

NANO^FFILT GRUP

AIR PURIFICATION, DEODORIZATION
AND DESULFURIZATION SYSTEMS



www.tasot.com.tr

NANO^FFILT
GRUP

Distributor Company NANOFİLT

NANO^{FILT} GRUP

Bad odors in waste water lines, waste water treatment plants and manholes create big problems.

The use of chemicals for the treatment of contaminated air in wastewater lines causes both high costs and environmental problems.

The solution is TASOTFILT.

Because TASOTFILT:

- Air purification, prevents harmful gases.**
- It absorbs gases such as H₂S and CH₄ which are harmful to the ozone layer.**
- Does not pass pests, eliminates the cost of DRUG.**
- Low cost.**
- Includes ultra high saturation capacity activated carbon filter.**
- The filter cartridges can be replaced.**
- Easy to install.**
- Long service life.**
- Low maintenance costs.**
- Prevents the entry of dust and foreign matter through manhole covers.**
- Reduces sewer maintenance costs**

TASOTFİLT ODOR FILTER SYSTEMS

Technical Specifications

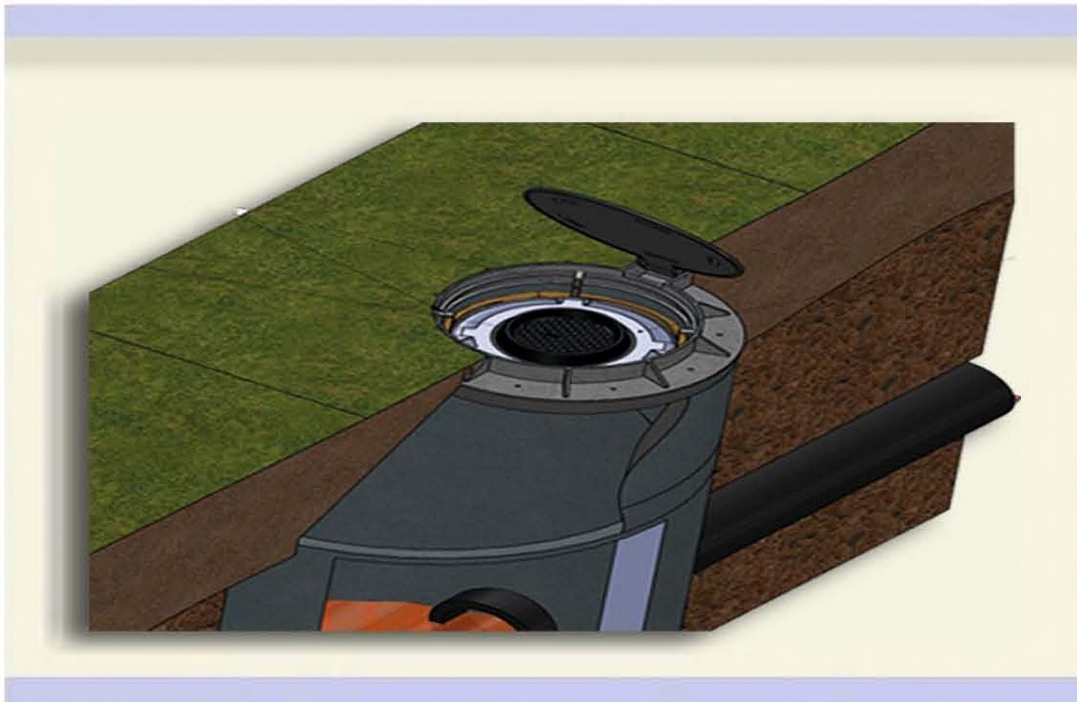
TASOTFİLT manhole air purification systems are capable of holding components such as H₂S and CH₄ from the manhole by chemical bonding. Particularly the H₂S component accumulated in manhole chimneys is an acid based component. It is a major cause of irritating odor and health problems.

TASOTFİLT manhole chimney air purification systems use high quality activated carbon components produced with advanced technology. Activated Carbon is used in many different fields for purifying and filtering purposes. Its main application areas are water treatment, breathing air treatment, medical treatment (cleaning of blood, dialysis, etc.). Activated carbon is derived from purely natural sources, with no harm to human health and can be used in many medical applications directly. Depending on the application, activated carbon types can be used in different activity capacities and contents.

