



**STAINLESS STEEL
PROCESS TANKS
PRODUCT CATALOGUE**

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





Sustainable Innovation, Quality Standardization and Dynamism

Ekin Endüstriyel, which has entered Turkish heating sector by exporting of plated heat exchangers, is known with customer focused vision and dynamism. Ekin has expanded into new and upcoming investments. One of the main steps was gaining the identity of being a producer. Ekin has started the production of plate heat exchangers with the brand of "MIT". We have grown in the philosophy of quality, through initially adapting to ISO Quality Management.

MIT plate heat exchangers have become a solution for engineering problems in the world market and have grown through an expansion of franchises.

Engineering Approaches, Integrated Solutions

Ekin has expanded into the production of components, sales, and after-sales service by employing expert engineers. The factors that guided Ekin to success are their exceptional customer service to the needs and wants of consumers, modern facilities, and becoming partners to projects that involve high-end technology.

Ekin is an expert company which has a wide product range which includes plate heat exchangers, accumulation tanks, water heater tanks, installation, and its service group and submit competitive advantages to mechanical installation sector in Turkey and all around the world.



APPLICATION FIELDS



HEAT TRANSFER PRODUCTS

- Gasketed Plate Heat Exchangers • Brazed Heat Exchangers • Shell&Tube Heat Exchangers • Air Fan Oil Cooler • Economizers • Coils and Radiators



PRESSURE VESSELS

- Water Heater Tanks • Water Storage Tanks • Buffer Tanks • Expansion Tanks • Stainless Steel Process Tanks • Balance Tanks / Dirt Separators / Air Separators • Pressured Air Tanks • Neutralization Tanks • Air Tubes • Steel IBC Tanks with ADR



COMPLETE SYSTEMS UNITS

- Heat Stations • Steam Package Systems • Special Designed Systems • Dosing Systems • Substations • Thermoregulators



FOOD GRADE SYSTEMS

- Pasteurizers with plate heat exchangers • Hygienic Pasteurizers with Shell & Tube Heat Exchangers • Cheese and whey Systems • UHT – Sterilization Systems • CIP Systems • Hygienic Storage and Process Tanks • Homogenizers • Standartization Systems • Evaporators • Turn-key Projects



FLUID TRANSFER PRODUCTS

- Lobe Pumps • Hygienic Centrifuge Pumps • Turbo / Roots / Centrifuge Blowers • Drum Pumps • Acid Pumps • Dosing Pumps • Monopumps • Air operated Double Diaphragm Pumps (AODD)



VALVES

- Thermoplastic Valves • Plastomatic Valves



ENERGY SYSTEMS

- Solar Collectors • Water Heater Tanks for Solar

Contents

1

Stainless Steel
Process Tanks





MIT STAINLESS STEEL ACCUMULATION TANKS AND WATER HEATER TANKS

MIT, one of the most known and preferred brands of Turkey, has been continuing to create new ideas and developments to improve plate heat exchanger sector.

Ekin aims to develop its product range and the most concrete proof of this determination is MIT stainless tanks.

Since the day it is founded with the philosophy of "We have a dream", Ekin personnel, who work nonstop, have been realizing that the dream is becoming true and they raise the bar and continue chasing their dreams.

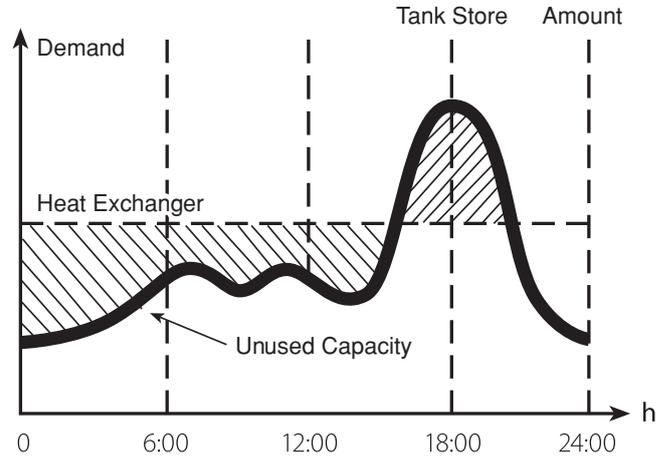


Why Should I Use Stainless Steel Tanks?

In order to obtain the water needed hygienically, they can be easily used in all drinking water and food processes due to their material properties. Due to their extremely long life compared to standard pressure tanks it is recommended to use stainless tanks. Our stainless production tanks offer excellent resistance to corrosion, regardless of the hardness of the mains water. These tanks are able to operate in a long life and in a healthy way at the places of use. Customer-dependent designs can be customized.

