osman ÖZVEREN**

Certification Body: **TÜV AUSTRIA CERT GMBH**

Place of issue: **Istanbul**

Date of issue: **09.03.2020** \*

Place of testing: **Istanbul**

Date of testing: **03.01.2020**

Acc. to 9.3.a

Valid until: **02.01.2023**

\*Details on supplementary sheet, if required



\*\*In case of proper confirmation of employer or supervisor ( acc. to testing standard)

|                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                          | <b>YERLİ MALİ BELGESİ</b>           |   |
| <b>İSTANBUL SANAYİ ODASI</b>                                                                                                                                                                                                                                                                                                                                              |                                     |                                                                                      |
| Belgenin Veriliş Tarihi : 07.03.2022 Belgenin Geçerlilik Tarihi : 07.03.2023 Belge No : 2022108392379                                                                                                                                                                                                                                                                     |                                     |                                                                                      |
| Üretici Ünvanı: EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SANAYİ VE TİCARET LİMİTED ŞİRKETİ                                                                                                                                                                                                                                                                                         |                                     |                                                                                      |
| İşyeri Adresi: Dudullu Osb Mahallesi Des Sanayi Sitesi 107 Sokak B14 Blok No:2-4-6-8 ÜMRANIYE/İSTANBUL                                                                                                                                                                                                                                                                    |                                     |                                                                                      |
| Üreticinin Vergi Kimlik No: 3280358712 TC Kimlik No: MERSİS No : 0328035871200033                                                                                                                                                                                                                                                                                         |                                     |                                                                                      |
| Telefon: 216-6601305                                                                                                                                                                                                                                                                                                                                                      | E-posta: info@ekinendustriyel.com   |                                                                                      |
| Faks: 216-6601308                                                                                                                                                                                                                                                                                                                                                         | Web Adresi: www.ekinendustriyel.com |                                                                                      |
| Ticaret Sicil No: 892608                                                                                                                                                                                                                                                                                                                                                  | Üye Sicil No: 35428                 |                                                                                      |
| Ürün Adı: Blower                                                                                                                                                                                                                                                                                                                                                          |                                     |                                                                                      |
| Ürün Kodu (PRODCOM/GTİP): 28.25.20.50.00 /                                                                                                                                                                                                                                                                                                                                |                                     |                                                                                      |
| Teknik Özellikleri(Marka Adı, Modeli, Seri Numarası, Cinsi):                                                                                                                                                                                                                                                                                                              |                                     |                                                                                      |
| MARKA: MIT                                                                                                                                                                                                                                                                                                                                                                |                                     |                                                                                      |
| Kapasite Raporunun Tarih :15.02.2022 No : 6735 Geçerlilik Süresi :15.02.2024                                                                                                                                                                                                                                                                                              |                                     |                                                                                      |
| Sanayi Sicil Belgesinin Tarih : 14.03.2008 No : 563145                                                                                                                                                                                                                                                                                                                    |                                     |                                                                                      |
| Yerli Katkı Oranı : % 99,90                                                                                                                                                                                                                                                                                                                                               |                                     |                                                                                      |
| Ürünün Teknolojik Düzeyi (düşük/orta-düşük/orta-yüksek/yüksek)(Eurostat) : orta-yüksek                                                                                                                                                                                                                                                                                    |                                     |                                                                                      |
| Diğer bilgi ve belgeler :                                                                                                                                                                                                                                                                                                                                                 |                                     |                                                                                      |
| İşbu belge Bilim, Sanayi ve Teknoloji Bakanlığı'nın 13/09/2014 tarih ve 29118 sayılı Resmi Gazetede yayımlanan "Yerli Malı Tebliği (SGM 2014/35)"ne istinaden ve TOBB tarafından hazırlanan "Yerli Malı Belgesinin Düzenlenmesi Uygulama Esaslarına" göre 07.03.2022 tarihinde düzenlenmiştir. Belgenin geçerlilik süresi veriliş tarihinden itibaren bir yıl geçerlidir. |                                     |                                                                                      |
| Düzenleyen Oda/Borsa<br>İSTANBUL SANAYİ ODASI                                                                                                                                                                                                                                                                                                                             |                                     |  |