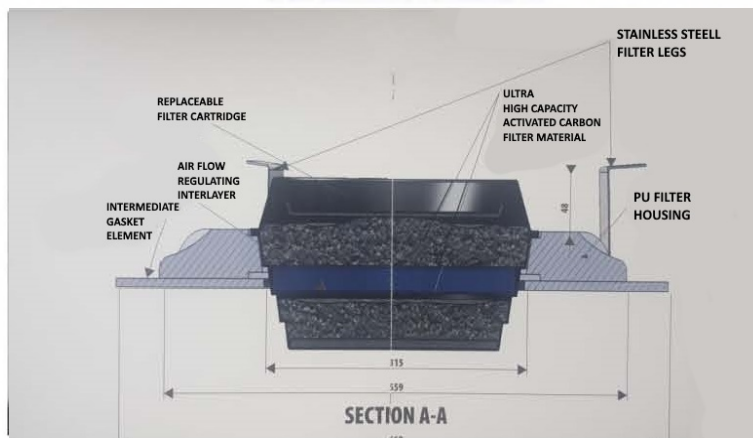
TASOTFİLT is produced by sintering and extruding technology of activated carbon dust used in manhole filter. Thanks to the advanced technology used in production, it has a very high molecular holding capacity according to its dimensions. The estimated life of this activated carbon at an air flow rate of 30 m³/h at an average H₂S concentration of 7ppm is 2 years. All of the filter material is recyclable and contains no components harmful to the environment and human health

TASOTFİLT is a patented product.

Patent/TR 2006 04170 B



Filtered Clean Air



- 1- STAINLESS STEELL FILTER LEGS
- 2- PU FILTER HOUSING
- 3- INTERMEDIATE GASKET ELEMENT
- 4- REPLACEABLE FILTER CARTRIDGE
- 5- ULTRA HIGH CAPACITY ACTIVATED CARBON FILTER MATERIAL
- 6- AIR FLOW REGULATING INTERLAYER

Dirty Sewage Air with H2S-CH4 content

DIMENSIONS

TASOTFILT PU BODY DIAMETER	559 mm
TASOTFILT FILTER CARTRIDGE DIAMETER	315 mm
TASOTFILT STEELFEET HEIGHT	

Description

Coal- based activated carbon; produced by powder sintering and extrusion methods which activated in steam impregnated with NaOH, AgI KI salts.

Particle Size	4mm
Carbon Tetrachloride Absorbing Capacity (According to ASTM D3467 Standards)	Min.%50
Surface area (Calculated by nitrogen impregnation method)	1000 m ² /gr
Density	580 Kg/m ³

ACTIVE CARBON - MANHOLE COVER FILTER TECHNICAL SPECIFICATIONS

PU Body (Frame)

BASF, BAYER, DOW firms rigid polyurethane (PU) material
5 legs screw point



Polyethylene (PE) Cartridge

The cartridge bucket PP100 is made of Petkim raw material.
For a filter, 4 kg of activated carbon with special iodide was used.



Stainless Steel Legs

4 legs and bolts are used for each filter.
AISI 316 stainless steel is used..

All materials used are 100% recyclable.



TASOTFILT Manhole Filter Technical Specifications

TASOTFILT manhole chimney air treatment systems are capable of holding components such as H₂S and CH₄ from the manhole by chemical bonding. Particularly the H₂S component accumulated in manhole chimneys is an acid based component. It is a major cause of irritating odor and health problems.

TASOTFILT manhole chimney air purification systems use high quality activated carbon components produced with advanced technology. Activated Carbon is used in many different fields for purification and filtration purposes. The main uses are water treatment, breathing air treatment, acid based gas treatment, nuclear gas treatment, medical purposes (cleaning of blood, dialysis, etc.), purification processes. Activated carbon is derived from purely natural sources, with no harm to human health and can be used in many medical applications directly. Depending on the application, activated carbon types can be used in different activity capacities and contents.

The activated carbon used in TASOTFILT manhole filter is produced with sintering and extrusion technology of carbon powders.