Usage Areas

- Apartments
- Drinking water facilities
- Hospitals
- Dormitories
- Sports facilities
- Factories
- Public buildings



Wherever there is a need for hot water, an accumulation tank is used.



Stainless Steel Tanks in different capacities from 100 lt to 30.000 lt.

Accessories that can be added according to customer's request

- Safety valve is also mounted on tanks upon request.
- In addition, our stainless tanks are produced with electric control panel upon request.



Horizontal and vertical models are available.



Why Should I Use Stainless Steel Water Heater Tank and Accumulation Tank?

MIT stainless steel tanks are produced by advanced technology and experienced R & D engineers. As the welding method of the products and the pressure applied during the test are produced by increasing the safety coefficients, they can be used with a long life and suitable for the system. Since our stainless production tanks can be produced with special design according to each system, they can be easily integrated into the systems.

In addition to the robust, long-lasting and hygienic products we have adopted in our production, this quality is the most affordable price policy that can be achieved.

Hygienic + Long Life MIT Stainless Steel Tanks = Smooth Operation

MIT stainless steel boilers and storage tanks are manufactured with hygiene materials that can be safely used in the food industry. Thanks to the custom design serpentine, bacteria are prevented from forming in the boiler. Thanks to the hygienic water inside the MIT stainless tanks, the stored hot water can be used both as domestic hot water and as drinking water.

Corrosion Resistance Is Very High;

All MIT tanks and accumulator tanks made of stainless steel are produced with appropriate materials considering all corrosion types. In addition, galvanic and cathodic protection was increased to a very high level with the magnesium anodes used.

Durability;

The service life of MIT stainless steel tanks and storage tanks is longer than enamel or galvanized immersion chambers due to the structure of the material used. Maintenance and repair is very easy.

Uninterrupted and Trouble-Free Operation;

MIT stainless steel tanks and accumulation tanks provide long life, maintenance and repair facilities, as well as efficient use of energy throughout the system, providing ideal solution for residential and commercial buildings, industrial plants, providing uninterrupted and trouble-free operation.