13 Eylül 2021

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------|
| <br><b>İSTANBUL<br/>SANAYİ ODASI</b>                                                                                                                                                                                                                                                         | <b>YERLİ MALİ BELGESİ</b>           |   |
| Belgenin Veriliş Tarihi : 13.09.2021 Belgenin Geçerlilik Tarihi : 13.09.2022 Belge No : 2021108383843                                                                                                                                                                                                                                                                         |                                     |                                                                                      |
| Üretici Ünvanı: EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SANAYİ VE TİCARET LİMİTED ŞİRKETİ                                                                                                                                                                                                                                                                                             |                                     |                                                                                      |
| İşyeri Adresi: Dudullu Osb Mahallesi Des Sanayi Sitesi 107 Sokak B14 Blok No:2-4-6-8 ÜMRANİYE/İSTANBUL                                                                                                                                                                                                                                                                        |                                     |                                                                                      |
| Üreticinin Vergi Kimlik No: 3280358712 TC Kimlik No: MERSİS No : 0328035871200033                                                                                                                                                                                                                                                                                             |                                     |                                                                                      |
| Telefon: 216-6601305                                                                                                                                                                                                                                                                                                                                                          | E-posta: info@ekinendustriyel.com   |                                                                                      |
| Faks: 216-6601308                                                                                                                                                                                                                                                                                                                                                             | Web Adresi: www.ekinendustriyel.com |                                                                                      |
| Ticaret Sicil No: 892608                                                                                                                                                                                                                                                                                                                                                      | Üye Sicil No: 35428                 |                                                                                      |
| Ürün Adı: Eşanjör (ısı değiştirici) (borulu tip)                                                                                                                                                                                                                                                                                                                              |                                     |                                                                                      |
| Ürün Kodu (PRODCOM/GTİP): 28.25.11.30.00 /                                                                                                                                                                                                                                                                                                                                    |                                     |                                                                                      |
| Teknik Özellikleri(Marka Adı, Modeli, Seri Numarası, Cinsi): Marka Adı: MIT Modeli:304 Kalite Paslanmaz                                                                                                                                                                                                                                                                       |                                     |                                                                                      |
| Kapasite Raporunun Tarih :13.02.2020 No : 5603                                                                                                                                                                                                                                                                                                                                | Geçerlilik Süresi :13.02.2022       |                                                                                      |
| Sanayi Sicil Belgesinin Tarih : 14.03.2008 No : 563145                                                                                                                                                                                                                                                                                                                        |                                     |                                                                                      |
| Yerli Katkı Oranı : % 100                                                                                                                                                                                                                                                                                                                                                     |                                     |                                                                                      |
| Ürünün Teknolojik Düzeyi (düşük/orta-düşük/orta-yüksek/yüksek)(Eurostat) : orta-yüksek                                                                                                                                                                                                                                                                                        |                                     |                                                                                      |
| Diğer bilgi ve belgeler :                                                                                                                                                                                                                                                                                                                                                     |                                     |                                                                                      |
| İşbu belge Bilim, Sanayi ve Teknoloji Bakanlığı'nın 13/09/2014 tarih ve 29118 sayılı Resmi Gazetede yayımlanan " Yerli Malı Tebliği (SGM 2014/35) "ne istinaden ve TOBB tarafından hazırlanan " Yerli Malı Belgesinin Düzenlenmesi Uygulama Esaslarına " göre 13.09.2021 tarihinde düzenlenmiştir. Belgenin geçerlilik süresi veriliş tarihinden itibaren bir yıl geçerlidir. |                                     |                                                                                      |
| Düzenleyen Oda/Borsa<br>İSTANBUL SANAYİ ODASI                                                                                                                                                                                                                                                                                                                                 |                                     | Onaylayan<br>Mehmet ÇAYDAR<br>Şube Müdürü                                            |
|                                                                                                                                                                                                                                                                                                                                                                               |                                     |  |