Description	Activated carbon filter with special iodide
Particle Size	4mm
Carbon tetrachloride absorption capacity (according to ASTM 03467 standards)	Min.%50
Surface area (calculated by nitrogen impregnation method)	1000 m ² /gr
Density (according to ASTM 02867 standard)	580 Kg/m ³

Filtration type:

As a result of the activities of anaerobic bacteria in the manhole, gases such as H₂S and CFL released accumulate in the chimney over time and cause pressure increase. As a result, a gas flow occurs through the manhole, where the pressure is high, into the atmosphere where the pressure is lower. H₂S, an acidic gas, causes both a very unpleasant odor and is very harmful to health.

If TASOTFILT manhole filter is placed on the manhole, it continues without obstructing the gas from the manhole. However, the special active carbon components contained in the filter contain all of the disturbing H₂S components present in the exhaust gas. It is also retained by the filter component in a portion of the CFL component which is non-odorous but which may be hazardous to health.

The most important feature of activated carbon is its incredibly large surface area due to its very complex internal structure. This complex internal structure makes it possible for the activated carbon to retain other components.

The active carbon used in TASOTFILT manhole chimney air treatment systems has a surface area of 1000 grams and a mass of 1 gr.

Objects larger than 20 microns cannot pass through the filter structure. In this way, the ways in which the insects living and breeding in the sewerage go out of the sewerage are prevented. This situation makes the pesticides to be applied to the sewers more effective, but the higher efficiency is obtained from the spraying activities