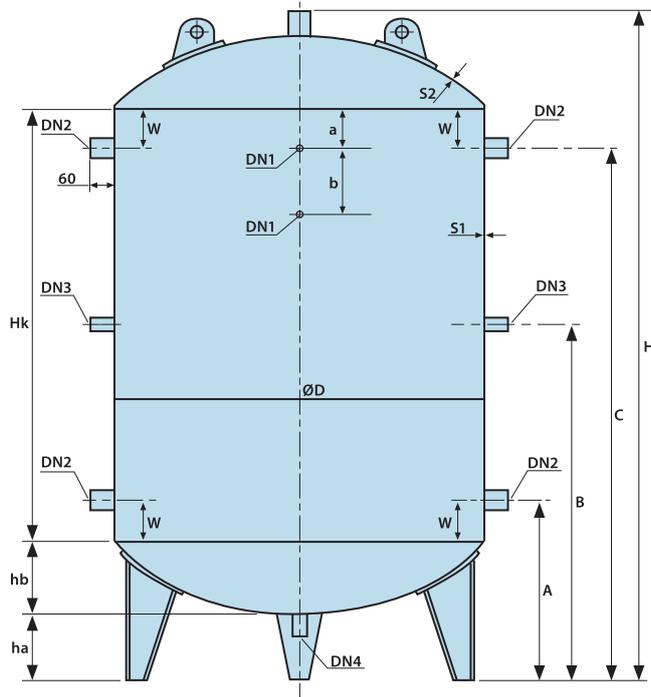


Dimensions and Material Features

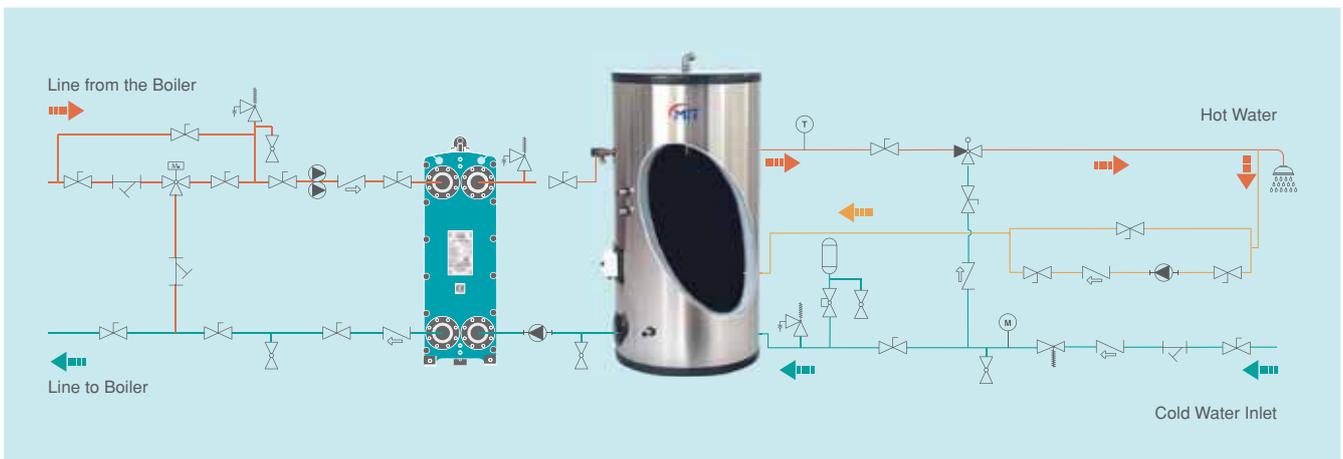
Model		MIT-SS 100	MIT-SS 160	MIT-SS 200	MIT-SS 350	MIT-SS 500	MIT-SS 600	MIT-SS 800
D	mm	400	460	475	550	650	660	780
Dpul	mm	420	500	500	700	820	820	935
A	mm	350	350	350	350	400	400	450
B	mm	650	650	750	875	925	1025	1075
C	mm	900	950	1150	1400	1450	1650	1700
H	mm	1160	1210	1410	1660	1760	1960	2010
Hk	mm	750	800	1000	1250	1250	1450	1450
hb	mm	100	100	100	120	150	150	150
ha	mm	150	150	150	150	150	150	200
w	mm	100	100	100	100	100	100	100
a	mm	100	100	100	100	100	100	100
b	mm	150	150	150	200	200	200	200
DN 1		1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"
DN 2		1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/2"
DN 3		3/4"	3/4"	3/4"	1"	1"	1"	1"
DN 4		3/4"	3/4"	3/4"	1"	1"	1"	1"
Material		AISI 304						
Serpentine		1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Serpentine Surfaces	m ²	0,6	0,85	1,2	1,5	2	2,2	2,92
S1 Body	mm	2	2	2	3	3	3	3
S2 Camber	mm	2	2	3	3	3	3	3

Model		MIT-SS 1000	MIT-SS 1500	MIT-SS 2000	MIT-SS 2500	MIT-SS 3000	MIT-SS 4000	MIT-SS 5000
D	mm	850	1050	1050	1200	1300	1300	1500
Dpul	mm	1055	1290	1290	1500	1590	1590	1830
A	mm	500	580	570	570	600	670	680
B	mm	1100	1130	1445	1370	1425	1770	1780
C	mm	1700	1680	2320	2170	2200	2870	2880
H	mm	2060	2060	2700	2550	2610	3350	3360
Hk	mm	1500	1500	2000	1800	2000	2500	2500
hb	mm	200	220	220	220	250	320	320
ha	mm	200	260	250	250	250	250	260
w	mm	100	100	100	100	100	100	100
a	mm	100	150	150	150	150	150	150
b	mm	200	200	200	200	200	200	200
DN 1		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
DN 2		2"	2 1/2"	2 1/2"	2 1/2"	3"	3"	3"
DN 3		1 1/4"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"
DN 4		1 1/4"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"
Material		AISI 304						
Serpentine		1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"
Serpentine Surfaces	m ²	2,95	4	5	6	7	8	9
S1 Body	mm	3	4	4	4	4	4	5
S2 Camber	mm	4	4	5	5	5	6	6

Dimensions



Accumulations Tank - Connection Diagram



Solar Panel	Temperature Display	Pressure Display	Switch Flow	Pump	Twin Pump	Check Valve	Air Relief Cock
Bypass Valve	Pressure Breaker	Dirt Holder	Discharge Valve	3 Way Valve	Sediment Holder	Air Separat	Expansion Tanks with membrane
Balance Valve	Lock Valve	Radiator Valve	Spherical Valve	Pressure Safety Valve	3 Way Proport. Motor Valve	2 Way Motor Valve	Thermostatic Valve

Water Heater Tank Types

Stainless Steel Tanks

Material: 304 L or 316 L

Insulation

- Polyurethane
- Special sponge
- Glass wool
- Rock wool

Advantages

- Very high corrosive strength
- Very long service life
- High compressive strength
- Low heat loss



MIT Boiler Capacities

- Stainless Steel.
- Cathodic protection is available.
- Soft PU (Sponge) insulation.
- Stitched pipe with serpentine.

- Cleaning hole is available.
- Thermometer is on the boiler.
- Electric heater can be added in desired sizes.