|                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                          | 01 Mart 2022 002439                 |   |
| <b>İSTANBUL SANAYİ ODASI</b>                                                                                                                                                                                                                                                                                                                                              |                                     |                                                                                      |
| <b>YERLİ MALİ BELGESİ</b>                                                                                                                                                                                                                                                                                                                                                 |                                     |                                                                                      |
| Belgenin Veriliş Tarihi : 28.02.2022 Belgenin Geçerlilik Tarihi : 28.02.2023 Belge No : 2022108392051                                                                                                                                                                                                                                                                     |                                     |                                                                                      |
| Üretici Ünvanı: EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SANAYİ VE TİCARET LİMİTED ŞİRKETİ                                                                                                                                                                                                                                                                                         |                                     |                                                                                      |
| İşyeri Adresi: Dudullu Osb Mahallesi Des Sanayi Sitesi 107 Sokak B14 Blok No:2-4-6-8 ÜMRANIYE/İSTANBUL                                                                                                                                                                                                                                                                    |                                     |                                                                                      |
| Üreticinin Vergi Kimlik No: 3280358712 TC Kimlik No: MERSİS No : 0328035871200033                                                                                                                                                                                                                                                                                         |                                     |                                                                                      |
| Telefon: 216-6601305                                                                                                                                                                                                                                                                                                                                                      | E-posta: info@ekinendustriyel.com   |                                                                                      |
| Faks: 216-6601308                                                                                                                                                                                                                                                                                                                                                         | Web Adresi: www.ekinendustriyel.com |                                                                                      |
| Ticaret Sicil No: 892608                                                                                                                                                                                                                                                                                                                                                  | Üye Sicil No: 35428                 |                                                                                      |
| Ürün Adı: Boyler (borulu tip)                                                                                                                                                                                                                                                                                                                                             |                                     |                                                                                      |
| Ürün Kodu (PRODCOM/GTİP): 25.21.12.00.00 /                                                                                                                                                                                                                                                                                                                                |                                     |                                                                                      |
| Teknik Özellikleri(Marka Adı, Modeli, Seri Numarası, Cinsi):                                                                                                                                                                                                                                                                                                              |                                     |                                                                                      |
| MARKA: MIT                                                                                                                                                                                                                                                                                                                                                                |                                     |                                                                                      |
| MODEL: Boiler S-300-0001-2021                                                                                                                                                                                                                                                                                                                                             |                                     |                                                                                      |
| SERİ No: 1                                                                                                                                                                                                                                                                                                                                                                |                                     |                                                                                      |
| Kapasite Raporunun Tarih :15.02.2022 No : 6735 Geçerlilik Süresi :15.02.2024                                                                                                                                                                                                                                                                                              |                                     |                                                                                      |
| Sanayi Sicil Belgesinin Tarih : 14.03.2008 No : 563145                                                                                                                                                                                                                                                                                                                    |                                     |                                                                                      |
| Yerli Katkı Oranı : % 77,06                                                                                                                                                                                                                                                                                                                                               |                                     |                                                                                      |
| Ürünün Teknolojik Düzeyi (düşük/orta-düşük/orta-yüksek/yüksek)(Eurostat) : orta-düşük                                                                                                                                                                                                                                                                                     |                                     |                                                                                      |
| Diğer bilgi ve belgeler :                                                                                                                                                                                                                                                                                                                                                 |                                     |                                                                                      |
| İşbu belge Bilim, Sanayi ve Teknoloji Bakanlığı'nın 13/09/2014 tarih ve 29118 sayılı Resmi Gazetede yayımlanan "Yerli Malı Tebliği (SGM 2014/35)"ne istinaden ve TOBB tarafından hazırlanan "Yerli Malı Belgesinin Düzenlenmesi Uygulama Esaslarına" göre 28.02.2022 tarihinde düzenlenmiştir. Belgenin geçerlilik süresi veriliş tarihinden itibaren bir yıl geçerlidir. |                                     |                                                                                      |
| Düzenleyen Oda/Borsa<br>İSTANBUL SANAYİ ODASI                                                                                                                                                                                                                                                                                                                             |                                     | Onaylayan<br>Memmet ÇAVDAR<br>Şube Müdürü                                            |
|                                                                                                                                                                                                                                                                                                                                                                           |                                     |  |



