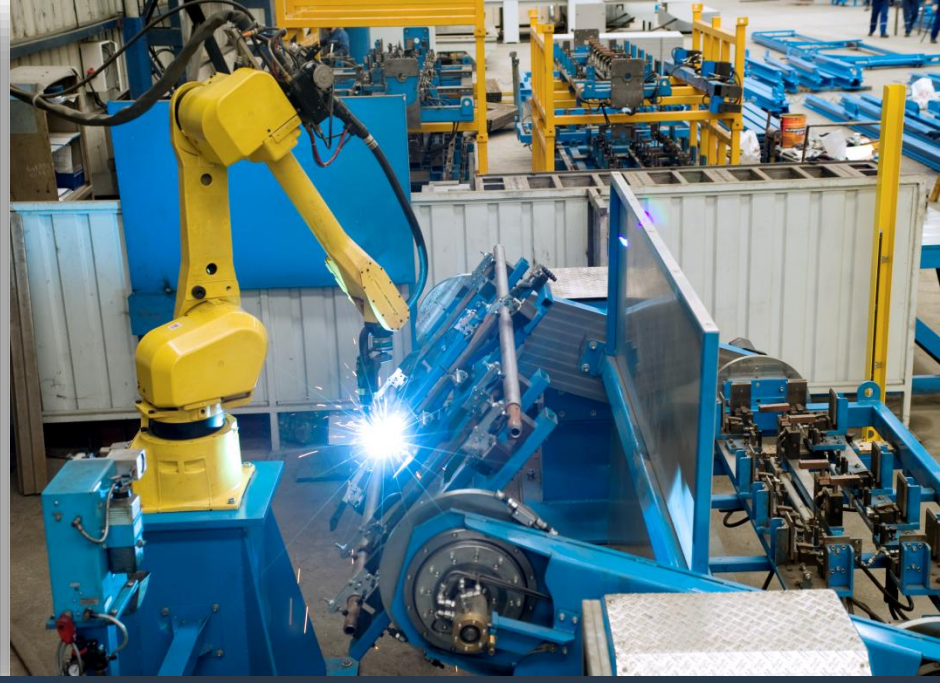




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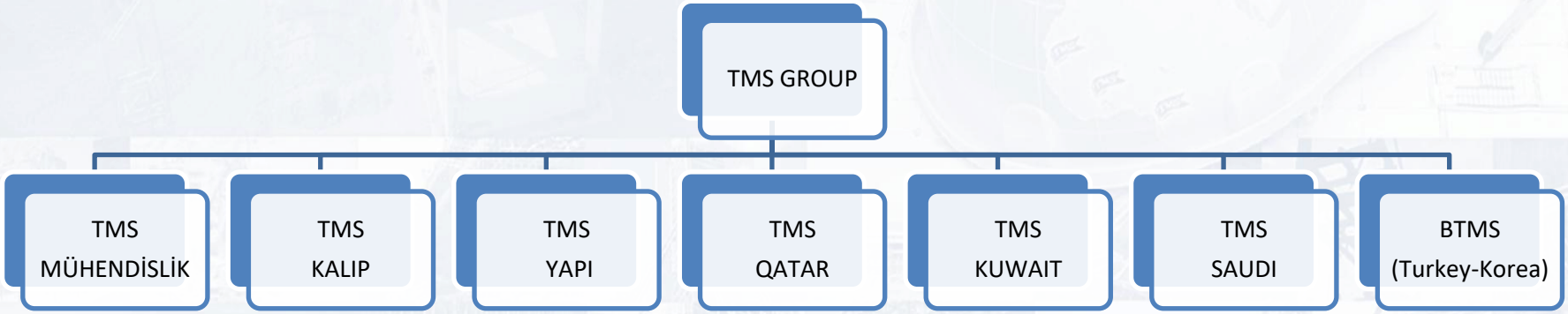


ABOUT TMS GROUP;

As TMS; Since 1973, the year we were founded, it has been producing "industrial formwork and scaffolding systems" for the construction sector in domestic and international markets. We are proud to say that TMS today; from a modest company founded by our founder Mr. Cemil Tüfekçi in Izmit in 1973 to the present day in about 50 years; It has exported to nearly 60 countries and has turned into an organization that includes multinational companies.

Our Group Companies :

- **TMS Mühendislik**: Our engineering company is the backbone of the group. It is the driving force of the group.
- **TMS Kalıp** ve **TMS Yapı**: Aiming to make a difference in the construction world; robust, convenient, safe and cost effective TMS scaffolding and formwork systems and these products are offered to domestic and international markets.
- **BTMS**: It is a multinational company established by the Group in partnership with the Korean company BMS that produces and markets "reinforcement sleeves" used in the mechanical joining of all kinds of rebars.
- **TMS QATAR**: Together with Al Jaber Capital, one of Qatar's most important companies, it is the company it has established in Qatar and aims to deliver TMS products to the Middle East market through both sales and leasing.
- **TMS KUWAIT :** TMS is the company that aims to deliver its products to the Kuwait market by both sales and leasing.
- **TMS SAUDI :** TMS is the company that aims to deliver its products to the Saudi market by both sales and leasing.