SINGLE SERPANTINE			
Capacity (lt)	Heater Fluid Temperature	Heating Capacity (lt/h) 10 °C - 60 °C	Heating Capacity (lt/h) 10 °C - 45 °C
100	90-70 °C	280	529
	80-60 °C	178	357
160	90-70 °C	400	714
	80-60 °C	238	477
200	90-70 °C	620	1114
	80-60 °C	380	763
300	90-70 °C	620	1114
	80-60 °C	380	763
500	90-70 °C	1080	1857
	80-60 °C	680	1315
800	90-70 °C	1560	2729
	80-60 °C	1020	1915
1000	90-70 °C	1560	2729
	80-60 °C	1020	1915
1500	90-70 °C	2000	3486
	80-60 °C	1300	2458
2000	90-70 °C	2580	4429
	80-60 °C	1680	3143
2500	90-70 °C	3361	5801
	80-60 °C	2200	4115
3000	90-70 °C	3881	6687
	80-60 °C	2560	4744
4000	90-70 °C	4120	6870
	80-60 °C	3020	5220
5000	90-70 °C	5430	8750
	80-60 °C	4230	6600

DOUBLE SERPANTINE			
Capacity (lt)	Heater Fluid Temperature	Heating Capacity (Top+Bottom) (lt/h) 10 °C - 60 °C	Heating Capacity (Top+Bottom) (lt/h) 10 °C - 45 °C
160	90-70 °C	432	797
	80-60 °C	238	508
200	90-70 °C	568	1032
	80-60 °C	328	683
300	90-70 °C	568	1032
	80-60 °C	328	683
500	90-70 °C	1708	2971
	80-60 °C	1068	2078
800	90-70 °C	2260	3978
	80-60 °C	1460	2772
1000	90-70 °C	2260	3978
	80-60 °C	1460	2772
1500	90-70 °C	2700	4735
	80-60 °C	1740	3315
2000	90-70 °C	3750	6475
	80-60 °C	2430	4572
2500	90-70 °C	4801	8287
	80-60 °C	3120	5864
3000	90-70 °C	5696	9773
	80-60 °C	3710	6916
4000	90-70 °C	2100	4250
	80-60 °C	1230	3210
5000	90-70 °C	3050	4800
	80-60 °C	1730	4010

80 °C 90-70 Boiler 70 °C 80-60 Boiler



Ekin is aware that the progress in its sector is possible through continuous development and learning.

Ekin Academy, established with this awareness, aims to provide high-quality and sustainable development with its modern education methods, to provide successful employees and to provide value to the society through social responsibility projects.

Training and development programs that will make a direct contribution to the results of our employees' work processes and which will make a difference in their personal development are prepared by Ekin Academy.

For our business partners and customers, our training modules prepared by our expert staff provide training support for pre-sales and post-sales issues such as commissioning, operation, maintenance and repair of our products.

In cooperation with universities within the scope of corporate social responsibility projects, we are experiencing the happiness of adding value to the society by allowing the engineer candidate, who aims to take place in the fields where Ekin is active, to meet with the sector and to experience the theoretical knowledge acquired in the fields of application.

In-Company Trainings

Ekin Academy conducts technical, leadership, strategy development, sales and training and development programs for different tasks in the fields of heat transfer, pressure vessels, package systems, food systems and liquid transfer.



Out-of-Company Trainings

We are realizing conferences and training activities to our business partners, professional groups and institutions where we carry out social responsibility projects in various locations of Turkey.



SALES TEAM

At Ekin, we produce a proactive solution by our engineering staff who are specialized in their field. Our team, which works with the aim of unconditional customer satisfaction, works selflessly in order to gain customer loyalty by raising the bar of success in products, services and processes.

We are happy to share our accumulated knowledge with our valued customers. Ekin will continue to be the best solution partner for you in all applications with all kinds of heating and cooling applications.



Customer Satisfaction

Customer rights are protected in all circumstances.



Privacy Policy

Aware of the importance of protecting personal information, personal information is not shared with third parties.



Information Security

The requirements of ISO 27001 information security management system are fulfilled at Ekin.



Ethical Values

In all our business relations, our principle of mutual benefit by adhering to laws and ethics is our principle.




AT TİP İNCELEME SERTİFİKASI / EC TYPE EXAMINATION

Holder Of Certificate (Sertifika Sahibi) : EKIN ENDÜSTRİYEL İSITMA SOĞUTMA SAN. TİC LTD. ŞTİ

Company Address (Firma Adresi) : Esenlerdi M.Em. San. San. 28. 157. Sok. Altınoluk C.B 14Blok 2A 4 Çengelköy/İstanbul

Production Address (Üretim Adresi) : Barış Mah. Tülöke Yolu Anadol Cad.No 23 Gedizli/Kocaeli /Türkiye

Trade Mark (Ticari Marka) : MIT

Product (Ürün) : Kapalı Genleşme Tankı / Closed Expansion Vessel

Modeller (Modeler) : EK3 (Liste / They have shown in the attached list)