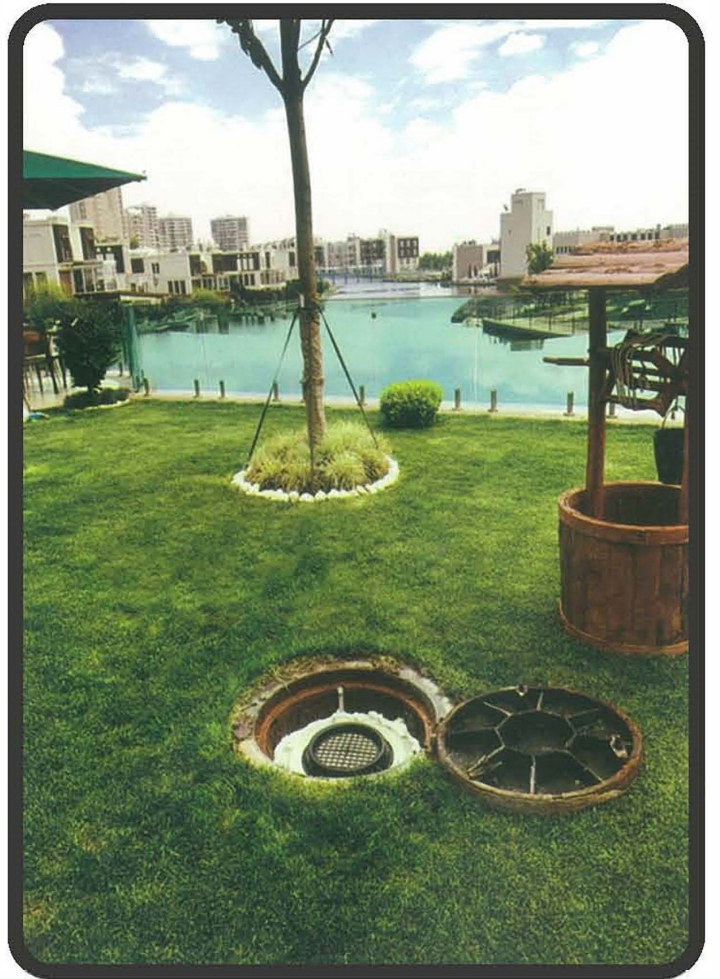
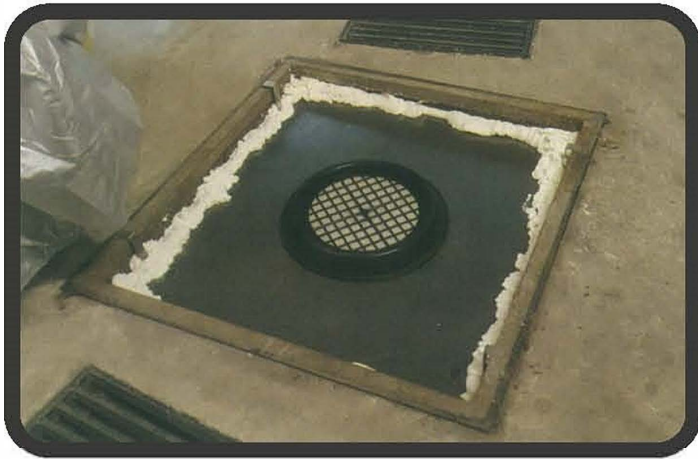
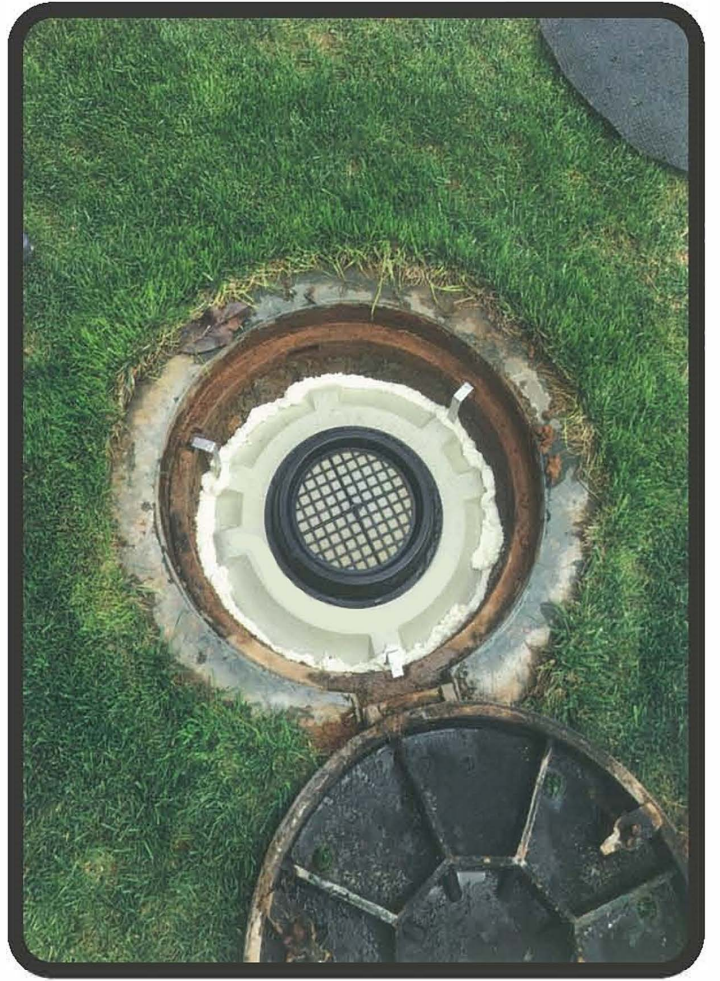
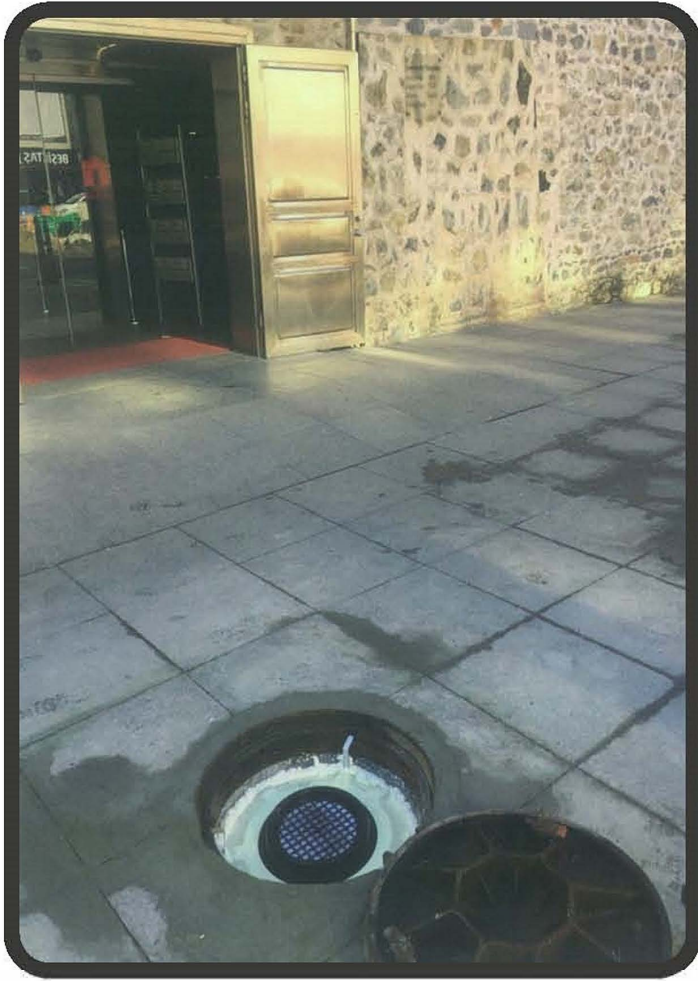
Cleaning the filter