009271  
13 Eylül 2021

  
**İSTANBUL  
SANAYİ ODASI**

## YERLİ MALI BELGESİ



|                                                                                                                                                                                                                                                                                                                                                                           |                    |                                         |                                                                                      |                              |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------|--------------------------------------------------------------------------------------|------------------------------|--|
| Belgenin Veriliş Tarihi : 13.09.2021                                                                                                                                                                                                                                                                                                                                      |                    | Belgenin Geçerlilik Tarihi : 13.09.2022 |                                                                                      | Belge No : 2021108383842     |  |
| Üretici Ünvanı: EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SANAYİ VE TİCARET LİMİTED ŞİRKETİ                                                                                                                                                                                                                                                                                         |                    |                                         |                                                                                      |                              |  |
| İşyeri Adresi: Dudullu Osb Mahallesi Des Sanayi Sitesi 107 Sokak B14 Blok No:2-4-6-8 ÜMRANIYE/İSTANBUL                                                                                                                                                                                                                                                                    |                    |                                         |                                                                                      |                              |  |
| Üreticinin Vergi Kimlik No: 3280358712                                                                                                                                                                                                                                                                                                                                    |                    | TC Kimlik No:                           |                                                                                      | MERSİS No : 0328035871200033 |  |
| Telefon:                                                                                                                                                                                                                                                                                                                                                                  | 216-6601305        | E-posta:                                | info@ekinendustriyel.com                                                             |                              |  |
| Faks:                                                                                                                                                                                                                                                                                                                                                                     | 216-6601308        | Web Adresi:                             | www.ekinendustriyel.com                                                              |                              |  |
| Ticaret Sicil No:                                                                                                                                                                                                                                                                                                                                                         | 892608             | Üye Sicil No:                           | 35428                                                                                |                              |  |
| Ürün Adı: Loblu pompa                                                                                                                                                                                                                                                                                                                                                     |                    |                                         |                                                                                      |                              |  |
| Ürün Kodu (PRODCOM/GTİP): 28.13.13.80.00 /                                                                                                                                                                                                                                                                                                                                |                    |                                         |                                                                                      |                              |  |
| Teknik Özellikleri(Marka Adı, Modeli, Seri Numarası, Cinsi): Marka Adı: MIT                                                                                                                                                                                                                                                                                               |                    |                                         |                                                                                      |                              |  |
| Kapasite Raporunun                                                                                                                                                                                                                                                                                                                                                        | Tarih :13.02.2020  | No : 5603                               | Geçerlilik Süresi :13.02.2022                                                        |                              |  |
| Sanayi Sicil Belgesinin                                                                                                                                                                                                                                                                                                                                                   | Tarih : 14.03.2008 | No : 563145                             |                                                                                      |                              |  |
| Yerli Katkı Oranı : % 100                                                                                                                                                                                                                                                                                                                                                 |                    |                                         |                                                                                      |                              |  |
| Ürünün Teknolojik Düzeyi (düşük/orta-düşük/orta-yüksek/yüksek)(Eurostat) : orta-yüksek                                                                                                                                                                                                                                                                                    |                    |                                         |                                                                                      |                              |  |
| Diğer bilgi ve belgeler :                                                                                                                                                                                                                                                                                                                                                 |                    |                                         |                                                                                      |                              |  |
| İşbu belge Bilim, Sanayi ve Teknoloji Bakanlığı'nın 13/09/2014 tarih ve 29118 sayılı Resmi Gazetede yayımlanan "Yerli Malı Tebliği (SGM 2014/35)"ne istinaden ve TOBB tarafından hazırlanan "Yerli Malı Belgesinin Düzenlenmesi Uygulama Esaslarına" göre 13.09.2021 tarihinde düzenlenmiştir. Belgenin geçerlilik süresi veriliş tarihinden itibaren bir yıl geçerlidir. |                    |                                         |                                                                                      |                              |  |
| Düzenleyen Oda/Borsa<br>İSTANBUL SANAYİ ODASI                                                                                                                                                                                                                                                                                                                             |                    |                                         | Onaylayan<br>Mehmet ÇAVDAR<br>Şube Müdürü                                            |                              |  |
|                                                                                                                                                                                                                                                                                                                                                                           |                    |                                         |  |                              |  |