The technical documentation review and evaluation of the product(s) was done for above described product(s) according to 97/23/EC Pressure Equipment Directive Annex B Modül B EC Type Examination of the machinery whose information given above and it was found suitable for conditions of Technical Regulations Harmonized Standards / Yukarıda listelenen ürün Kuruluşun sisteminin gerçekleştirildiği yukarıda belirtilen ürünün/ürünlerin Teknik dokümanlarının incelenmesi ve Ürün/Ürünlerin Değerlendirilmesi 97/23/AT Basınç Ekipmanları Yönetmeliğinin EK B Modül B AT Tip İncelemesi (B3)ün kapsamında gerçekleştirilmiş ve Teknik Düzenleme/Ürünleştirilme Standartı parçalarına uygun olduğu tespit edilmiştir.

For affixing the Notified Body number with CE mark , company has to carry out one of the modules mentioned in 97/23/EC Pressure Equipment Directive Annex B / Kuruluşun CE İşareti ile birlikte Ürün/ürünlerin Kuruluş Kıtak numarasını içeren/ileri için 97/23/AT Basınç Ekipmanları Yönetmeliği EK B'ide belirtilen gösterim modüllerinden birini uygulaması gerekmektedir.

Sertifika No / Certificate No : 965-021-00-TR-PEE-14-052

Rapor Numarası / Report No : R-965-PEE-001

Sertifika Tarihi / Certificate Date : 18.11.2015

Geçerlilik Tarihi / Expiry Date : 18.11.2025

Yer / Place : İSTANBUL

General Manager / Genel Müdür

Manufacturer will inform TCS International Certification about every modification that can affect safety of equipments / Üretici TCS Uluslararası Belgelendirme'ye her türlü yapılabilecek güvenliğin etkilenerek tüm değişiklikleri bildirecektir.

144-0100-00-11-00314002




TÜRK STANDARDLARI ENSTİTÜSÜ TÜRK STANDARDLARINA UYGUNLUK BELGESİ

TURKISH STANDARDS INSTITUTION CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Belgeleme Sistemi / Inspection of the Work
TSE  

BELGE NUMARASI
REFERENCE NUMBER OF LICENCE : 011181-TSE/02/01

BELGENİN İLK VERİLİŞ TARİHİ
DATE OF FIRST ISSUE OF LICENCE : 07.06.2018

BELGENİN SON GEÇERLİLİK TARİHİ
LICENCE VALID UNTIL : 07.06.2019

BELGE SAHİBİ KURULUŞUN ADI
NAME OF THE LICENCE HOLDER : EKIN ENDÜSTRİYEL İSITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.

BELGE SAHİBİ KURULUŞUN ADRESİ
ADDRESS OF THE LICENCE HOLDER : DUDULLU OSB MAH. DES SANAYİ SİT. B14 BLOK 107. SOK. NO:2-4-6-8 ÜMRANİYE İSTANBUL/TÜRKİYE

ÜRETİM YERİ ADI
NAME OF THE MANUFACTURING PLACE : EKIN ENDÜSTRİYEL İSITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.

ÜRETİM YERİ ADRESİ
ADDRESS OF THE MANUFACTURING PLACE : DUDULLU OSB MAH. DES SANAYİ SİT. B14 BLOK 107. SOK. NO:2-4-6-8 ÜMRANİYE İSTANBUL/TÜRKİYE

İPTAL EDİLEN BELGE NUMARASI (Varsa)
INDICATION OF SUPERSEDED LICENCE (if any) :

TESCİLLİ TİCARİ MARKASI
REGISTERED TRADE MARK : MIT

İLGİLİ TÜRK STANDARTI
RELATED TURKISH STANDARD : TS EN 13831 / Su tesisatları için diyaframlı kapalı genleşme tankları / 09.11.2010

BELGE KAPSAMI
SCOPE OF LICENCE : MIT TİCARİ MODELİ, EN YÜKSEK ÇALIŞMA BASINCI 10 BAR OLAN, SU TESİSATLARI İÇİN DİYAFRAMLİ KAPALI GENLEŞME TANKI

08.06.2018
Belgelendirme Merkezi Başkanı Adına
ÖMER FARUK DUMAN
SAKARYA BELGELENDİRME MÜDÜRÜ

“Bu belge belgelendirilen ürünün, belirli yerleri Emisyonlu birliği için kullanıldığını gösterir.
“Bu belge hiç bir şekilde telif edilemez, kopyalanabilir veya başka amaçlarla kullanılabilir, kopya ve satış yapılamaz.
“TSE SAKARYA BELGELENDİRME MÜDÜRLÜĞÜ” Adresli : 1. Organize Sanayi Bölgesi Doğu Kapısı, 38112 Sakarya Oba Yürme Cad. Halkı / ADAPAZARI / Tel: 2643292875
Faks: 2642912878
“TSE BELGELENDİRME MERKEZİ BAŞKANLIĞI” Adresli: Necatibeyi Cad. No:112 06100 Sakarya/ANKARA - Tel: 0 312 416 64 61 / 416 64 27, Faks: 0 312 416 66 17
e-posta: tmb@tse.org.tr, web: www.tse.org.tr