The filter does not interfere with rainwater flow. Rain water can pass through the filter. Rain water does not damage the filter. However, components such as sand and leaves that come with rainwater can clog the filter grids. If the filters are checked periodically and accumulations that cause clogging are observed, they may need to be cleaned by washing with water.

Filter Assembly and Disassembly

Filters are very easy to remove and assemble. The filter body is designed to fit into standard manhole manholes. There is a sponge gasket around the filter body. This sponge covers the gap between the manhole and the filter during installation. Then, the polyurethane foam supplied with the filter is applied on the sponge to provide sealing between the filter body and the manhole. Installation is completed in less than 10 minutes.

When the manhole must be inspected, the TASOTFILT manhole filter can be removed by applying a very small force. After the maintenance process on the manhole, the filter unit is simply put back into place and polyurethane foam is applied around it and its usage is continued without any problem.



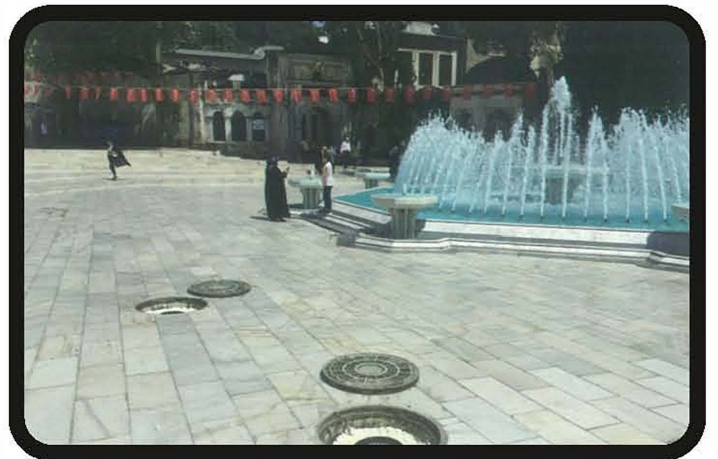
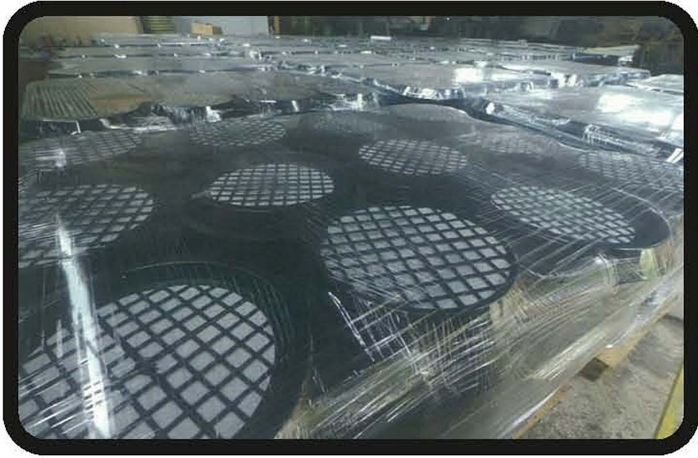




Image1 - Tasotfilt is designed to fit all standard manhole inlets.



Image 2 - Easily placed under the manhole cover with hooks.



Image3 - The sponge seal closes the gap between the filter and manhole.



Image 4- Small gaps around the filter are filled with polyurethane foam.