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TMS IZMIT PLANT: It has a closed production area of 15.000 m2 on an area of 25.000 m2.









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TMS KASTAMONU PLANT: It has a closed production area of 12.500 m2 on an area of 20.000 m2.











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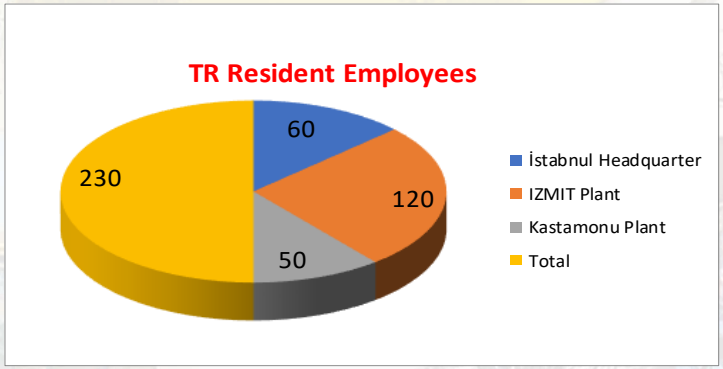
TMS IZMIT PLANT: It has a closed production area of 15.000 m2 on an area of 25.000 m2.



TMS KASTAMONU PLANT: It has a closed production area of 12.500 m2 on an area of 20.000 m2.



İstanbul Headquarter



TMS GRUP

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TMS GROUP / R&D CENTER



T.C. SANAYİ VE
TEKNOLOJİ BAKANLIĞI

AR-GE MERKEZİ BELGESİ

Sanayi ve Teknoloji Bakanlığı tarafından,

Tms Tüfekçioğlu Mühendislik San. ve Tic. A.Ş.

5746 Sayılı Araştırma ve Geliştirme Faaliyetlerinin Desteklenmesi Hakkında Kanun kapsamında sağlanan teşvik ve muafiyetlerden yararlanmak üzere bu belge verilmiştir.

Mustafa **VARANK**
Bakan

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Some of TMS GROUP International Reference Projects







OSMANGAZİ BRIDGE

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TMS GROUP Automotive Experiences

We provide services to the automotive industry with our wide machine park for the creation of sheet metal parts, brackets, welded manufacturing parts and intermediate assemblies that you need in the automotive sector.

General Information about our Machine Park belonging to İzmit and Kastamonu Factories,

- Bystronic Sprint Pro 4020 6.0 KW Laser Cutting Machine
- Bystronic Sprint Pro 3015 4.4 KW Laser Cutting Machine
- Bystronic Sprint Pro 3015 3.0 KW Laser Cutting Machine
- NK-T 160 3.0 KW Tube & Profile Laser Machine
- Ajan 3015 260A Plazma Cutting Machine
- Welding Robotic Line
- 1.25- 3- 6 m Bending Machines
- CNC Controlled Full Automatic Angled Cutting Circle Saw Machine
- Single and Packaged Cutting Band and Circular Saw Line
- Eccentric Press Line between 400 – 10 tons
- Manual Welding Line
- Automatic Tunnel Type Sandblasting Machine 1500x500 mm
- Electrostatic Paint Plant 500x2400x6000 mm
- Sheet Metal Bending Cylinder 6x2000 and 6x3000 mm
- Profile and Pipe Bending Machines
- CNC Lathe and Scrubbing Machines

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TMS GROUP Automotive Experiences

TMS Group, produced the carcass assemblies of buses consisting of different models within our company to **Otokar Otomotiv ve Savunma Sanayi A.Ş.** between 2008 and 2009.
As of 2018, as **TMS Group**, continues to produce base carcass to feed the direct production line of **Otokar Otomotiv ve Savunma Sanayi A.Ş.** in the automotive sector.
We also produce special equipments, transport pallets, pressed products and laser cut parts for the automotive sector.

As TMS Group, more than 5000 chassis have been produced, each consisting of ~1000 parts.

Bus carcass sections;

- Sidewalls (Right & Left)
- Ceiling
- Base
- Engine Zone
- Frontwall
- Backwall



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TMS GROUP Automotive Experiences









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In bus carcass productions, various lazer cut parts and bended&welded parts are being manufactured completely, with high manufacturing quality, compliance with the production schedule.