1 / 1



Certificate of Registration CERTIFICATE OF CONFORMITY

TECHNICAL FILE-TEKNİK DOSYA UYGUNLUK SERTİFİKASI
Certificate No: PC-1066



to the Manufacturer / aşağıdaki üretici için:

EKIN ENDÜSTRİYEL İSITMA SOĞUTMA SAN. VE TİC.LTD.ŞTİ.
Muhirli Mah. DES Sanayi Sitesi 20A, 3. Blok No: 2-4-6-8 Ümraniye / İstanbul / Türkiye

Product and designation of type / Ürün ve belirtilen türler:
Air Separator/Hava Ayırıcı / MIT Brand/ 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 Directives for the product, the CE mark can be available on the products /
Ürüne ait tüm Avrupa Birliği Direktifleri için, ürünler üzerinde CE işareti kullanılabilir.

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

Certificate Date / Sertifika Tarihi :
Date of Initial Registration / İlk Belgelendirme Kayıt Tarihi : November 26th, 2015 / 26 Kasım 2015
Date of Last Issue / Yayımla Tarihi : March 23rd, 2018 / 23 Mart 2018
Date of Expiry / Geçerlilik Süresi Bitimi : March 23rd, 2019 / 23 Mart 2019



Signed / İmzalı : 

INSO, International Technical Inspection Co., Ltd.
No:362/58 52000
www.belgelendirme.com.tr
Certification Agency - Belgelendirme Kurumu

Accredited ISO 9001:2015-2017 Accredited
TSE T.C. Sanayi Bakanlığı



WELDING PROCEDURE QUALIFICATION RECORD (PQR)

(Section IX, ASME Boiler and Pressure Vessel Code)

CERTIFICATE 09-702-01-C-10-2017-211402991

Procedure Qualification Record No: wPQR-43-BW-01

Company Name : Ekin Endüstriyel Isıtma Soğutma San. Tic. Ltd. Şti. Address : DES Sanayi Sitesi 107.Sk. B14 Blok No:2-4-6-8 Ümraniye/İST

Welding Process(es) : GTAW Type(s) : Manual

JOINTS (QW-402) General Design of Test Coupon



BASE METALS (QW-403)	ASTM 316 (22CrNiMo17-2-2)	POSTWELD HEAT TREATMENT (QW-407)	Temperature: -
Type or Grade, or UNS Number	6/1 80 8/1	Time: -	
P-No./P-No.	5	Other: -	
Thickness of Test Coupon	N/A	GAS (QW-408)	Gas(es) Mixture Flow Rate
Diameter of Test Coupon	No pass over 13mm	Shielding - GTAW Ar 100% 6-8 l/min	
Other: -		Shielding - FCAW -	
FILLER METALS (QW-404)	GTAW N/A	Traveling -	
SFA Specification	AS.9	Backling -	
AWS Classification	ER 308 L	ELECTRICAL CHARACTERISTICS (QW-409)	GTAW
Trade Name	308 L	Current	DC
Filler Metal P-No.	5	Polarity	EN
Weld Metal Analysis A-No.	1	Amps	95-110
Size of Filler Metal	2	Volts	19-17
Filler Metal Product Form	Solid Rod	Tungsten Electrode Size	2
Supplemental Filler Metal	N/A	Heat Input	0.63-1.75 kJ/mm
Weld Metal Thickness	5	Mode of Metal Transfer for GMAW (FCAW)	N/A
Flux Type	N/A	Other: -	
Flux Trade Name	N/A	TECHNIQUE (QW-410)	See below table
Other:(QW-404.14)	N/A	Position of Groove	String or Wave Bead
POSITION (QW-405)	1G	Oscillation	N/A
Position of Groove	1G	Multi/ Single Pass (per side)	Multi Pass
Weld Progression (Up/HiL, Down/HiL)	N/A	Single or Multiple Electrodes	Single
Other: -		Initial and Interpass Clearing	Grinding and Brushing
PREHEAT (QW-406)	Min. 10°	Method of Back Chipping	Grinding
Preheat Temperature(Min.)	Max. 200°	Other:(QW-410.11 / QW-410.04)	
Interpass Temperature(Max.)			
Other: -			