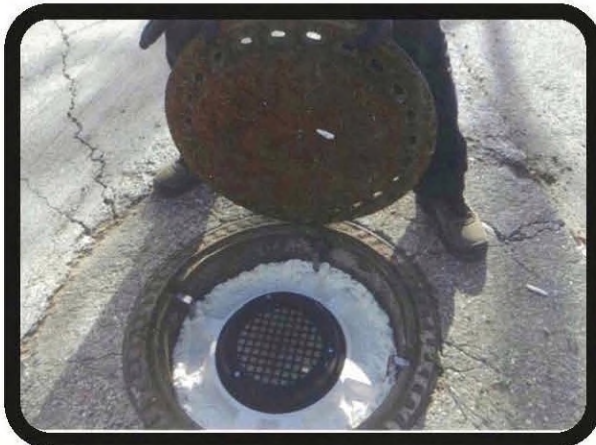


Image 5 - Foam filler prevents gas leaks and insects from passing through the edges



Image 6- The filter fits perfectly under the manhole cover Installation takes only 10 minutes.

BELGELERİMİZ

İLM SANAYİ VE TİC. BAKANLIĞI
Sanayi Sicil Belgesi

SANAYİ SİCİL BELGESİ

Belge No: 016426

Yerli İşletme Ünvanı: TİCARET VE SANAYİ BAKANLIĞI
ANTALYA SERBEST BÖLGE EKİSPAN SANAYİ VE TİCARET LİMİTED ŞİRKETİ

İşletme Adresi: ANTALYA SERBEST BÖLGE EKİSPAN SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Kayıtlı Bulunulan Yerli İşletme Ünvanı: ANTALYA SERBEST BÖLGE EKİSPAN SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Kayıtlı Bulunulan Yerli İşletme Adresi: ANTALYA SERBEST BÖLGE EKİSPAN SANAYİ VE TİCARET LİMİTED ŞİRKETİ

2018 YILI VERGİ BELGESİ

2018 YILI VERGİ BELGESİ

2018 YILI VERGİ BELGESİ

2018 YILI VERGİ BELGESİ

2018 YILI VERGİ BELGESİ

T.C. TÜRK PATENT ENSTİTÜSÜ

MARKA TESCİL BELGESİ
Marka No : 2008 67283 - Ticaret

TASOT

Marka Sahibi : KONSEY TEKNOKENT YÖNETİM VE İŞLETMECİLİĞİ TURİZM İNŞAAT MADENCİLİK PETROL VE ENERJİ ÜRÜNLERİ İMALAT VE SANAYİ LTD.ŞTİ.
TÜRKİYE CUMHURİYETİ
FENER MAHALLESİ ESKİ LARA YOLU OVA APT.
NO: 271/9 MERKEZ ANTALYA
Etiler : 11, 12, 19
İhtisastır.

Markaların Korunması Hakkında 556 Sayılı Kanun Hükmünde Kararnameye göre 19/11/2008 tarihinden itibaren ON YIL müddetinde 30/10/2009 tarihinde tescil edilmiştir.

TÜRK PATENT ENSTİTÜSÜ

TRB INTERNATIONAL

SERTİFİKA

TASOT ENDÜSTRİYEL MAKİNA MEKANİK ELEKTRONİK YAT ÜRÜNLERİ İZOLASYON BİYOLOJİK ARITMA İMALAT ÜRETİM TİC. VE SAN. LTD. ŞTİ.

ANTALYA SERBEST BÖLGE 5. CAD. NO:4 KONYALTI ANTALYA

ISO 9001:2015

ALT YARI İÇİN KOKU FİLTRESİ İMALATI, ÇİC TEZGAHI İMALATI VE ÇİC TEZGAHLARINDA METALLERİN TAŞARILMASI, İZLENMESİ VE SATIŞI

Bu belge, bu kuruluşun belirlenen alanlarında faaliyet gösterdiği alanlarda ISO 9001:2015 standardına uygun olarak TİCARET VE SANAYİ BAKANLIĞI tarafından değerlendirilmiştir ve ilgili alanlarda faaliyet gösterdiği alanlarda ISO 9001:2015 standardına uygun olarak değerlendirilmiştir. Ancak bu sertifikasyon TİCARET VE SANAYİ BAKANLIĞI tarafından yapılmıştır ve "TİCARET VE SANAYİ BAKANLIĞI" tarafından yapılmıştır.