|                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                          | 01 Mart 2022 002438                 |   |
| <b>İSTANBUL SANAYİ ODASI</b>                                                                                                                                                                                                                                                                                                                                              |                                     |                                                                                      |
| Belgenin Veriliş Tarihi : 28.02.2022 Belgenin Geçerlilik Tarihi : 28.02.2023 Belge No : 2022108392052                                                                                                                                                                                                                                                                     |                                     |                                                                                      |
| Üretici Ünvanı: EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SANAYİ VE TİCARET LİMİTED ŞİRKETİ                                                                                                                                                                                                                                                                                         |                                     |                                                                                      |
| İşyeri Adresi: Dudullu Osb Mahallesi Des Sanayi Sitesi 107 Sokak B14 Blok No:2-4-6-8 ÜMRANIYE/İSTANBUL                                                                                                                                                                                                                                                                    |                                     |                                                                                      |
| Üreticinin Vergi Kimlik No: 3280358712 TC Kimlik No: MERSİS No : 0328035871200033                                                                                                                                                                                                                                                                                         |                                     |                                                                                      |
| Telefon: 216-6601305                                                                                                                                                                                                                                                                                                                                                      | E-posta: info@ekinendustriyel.com   |                                                                                      |
| Faks: 216-6601308                                                                                                                                                                                                                                                                                                                                                         | Web Adresi: www.ekinendustriyel.com |                                                                                      |
| Ticaret Sicil No: 892608                                                                                                                                                                                                                                                                                                                                                  | Üye Sicil No: 35428                 |                                                                                      |
| Ürün Adı: Plakalı ısı eşanjörü                                                                                                                                                                                                                                                                                                                                            |                                     |                                                                                      |
| Ürün Kodu (PRODCOM/GTİP): 28.25.11.30.00 /                                                                                                                                                                                                                                                                                                                                |                                     |                                                                                      |
| Teknik Özellikleri(Marka Adı, Modeli, Seri Numarası, Cinsi):                                                                                                                                                                                                                                                                                                              |                                     |                                                                                      |
| MARKA: MIT                                                                                                                                                                                                                                                                                                                                                                |                                     |                                                                                      |
| MODEL: 514-75-2021                                                                                                                                                                                                                                                                                                                                                        |                                     |                                                                                      |
| SERİ No: 1                                                                                                                                                                                                                                                                                                                                                                |                                     |                                                                                      |
| Kapasite Raporunun Tarih :15.02.2022 No : 6735 Geçerlilik Süresi :15.02.2024                                                                                                                                                                                                                                                                                              |                                     |                                                                                      |
| Sanayi Sicil Belgesinin Tarih : 14.03.2008 No : 563145                                                                                                                                                                                                                                                                                                                    |                                     |                                                                                      |
| Yerli Katkı Oranı : % 63,98                                                                                                                                                                                                                                                                                                                                               |                                     |                                                                                      |
| Ürünün Teknolojik Düzeyi (düşük/orta-düşük/orta-yüksek/yüksek)(Eurostat) : orta-yüksek                                                                                                                                                                                                                                                                                    |                                     |                                                                                      |
| Diğer bilgi ve belgeler :                                                                                                                                                                                                                                                                                                                                                 |                                     |                                                                                      |
| İşbu belge Bilim, Sanayi ve Teknoloji Bakanlığı'nın 13/09/2014 tarih ve 29118 sayılı Resmi Gazetede yayımlanan "Yerli Malı Tebliği (SGM 2014/35)"ne istinaden ve TOBB tarafından hazırlanan "Yerli Malı Belgesinin Düzenlenmesi Uygulama Esaslarına" göre 28.02.2022 tarihinde düzenlenmiştir. Belgenin geçerlilik süresi veriliş tarihinden itibaren bir yıl geçerlidir. |                                     |                                                                                      |
| Düzenleyen Oda/Borsa<br>İSTANBUL SANAYİ ODASI                                                                                                                                                                                                                                                                                                                             |                                     | Onaylayan<br>Mehmet CAVUDAR<br>Şube Müdürü                                           |
|                                                                                                                                                                                                                                                                                                                                                                           |                                     |  |