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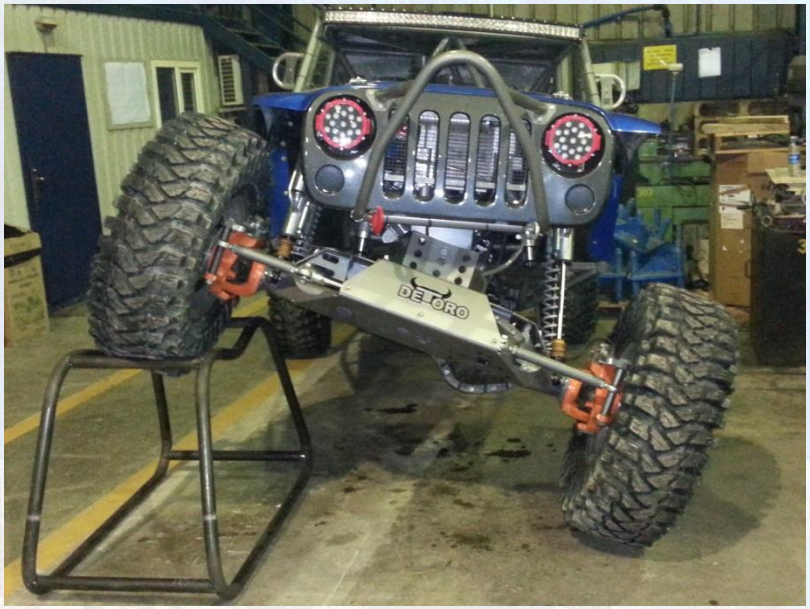
TMS® GRUP

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TMS GROUP Automotive Experiences

Apart from bus frame systems, our production of vehicles that high off-road capability continues with the **DeToRo** brand in our Izmit factory.
In this context, vehicle carcass systems are completely produced by us in our production facilities. Indigenization of other imported parts is being carried out.

www.detoro.tc





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In our production line, with between 10-400 tons eccentric press line, we have some pressed parts samples produced with the straightening servo drive system for various needs of the automotive industry.



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TMS GROUP Automotive Experiences

RECTIFIER SERVO DRIVE

MAXIMUM THICKNESS : 4mm

MAXIMUM ROLL WIDTH : 400mm



TMS GROUP Automotive Experiences





Pressure Capacity (tonne)	400
Bottom Table Capacity (mm)	1030-1190
Upper Table Capacity (mm)	1030-1190
Max. Table Distance (mm)	550
Min. Table Distance (mm)	360

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Pressure Capacity (tonne)	300
Bottom Table Capacity (mm)	900-1200
Upper Table Capacity (mm)	550-700
Max. Table Distance (mm)	550
Min. Table Distance (mm)	430

TMS GROUP Automotive Experiences



Pressure Capacity (tonne)	250
Bottom Table Capacity (mm)	840-1240
Upper Table Capacity (mm)	600-940
Max. Table Distance (mm)	500
Min. Table Distance (mm)	260

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Pressure Capacity (tonne)	150
Bottom Table Capacity (mm)	750-910
Upper Table Capacity (mm)	550-900
Max. Table Distance (mm)	500
Min. Table Distance (mm)	350

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Pressure Capacity (tonne)	100
Bottom Table Capacity (mm)	750-910
Upper Table Capacity (mm)	550-900
Max. Table Distance (mm)	500
Min. Table Distance (mm)	350

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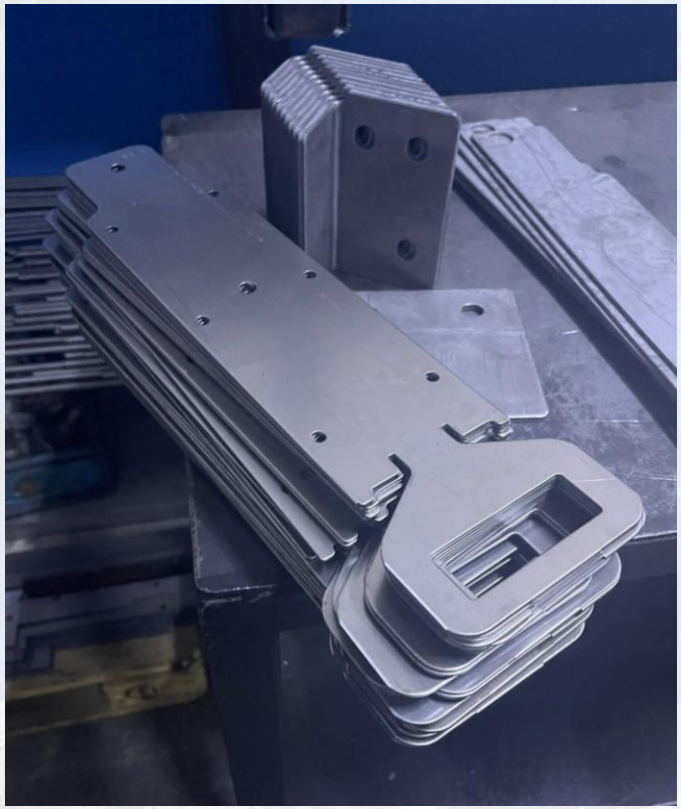