Sertifika No : 196-02-713
Tasat Tarihi : 13.08.2017
Sertifika Tarihi : 13.08.2019
Sertifika Ödemi : 3 192.146

IAF
Deutsche Akkreditierungsstelle
D-304 57446-01, DE

ATS YERLİ MALİ BELGESİ

Belge No : 2018120432644

Belge Tarihi : 03.08.2018

Belge Geçerlilik Tarihi : 03.08.2019

Üreticinin Vergi Kimlik No : 8250976188

Tic. Kimlik No : MERİSİS No : 0825097618800015

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Ticaret Sicil No : 52941

Öye Sicil No : 58207

Örün Adı : Rıgar koku filtresi

Örün Kodu (PROCOD/CI/TTP) : 28.25.14.10.00 /

Teknik Özellikleri (Marka, Ada, Modeli, Seri Numarası, Cinsi) : Tasot Waterjet Cutting Technology Rıgar koku filtresi

Kapasite Raporunun Tarihi : 07.02.2018 No : 4161 Geçerlilik Süresi : 07.02.2020

Sanayi Sicil Belgesinin Tarihi : 18.02.2014 No : 616425

Yerli Katkı Oran : % 90,41

Öründe Teknolojik Düzeyi (düşük/orta-düşük/orta-yüksek/yüksek/Ennovat) : orta-yüksek

Diğer bilgi ve belgeler : ISO 9001:2008

İşbu belge Bilim, Sanayi ve Teknoloji Bakanlığı'nın 13/09/2014 tarih ve 29118 sayılı Resmî Gazetede yayımlanan "Yerli Mali Tebliği (RGM 2014/35)" ve istinaden ve TOBB tarafından hazırlanan "Yerli Mali Belgesinin Düzenlenmesi Uygulanması Esaslarına" göre 03.08.2018 tarihinde düzenlenmiştir. Belgesinin geçerlilik süresi veriliş tarihinden itibaren bir yıl geçerlidir.

Düzenleyen Odaların Adları : ANTALYA TİCARET VE SANAYİ ODASI

Onaylayan : ERCAN MUTLU Genel Sekreter Yrd. 4.

03-08-2018

ÜRETİM VE SATIŞ:

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T.C.
TÜRK PATENT ENSTİTÜSÜ

İNCELEMESİZ PATENT

No: TR 2006 04170 B

Bu patent, 551 Sayılı Patent Haklarının Korunması Hakkında Kanun Hükmünde Kararname uyarınca 07.08.2006 tarihinden itibaren 20 yıl süre ile inceleme-siz olarak verilmiştir.



Prof. Dr. Habip ASAN

Enstitü Başkanı





T.C.
BİLİM, SANAYİ VE TEKNOLOJİ BAKANLIĞI
Sanayi Genel Müdürlüğü

SANAYİ SİCİL BELGESİ

Belge Tarihi	18/02/2014	Belge No	616425	Veriliş Sebebi	Üretim Bilgisi Değişikliği	Vergi No:	8250976188
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İşyeri İşletme Ünvanı	TASOT ENDÜSTRİYEL MAKİNE MEKANİK ELEKTRONİK YAT ÜRÜNLERİ İZOLASYON BİYOLOJİK ARITMA İMALAT ÜRETİM TİCARET VE SANAYİ LİMİTED ŞİRKETİ					
İşyeri Adresi	ANTALYA SERBEST BÖLGE 5.SOKAK NO:4 (S-ADA 97/2) KONYAALTI/ANTALYA					
Kayıtlı Bulunduğu Meslek Odası	ANTALYA TİCARET VE SANAYİ ODASI	Kuruluş Tarihi ve Ticaret Sicil No	30/04/2008	55941		
Kapasite Raporu Birlik Onay Tarih ve No	07/02/2018	4161	Ticaret Sicil Gazetesi Tarih ve Sayısı	07/05/2008	7057	

Üretim Konusu	RÖGAR KOKU FİLTRESİ, LAZER MARKALAMA MAKİNASI, CNC İŞLEME MERKEZİ, ENDÜSTRİYEL KOKU FİLTRESİ, BİSİKLET (AHŞAP)					
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2018 YILI VİZESİ YILI VİZESİ YILI VİZESİ YILI VİZESİ YILI VİZESİ
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Yukarıda belirtilen vize, 24.04.1957 tarih ve 6948 Sayılı Kanunun İkinci Maddesi gereğince tescil edilmiştir.
Bu belge düzenleniş tarihi itibarıyla iki yılda bir vize ettirmek zorundadır.