|                                                                                                                                                                                                                                                                                                                                                                           |                                                  |                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <br><b>İSTANBUL<br/>SANAYİ ODASI</b>                                                                                                                                                                                                                                                     | 01 Mart 2022 002440<br><b>YERLİ MALİ BELGESİ</b> |                                                |
| Belgenin Veriliş Tarihi : 28.02.2022 Belgenin Geçerlilik Tarihi : 28.02.2023 Belge No : 2022108392054                                                                                                                                                                                                                                                                     |                                                  |                                                                                                                                   |
| Üretici Ünvanı: EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SANAYİ VE TİCARET LİMİTED ŞİRKETİ                                                                                                                                                                                                                                                                                         |                                                  |                                                                                                                                   |
| İşyeri Adresi: Dudullu Osb Mahallesi Des Sanayi Sitesi 107 Sokak B14 Blok No:2-4-6-8 ÜMRANIYE/İSTANBUL                                                                                                                                                                                                                                                                    |                                                  |                                                                                                                                   |
| Üreticinin Vergi Kimlik No: 3280358712 TC Kimlik No: MERSİS No : 0328035871200033                                                                                                                                                                                                                                                                                         |                                                  |                                                                                                                                   |
| Telefon: 216-6601305                                                                                                                                                                                                                                                                                                                                                      | E-posta: info@ekinendustriyel.com                |                                                                                                                                   |
| Faks: 216-6601308                                                                                                                                                                                                                                                                                                                                                         | Web Adresi: www.ekinendustriyel.com              |                                                                                                                                   |
| Ticaret Sicil No: 892608                                                                                                                                                                                                                                                                                                                                                  | Üye Sicil No: 35428                              |                                                                                                                                   |
| Ürün Adı: Plakalı ısı eşanjörü<br>Ürün Kodu (PRODCOM/GTİP): 28.25.11.30.00 /<br>Teknik Özellikleri(Marka Adı, Modeli, Seri Numarası, Cinsi):<br>MARKA: MIT<br>MODEL: 522-61-2021<br>SERİ No: 1                                                                                                                                                                            |                                                  |                                                                                                                                   |
| Kapasite Raporunun Tarih :15.02.2022 No : 6735 Geçerlilik Süresi :15.02.2024                                                                                                                                                                                                                                                                                              |                                                  |                                                                                                                                   |
| Sanayi Sicil Belgesinin Tarih : 14.03.2008 No : 563145                                                                                                                                                                                                                                                                                                                    |                                                  |                                                                                                                                   |
| Yerli Katkı Oranı : % 75,96                                                                                                                                                                                                                                                                                                                                               |                                                  |                                                                                                                                   |
| Ürünün Teknolojik Düzeyi (düşük/orta-düşük/orta-yüksek/yüksek)(Eurostat) : orta-yüksek                                                                                                                                                                                                                                                                                    |                                                  |                                                                                                                                   |
| Diğer bilgi ve belgeler :                                                                                                                                                                                                                                                                                                                                                 |                                                  |                                                                                                                                   |
| İşbu belge Bilim, Sanayi ve Teknoloji Bakanlığı'nın 13/09/2014 tarih ve 29118 sayılı Resmi Gazetede yayımlanan "Yerli Malı Tebliği (SGM 2014/35)"ne istinaden ve TOBB tarafından hazırlanan "Yerli Malı Belgesinin Düzenlenmesi Uygulama Esaslarına" göre 28.02.2022 tarihinde düzenlenmiştir. Belgenin geçerlilik süresi veriliş tarihinden itibaren bir yıl geçerlidir. |                                                  |                                                                                                                                   |
| Düzenleyen Oda/Borsa<br>İSTANBUL SANAYİ ODASI                                                                                                                                                                                                                                                                                                                             |                                                  | Onaylayan<br>Mehmet ÇAVDAR<br>Şube Müdürü<br> |