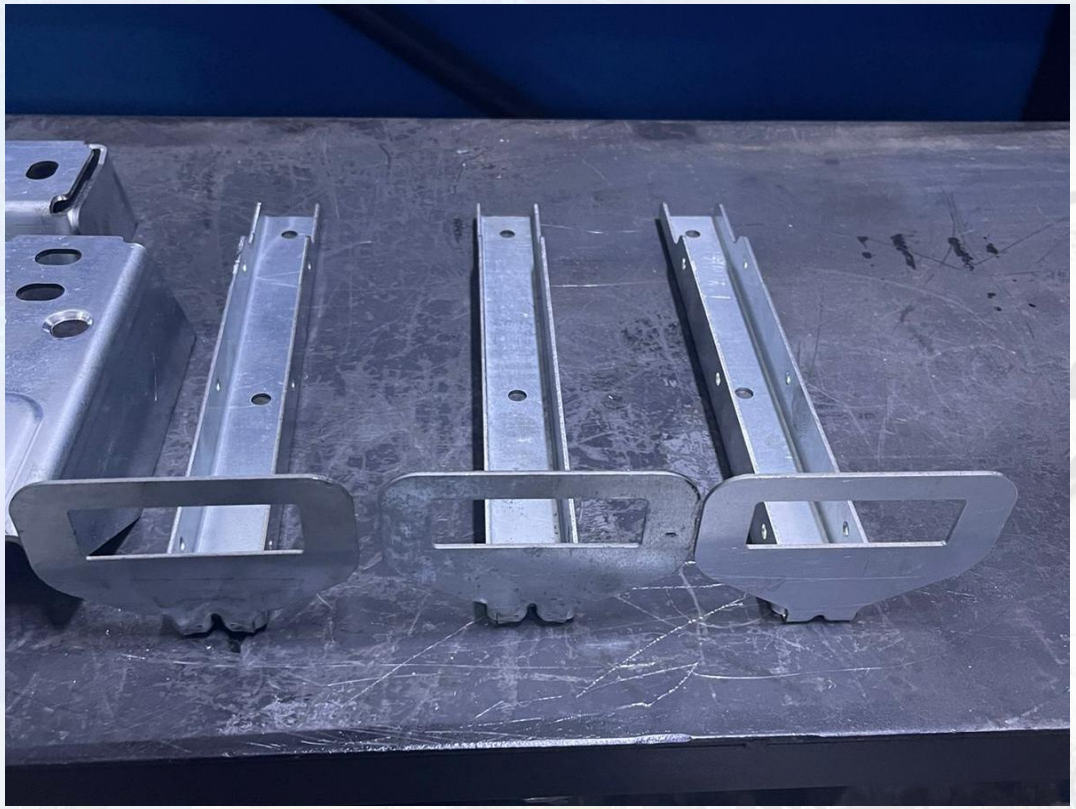


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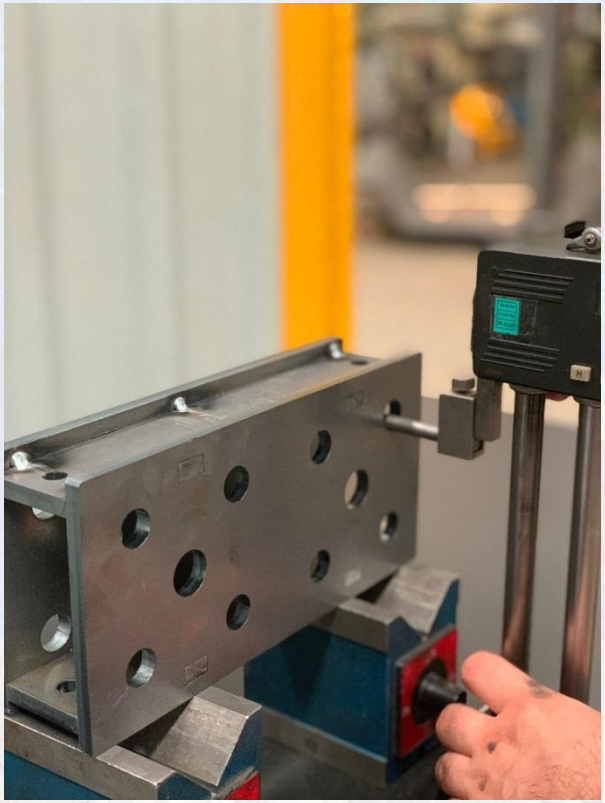


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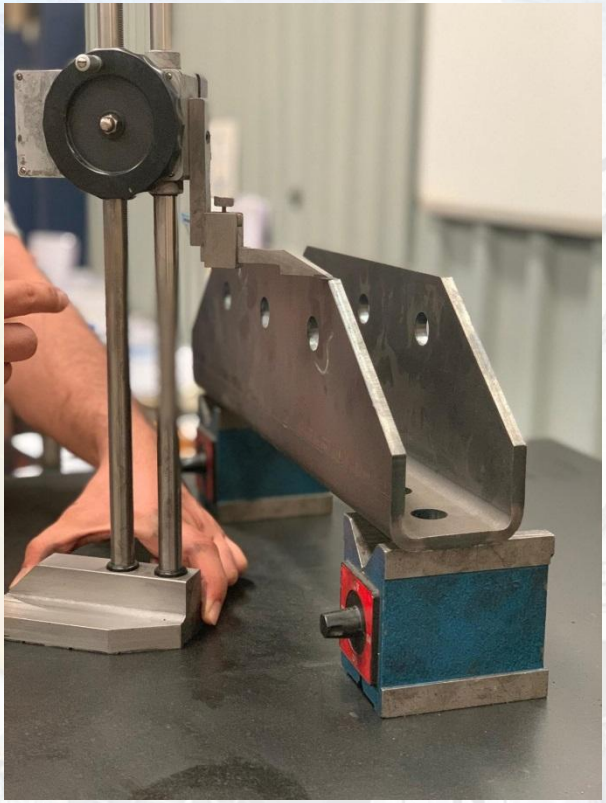
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TMS GROUP Automotive Experiences

Some of our automotive part samples that we produce with our laser cutting machines and bending machines in our production line.