Weld Layer	Process	Filler Metal		Tungsten		Welding (H)	Travel Speed (mm/min)	Heat Input (kJ/cm)
		Class	Size (mm)	Type / Polarity	Amps Range (A)			
1	GTAW	ER 308 L	2	DC EN	305-110	19-17	3.87	0.61-0.71
2	GTAW	ER 308 L	2	DC EN	305-110	19-17	3.86	0.61-0.69
3	GTAW	ER 308 L	2	DC EN	305-110	19-17	3.77	1.5-1.71
4	GTAW	ER 308 L	2	DC EN	95-100	30-31	0.6	1.75-1.77

TÜV TüRK Kontrol ve Belgelendirme A.Ş.
Ayrancıoğlu Cad. Paşa 58. Katlı Plaza No: 2-4 Kat, Etiler/Beşiktaş, İstanbul-TÜRKİYE
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TÜRK STANDARLARI ENSTİTÜSÜ
TÜRK STANDARLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanımı / Description of the Mark
TSE **TSE** **TSE**

BELGE NUMARASI REFERENCE NUMBER OF LICENSE	211181-TSE-01401
BELGENİN İLK YERLİŞİ TARİHİ DATE OF FIRST ISSUE OF LICENSE	14.12.2016
BELGENİN SON GEÇERLİLİK TARİHİ LICENCE VALID UNTIL	14.12.2018
BELGE SAHİBİ KURULUŞUN ADI NAME OF THE LICENSE HOLDER	EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD.ŞTİ.
BELGE SAHİBİ KURULUŞUN ADRESİ ADDRESS OF THE LICENSE HOLDER	DUĞUÇLU ÖZG MAH. DES-107 SK. NO:2 ÜMRANİYE İSTANBUL/TÜRKİYE
ÜRETİM YERİ ADI NAME OF THE MANUFACTURING PLACE	EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD.ŞTİ.
ÜRETİM YERİ ADRESİ ADDRESS OF THE MANUFACTURING PLACE	DUĞUÇLU ÖZG MAH. DES-107 SK. NO:2 ÜMRANİYE İSTANBUL/TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varlık) INDICATION OF SUPERSEDED LICENSE (if any)	
TEKİLLİ TİCARİ MARKASI REGISTERED TRADE MARK	MT + Sani
İLKÖLÜ TÜRK STANDARTI RELATED TURKISH STANDARD	TS 736 / Soak ve Nefeslenir (Beyeler) - Soak ve Nefeslenir ve Soak ve Nefeslenir / 02.04.2015
BELGE KAPSAMI SCOPE OF LICENSE	Soak (U) Hava Soğutma (Beyeler) Sınıf 1: Plastik aletler, Tip 1: Tak idareli (soaklar) (Ply B), Tip 2: Soak ve Nefeslenir, Tip 3: Soak (soak beşer) ve Soak, Düğü 2: Düğü Soakları kullanılarak (Ply B), Kullanılan Kılıf Kurumu: "C" (Kullanılabilir Emaye Kaplamalı)

01.12.2017
VOLKAN DÜLGER
MAKİNA SEKTÖRÜ MÜDÜRÜ

ISQ
Certification Body

CERTIFICATE

EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.
ATATÜRK CAD. DESSAN SANAYİ SİTESİ B14 BLOK 107 SK. 2/A NO:4 ÜMRANİYE / İSTANBUL / TÜRKİYE, Türkiye
İNTERSİSTEM TEKNİK BELGELENDİRME faaliyetleri kapsamında ve uygunlukta olduğu İçerik Yönetim Sistemleri
is certified by INTERSYSTEM TECHNICAL BELGELENDİRME Certification and Audit Energy Management System under the requirements of

ISO 50001:2018

kullanılabilir uygulamaları kapsamında onaylatılmış olduğu bilgileriyle
covered by the following activities

PLAKALI EŞANJÖR, AKÜMÜLASYON TANKI, BOYLER, LEHMLİ EŞANJÖR, BÖRÜLÜ EŞANJÖR, GÖZLEME TANKI, ISI İSTASYONU, DÖNME TANKI, TORTU TUTUCU, HAVA AYIRICI, BUFFER TANKI, PAKET SİSTEM, POMPA, SOĞUTMA KULESİ, ÇİLLER, SOĞUTMA GRUBU, KAZAN, DEFLÖZÖR, BLOWER, BATERAY, ISI DEĞİŞTİRİCİ RADYATÖR, EKONOMİZER, SERPANTİN, VANA, UHT, ÇİP VE PASTÖRİZATÖR ÜRETİMİ VE SATIŞI