TÜRKİYE ODALAR VE BORSALAR BİRLİĞİ

KAPASİTE RAPORU



ANTALYA TİCARET VE SANAYİ
ODASI

Geçerlilik Süresi Sonu
07.02.2020

Rapor Tarihi :05.02.2018
Rapor No :68

Firma Ünvanı	:TASOT ENDÜSTRİYEL MAKİNE MEKANİK ELEKTRONİK YAT ÜRÜNLERİ İZOLASYON BİYOLOJİK ARITMA İMALAT ÜRETİM TİCARET VE SANAYİ LİMİTED ŞİRKETİ	Sanayi Sicil No :616425 Oda Sicil No :58207 Ticaret Sicil No :55941 Faaliyet Kodu :28.49.90 (NACE)
Tescilli Markaları	:Tasot Waterjet Cutting Technology	
Vergi Dairesi/No	:Antalya Kur.V.D.Bşk. / 8250976188	
İşyeri SGK No	:228990101114626600701	
MERSİS No	:0825097618800015	

Üretimin Yapıldığı Yer	Adres : Antalya Serbest Bölge 4.Sokak MERKEZ / ANTALYA	
	İşyeri Tel (Kodlu): 242-2590709	Faks : 242-2593809
	e-posta : info@tasot.com.tr	Web : www.tasot.com.tr

Merkez	Adres	
	Büro Tel (Kodlu):	Faks :

Üretim Konuları	:Lazer markalama makinası, Cnc işleme merkezi, Endüstriyel koku filtresi, Rögar koku filtresi, Bisiklet (ahşap)
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Üretim Tesisinin Durumu	Sermaye Kıymetler Durumu (TL)	Personel Durumu
Kiracı	Makine ve Teçhizat Değeri 400.000	Mühendis : 1
Arazi (m2) -	Tescilli Sermayesi 300.000	Teknisyen : -
Toplam Kapalı Saha (m2) 2.007		Usta : -
Bina İnşaat Tipi B.ARME		İşçi : 4
		İdari Pers. : -
		Toplam : 5

Üretim Faaliyetine Başlama Tarihi : 30.04.2008

Yabancı Sermaye	Gayri Maddi Hak
Ülkesi Oranı (%)	Patent Know How Lisans Ülkesi

Sertifikalar : Diğer Belgeler :ISO 9001

Yukarıda ünvanı yazılı işletmenin, işyerinde mevcut makine ve teçhizatının yürürlükteki yöntem ve kriterlere göre teorik olarak hesaplanan azami üretim kapasitesi ile tüketim kapasitesini kapsayan bu kapasite raporu 02.02.2018 günü tarafımızdan düzenlenmiştir.

RAPORTÖR ÖZLEM AKTEKE Ticaret ve Sanayi Müdürü	1.EKSPER HATİCE ÖZTÜRK Makine Mühendisi	2.EKSPER
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ANTALYA
TİCARET VE SANAYİ ODASI



07-02-2018

REFERANSLARIMIZ



İSTANBUL SU ve KANALİZASYON İDARESİ



İZMİR SU ve KANALİZASYON İDARESİ



ANKARA SU ve KANALİZASYON İDARESİ



ANTALYA SU ve ATIK SU İDARESİ



BODRUM BELEDİYESİ



SİLİFKE BELEDİYESİ



GATAB

DÜNEY ANTALYA TURİZMİ GELİŞTİRME
VE ALTYAPU İNŞAATLARI BİRLİĞİ

NANO FILT GRUP

NANOFİLT GRUP İNŞAAT SANAYİ TURİZM LTD.ŞTİ.

Barbaros Mh. Akzambak Sk. Uphill Court Towers No:3 B Blok Kat:20/118 Ataşehir-İST.

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