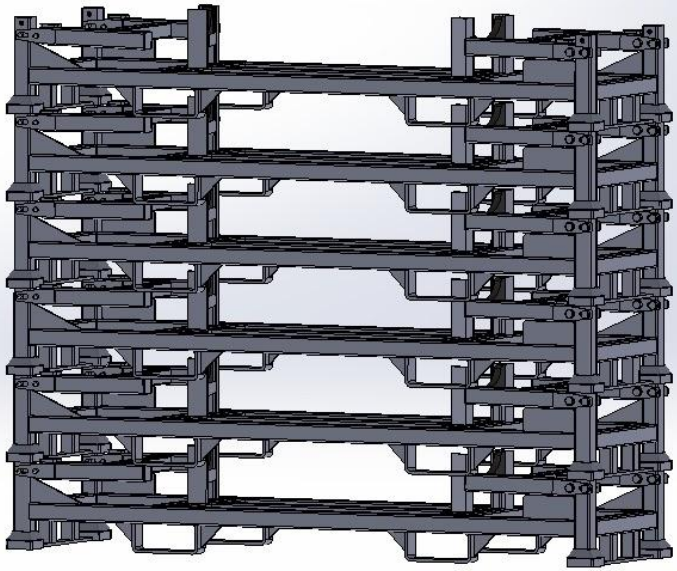


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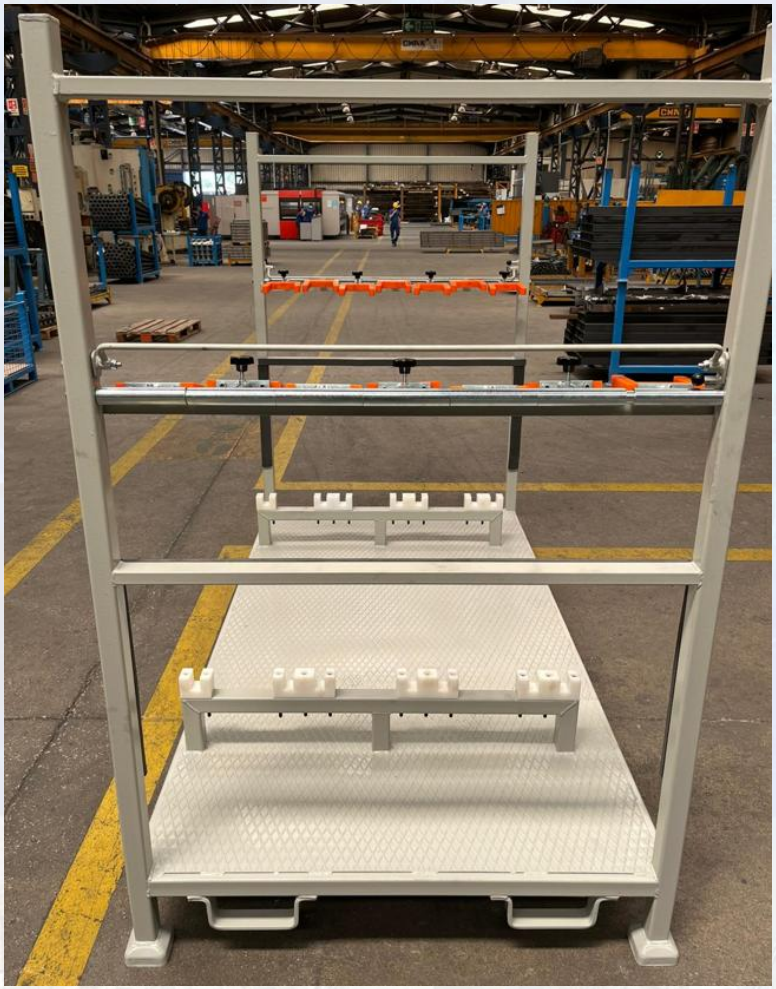
Your own designs or designs made by us can be produced for your various needs.