MANUFACTURING AND SERVICE OF PLATE HEAT EXCHANGER, ACCUMULATION TANK, HEAT EXCHANGER TANK, WHEAT EXCHANGER TANK, BRASS HEAT EXCHANGER TANK, ISLAND HEAT EXCHANGER, COMPRESSOR TANK, SUBSTITUTION TANK, BUFFER TANK, SOFT STARTER, AIR CONDITIONER, BUFFER TANK, COMBUSTION CHIMNEY, COOLING TOWER, CHILLER, COOLING GROUP, EXHAUSTOR, BLOWER, COIL HEAT EXCHANGER, EXHAUSTOR AND SUPPLYING, VALVE, UHT, ÇİP AND PASTEURIZER

01.11.2018 Sertifika Tarihi / Certificate Date	01.11.2020 Sertifika Son İhtisar Tarihi / Certificate Validity Date
01.11.2018 Belgeleme Periyodu / Belgeleme Periyodu / Certificate Period	3 YIL / 3 YIL / 3 YIL

ONAY
APPROVAL

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

CE

to the Manufacturer / yapılandırıcı üretilen için:

EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.
Makina Cad. 285 Sanayi Sitesi 137, Sokak No. 14 Blok No:2/A Ümraniye / İstanbul / TÜRKİYE

Product and designation of type / Ürün ve tanıtım adı:
Balance Tanks,Orange Turbines / MIT Branding MIT Markası

BALANCE TANKI/DÖNME KABİ / DK25 (0-25 KW), DK32 (25-43 KW), DK40 (43-61 KW),DK50 (50-72 KW), DK60 (72-130 KW), DK80 (130-243 KW), DK100 (243-395 KW), DK125 (395-600 KW), DK150 (600-1170 KW), DK200 (1170-3500 KW), DK250 (3500-5000 KW), DK300 (5000-9000 KW), DK350 (9000-6300 KW), DK400 (6300-8000 KW), DK450 (8000-10000 KW), DK1000 (10000-16000 KW)

PACKET BALANCE TANKI / PAKET DÖNME KABİ / PK25 (0-25 KW), PK32 (25-43 KW), PK40 (43-61 KW), PK45 (61-108 KW), PK48 (108-130 KW), PK49 (130-243 KW), PK50 (243-395 KW), PK52 (395-600 KW), PK55 (600-1170 KW), PK60 (1170-3500 KW), PK65 (3500-5000 KW), PK70 (5000-9000 KW), PK75 (9000-6300 KW), PK80 (6300-8000 KW), PK85 (8000-10000 KW), PK90 (10000-16000 KW)

The products is covered by the following EU-Directive / Ürünler aşağıdaki Avrupa Birliği Direktifleri kapsamında değerlendirilmiştir:
2014/52/EU Pressure Equipment Directive (PED) / Basınçlı Ekipman Yönetimi

This certificate covers the above product. Does not cover all products produced, covers the above products. / Bu belge yukarıdaki ürünü kapsamaktadır, kapsam dışı ürünler kapsam dışıdır, aşağıdaki ürünler kapsam dışıdır.

Certificate Date / Sertifika Tarihi:
Date of Issue / Verme Tarihi : 10.10.2020 / 10 Ekim 2020
Date of Last Issue / Son Verme Tarihi : 10.10.2022 / 10 Ekim 2022
Date of Expiry / Geçerlilik Bitiş Tarihi : 10.10.2023 / 10 Ekim 2023

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ATATÜRK CAD. DESSAN SANAYİ SİTESİ B14 BLOK 107 SK. 2/A NO:4 ÜMRANİYE / İSTANBUL / TÜRKİYE, Türkiye
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OHSAS 18001:2007

kullanılabilir uygulamaları kapsamında onaylatılmış olduğu bilgileriyle
covered by the following activities

PLAKALI EŞANJÖR, AKÜMÜLASYON TANKI, BOYLER, LEHMLİ EŞANJÖR, BÖRÜLÜ EŞANJÖR, GÖZLEME TANKI, ISI İSTASYONU, DÖNME TANKI, TORTU TUTUCU, HAVA AYIRICI, BUFFER TANKI, PAKET SİSTEM, POMPA, SOĞUTMA KULESİ, ÇİLLER, SOĞUTMA GRUBU, KAZAN, DEFLÖZÖR, BLOWER, BATERAY, ISI DEĞİŞTİRİCİ RADYATÖR, EKONOMİZER, SERPANTİN, VANA, UHT, ÇİP VE PASTÖRİZATÖR ÜRETİMİ VE SATIŞI

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11.10.2017 Sertifika Tarihi / Certificate Date	10.10.2020 Sertifika Geçerlilik Tarihi / Certificate Expiry Date
10.10.2020 Belgeleme Periyodu / Belgeleme Periyodu / Certificate Period	3 YIL / 3 YIL / 3 YIL

ONAY
APPROVAL

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, buttermilk 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.**



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EKİN ENDÜSTRİYEL

Isıtma-Soğutma San. Tic. Ltd. Şti.

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