13 Eylül 2021

009270

**İSTANBUL  
SANAYİ ODASI****YERLİ MALİ BELGESİ**

Belgenin Veriliş Tarihi : 13.09.2021 Belgenin Geçerlilik Tarihi : 13.09.2022 Belge No : 2021108383840

Üretici Ünvanı: EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SANAYİ VE TİCARET LİMİTED ŞİRKETİ

İşyeri Adresi: Dudullu Osb Mahallesi Des Sanayi Sitesi 107 Sokak B14 Blok No:2-4-6-8 ÜMRANİYE/İSTANBUL

Üreticinin Vergi Kimlik No: 3280358712 TC Kimlik No: MERSİS No : 0328035871200033

Telefon: 216-6601305 E-posta: info@ekinendustriyel.com

Faks: 216-6601308 Web Adresi: www.ekinendustriyel.com

Ticaret Sicil No: 892608 Üye Sicil No: 35428

Ürün Adı: Santrifüj pompa

Ürün Kodu (PRODCOM/GTİP): 28.13.14.30.00 /

Teknik Özellikleri(Marka Adı, Modeli, Seri Numarası, Cinsi): Marka Adı: MIT

Kapasite Raporunun Tarih :13.02.2020 No : 5603 Geçerlilik Süresi :13.02.2022

Sanayi Sicil Belgesinin Tarih : 14.03.2008 No : 563145

Yerli Katkı Oranı : % 100

Ürünün Teknolojik Düzeyi (düşük/orta-düşük/orta-yüksek/yüksek)(Eurostat) : orta-yüksek

Diğer bilgi ve belgeler :

İşbu belge Bilim, Sanayi ve Teknoloji Bakanlığı'nın 13/09/2014 tarih ve 29118 sayılı Resmi Gazetede yayımlanan "Yerli Malı Tebliği (SGM 2014/35)"ne istinaden ve TOBB tarafından hazırlanan "Yerli Malı Belgesinin Düzenlenmesi Uygulama Esaslarına" göre 13.09.2021 tarihinde düzenlenmiştir. Belgenin geçerlilik süresi veriliş tarihinden itibaren bir yıl geçerlidir.

Düzenleyen Oda/Borsa  
İSTANBUL SANAYİ ODASI

Onaylayan  
Mehmet ÇAVDAR  
Şube Müdürü



13 Eylül 2021

009269

İSTANBUL  
SANAYİ ODASI

## YERLİ MALİ BELGESİ



Belgenin Veriliş Tarihi : 13.09.2021 Belgenin Geçerlilik Tarihi : 13.09.2022 Belge No : 202110838388  
Üretici Ünvanı: EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SANAYİ VE TİCARET LİMİTED ŞİRKETİ

İşyeri Adresi: Dudullu Osb Mahallesi Des Sanayi Sitesi 107 Sokak B14 Blok No:2-4-6-8 ÜMRANİYE/İSTANBUL

Üreticinin Vergi Kimlik No: 3280358712 TC Kimlik No: MERSİS No : 0328035871200033

Telefon: 216-6601305 E-posta: info@ekinendustriyel.com  
Faks: 216-6601308 Web Adresi: www.ekinendustriyel.com

Ticaret Sicil No: 892608 Üye Sicil No: 35428

Ürün Adı: Soğutma ünitesi

Ürün Kodu (PRODCOM/GTİP): 28.25.13.90.00 /

Teknik Özellikleri(Marka Adı, Modeli, Seri Numarası, Cinsi): Marka Adı: MIT

Kapasite Raporunun Tarih :13.02.2020 No : 5603 Geçerlilik Süresi :13.02.2022

Sanayi Sicil Belgesinin Tarih : 14.03.2008 No : 563145

Yerli Katkı Oranı : % 93,81

Ürünün Teknolojik Düzeyi (düşük/orta-düşük/orta-yüksek/yüksek)(Eurostat) : orta-yüksek

Diğer bilgi ve belgeler :

İşbu belge Bilim, Sanayi ve Teknoloji Bakanlığı'nın 13/09/2014 tarih ve 29118 sayılı Resmî Gazetede yayımlanan "Yerli Malı Tebliği (SGM 2014/35)"ne istinaden ve TOBB tarafından hazırlanan "Yerli Malı Belgesinin Düzenlenmesi Uygulama Esaslarına" göre 13.09.2021 tarihinde düzenlenmiştir. Belgenin geçerlilik süresi veriliş tarihinden itibaren bir yıl geçerlidir.