Some transport boxes for
Otokar Otomotiv ve Savunma Sanayi A.Ş

TMS® GRUP

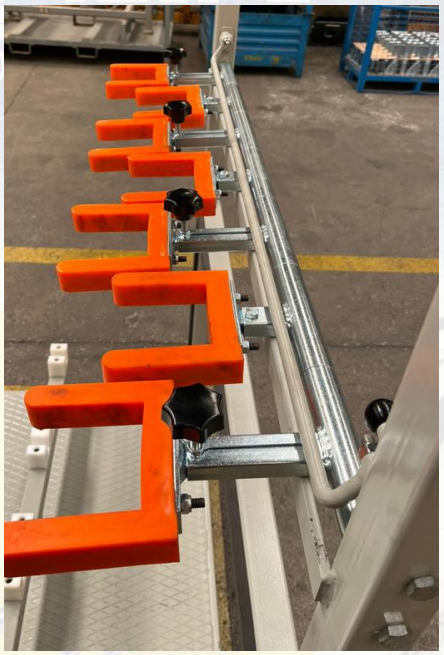
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Your own designs or designs made by us can be produced for your various needs.

Some transport boxes for
SCATTOLINI TÜRKİYE

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Your own designs or designs made by us can be produced for your various needs.

Some transport boxes for
SCATTOLINI TÜRKİYE

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Your own designs or designs made by us can be produced for your various needs.

Some transport boxes for
ASSAN-HANİL

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Your own designs or designs made by us can be produced for your various needs.



Some chassis parts of **FORD** vehicles for **SCATTOLINI TÜRKİYE**

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Your own designs or designs made by us can be produced for your various needs.

Some chassis parts of **FORD** vehicles for **SCATTOLINI TÜRKİYE**

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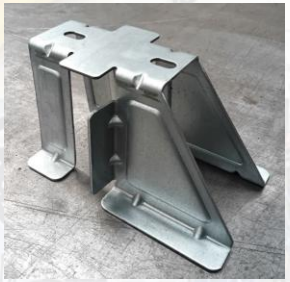
www.tms.tc **www.tmsmechanics.com**

TMS GROUP Automotive Experiences





Your own designs or designs made by us can be produced for your various needs.



Some chassis parts of **FORD** vehicles for **SCATTOLINI TÜRKİYE**

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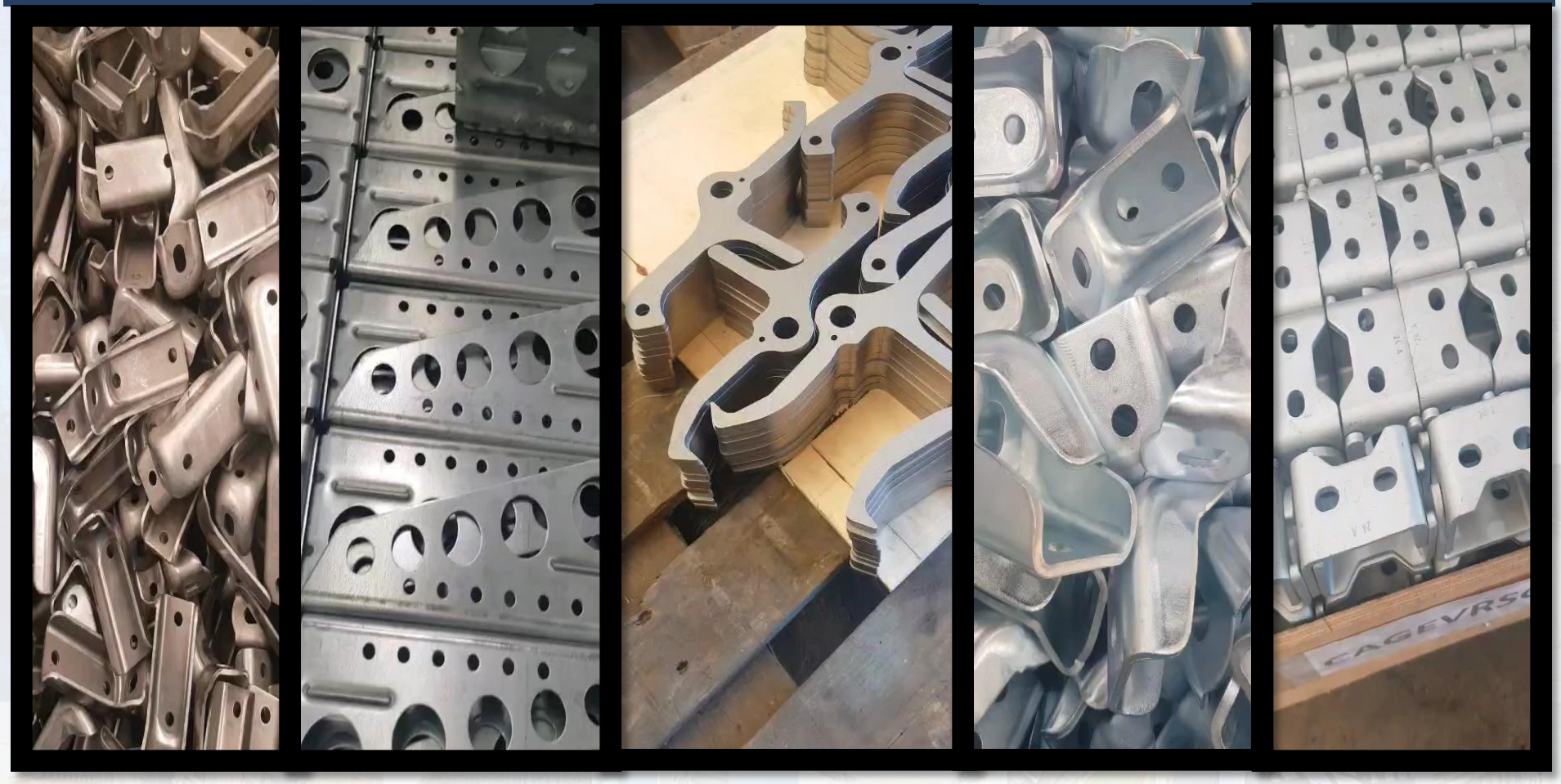
Your own designs or designs made by us
can be produced for your various needs.

Some racking parts for
TEZCON STORAGE SYSTEMS ROMANIA

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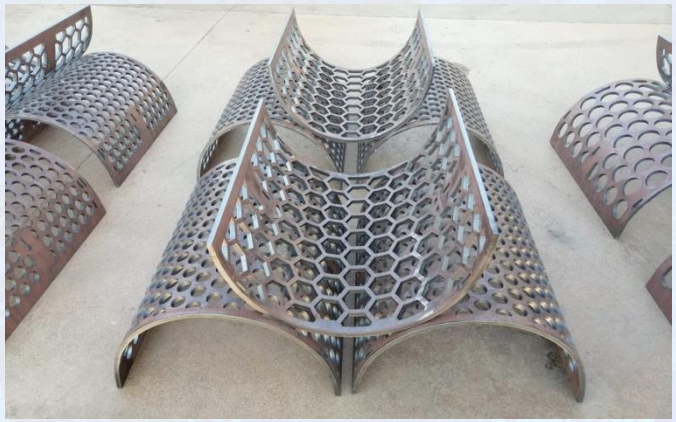


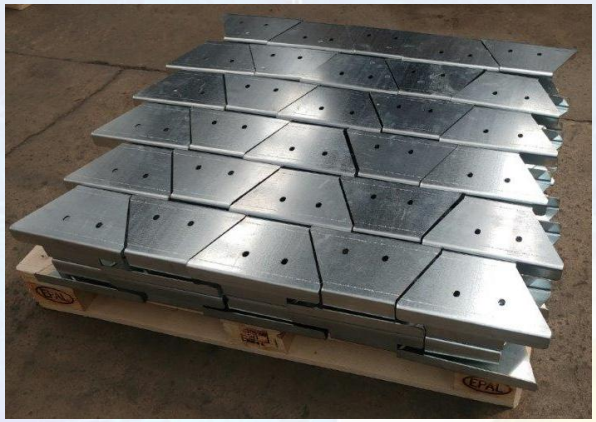
Some pictures for products of
SCATTOLINI TÜRKİYE

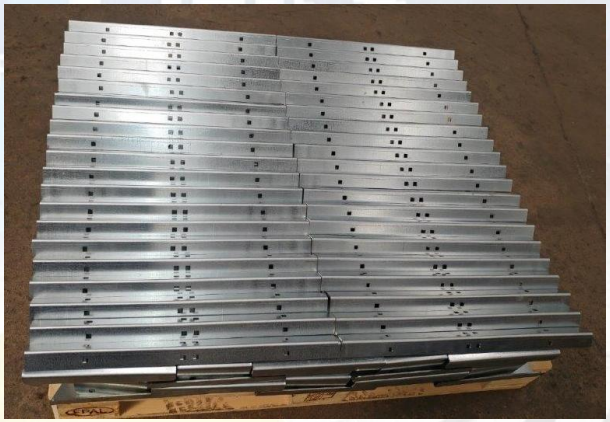
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TMS GROUP Automotive Experiences











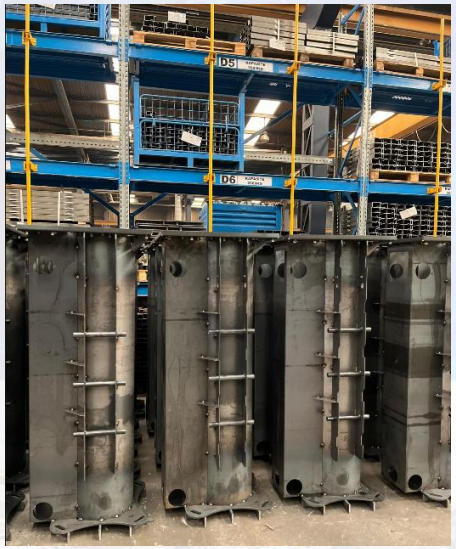
In addition to laser cutting and bending processes of Hardox, DX51, S355 and S235 quality sheets, Solid or pipe spindles and nut production can be made with CNC machines by scrubbing method.

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TMS GROUP Security Systems Experiences









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Some of Our Workbenches from TMS GROUP Machine Park

ByStronic Sprint Pro 4020 6.0 KW Laser Machine
ByStronic Sprint Pro 3015 4.4 KW Laser Machine
ByStronic Sprint Pro 3015 3.0 KW Laser Machine







Thanks to its high laser cutting technology, it provides the highest quality for cutting various metals. Our workable maximum sheet metal size is 2000x4000 mm. The cutable thickness varies according to the material type and is t = 20 mm in structural steels.