Düzenleyen Oda/Borsa  
İSTANBUL SANAYİ ODASI

Onaylayan  
Mehmet CAVDAR  
Şube Müdürü





### **A chain is only as strong as its weakest link.**

Running and maintaining a quality production process that meets international standards requires focusing on quality all along the ecosystem. Maintaining this focus requires a unifying vision of constant improvement shared by all stakeholder, and a certain level of expertise for all parties involved. Ekin Academy was established with the principles of continuous development and growing together to share the knowledge and experience that will realize this vision.

We support the development of our employees with training programs that directly contribute to the results in their business processes and make a difference in their personal development. We offer technical trainings on heat transfer, pressure vessels, package systems, food systems and liquid transfer. We help them become individuals who will make a difference with our development programs that covers topics like leadership, strategy, sales and many more. In addition, we provide information regarding installation, operating, maintenance and repairs with our pre and after sales training modules prepared for our business partners and customers.

At Ekin Academy we do not solely focus on the development of our staff, partners and customers. Thanks to our university collaborations, we provide the means for future engineers to put their theoretical knowledge to use with practical applications.



We organize seminars, conferences and trainings for professional chambers, and institutions we collaborate on social responsibility projects. Because we know that only by investing in the society, the industry and the future of the industry, we can become a country known for its high-quality engineering products.

## Sales Team

### An Engineering Approach from Sales to Maintenance

We offer value added pre and after sale services with our customer satisfaction-oriented approach and deep expertise we are more than happy to share. Thanks to our expert engineers that provide proactive solutions, we focus on making a difference throughout the process, from presales to maintenance.

With our “quality product, quality service, quality solution” approach, we are more than a manufacturer and supplier, we are a highly motivated solution partner for all kinds of heating and cooling projects.



#### Customer Satisfaction



Our priority is to ensure customer satisfaction and protect the rights of our customers with our pre-sales processes that analyze customer needs well, quality-registered product range, expert staff and meticulous working methods.

#### Ethical Values



We conduct all our activities in accordance with the laws and then with ethical values. We believe in growing together and we look for mutual benefit in all our business relationships.

#### Privacy Policy



All your personal information shared with our company is guaranteed by our ethical values and our processes in compliance with the Law No. 6698 on Protection of Personal Data.

#### Information Security



All our information technology operations are protected by our information security processes, which are managed in accordance with ISO 27001 Information Security Management System requirements.

## Professional System Solution Center

From our MIT professional system solution center, you can get help with problems with your pumps, heat exchangers and your system. Our solution center consisting of our expert engineers will be happy to help you.

- Domestic hot water installations.
- Central and district heating systems.
- Milk, yogurt, heating, cooling and pasteurization systems.
- Industrial cooling and heating systems.
- Oil cooling systems.
- Energy recovery systems.
- Pool heating systems.
- Steam installations.



It is vital for your system to be designed and implemented correctly in the first installation in order to be able to operate at the desired capacity, smoothness and long life. For this reason, you can get first-hand

the technical support you need during the installation phase of your system and the problems that may arise in the business; You can reach us **24 hours +90 (216) 232 24 12 in 7 days.**



**+90 850 811 04 18**

We would like to reiterate that we will be happy to share our knowledge accumulated over many years with our valued customers in order for your system to work correctly and performance.

Ekin will continue to be the best solution partner for you in all applications with all kinds of heating and cooling applications.



Producer; reserves the right to change the product features, technical dimensions and information and installation diagrams specified in this catalog without notice. No specified information can be copied and used without the permission of the manufacturer. In no way can the manufacturer be held responsible by giving examples of technical information and diagrams. In case of need, we request you to request a special technical drawing for your project for exact dimensions.



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**EKIN ENDÜSTRİYEL**  
Isıtma-Soğutma San. Tic. Ltd. Şti.

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