TMS® GRUP

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Some of Our Workbenches from TMS GROUP Machine Park

NK-T 160 3.0 KW Tube & Profile Laser Machine



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Some of Our Workbenches from TMS GROUP Machine Park

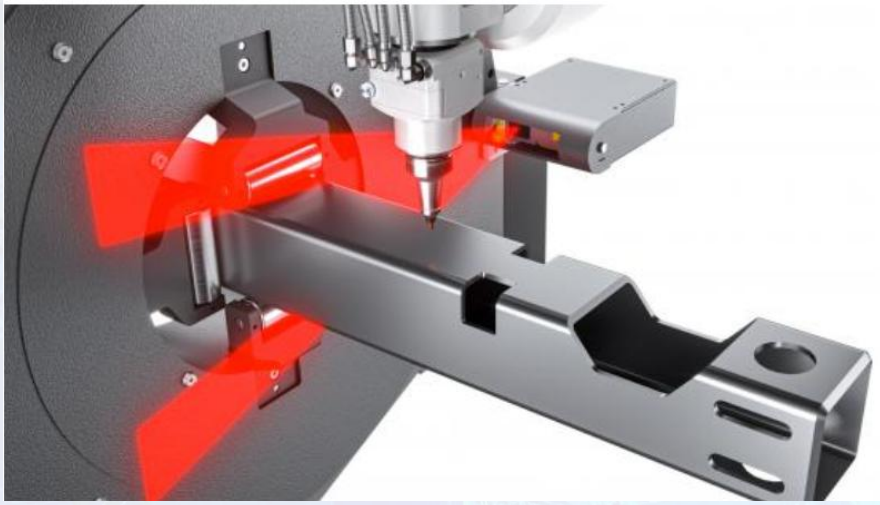
Max. Tube Diameter	Ø226mm
Max. Square Size	160mm x 160mm
Max. Rectangular Size	200mm x 100mm
Max. Feeding Length	6500mm
Weld Seam Detection	Available
Automatic Centering	Available



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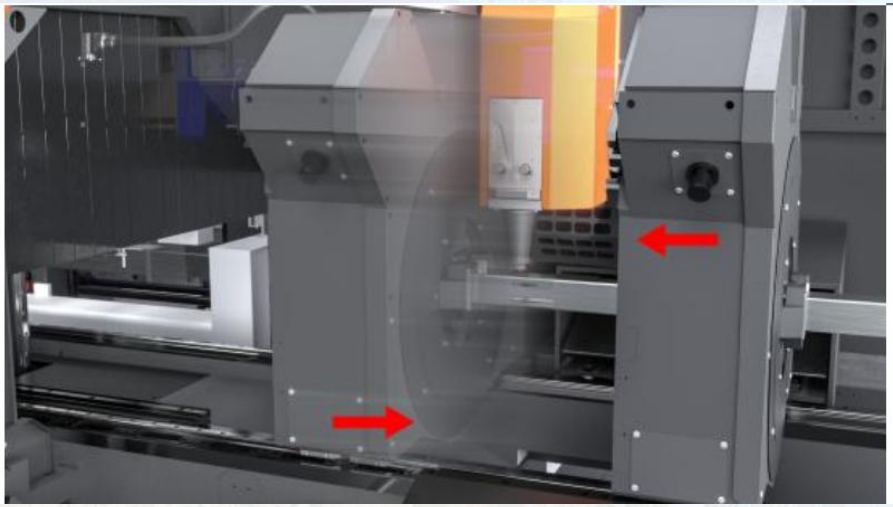
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Some of Our Workbenches from TMS GROUP Machine Park



AUTOMATIC CENTERING

The automatic centering system determines the misalignment by checking in real-time whether the material fed to the machine and ready for cutting is in the center of the chuck. In addition, this option measures the outer dimensions ofthe material and the corner radius and checks the accuracyof the information entered into the system, ensures the continuity of the cut.



MOVING FRONT CHUCK

NKT 160 front chuck can move forward and backward. It makes the forward movement to reduce the waste portion. The chuck moves forward and passes to the other side of the cutting head, thus bringing the head closer to the end of the material and reducing waste. The back movement of the chuck, on the other hand, moves backward to prevent the material from getting caught in the jaw inlong and wide discharges.

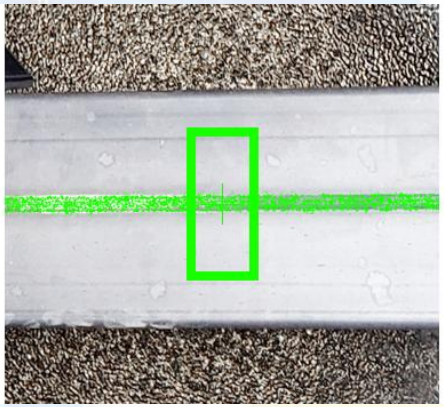
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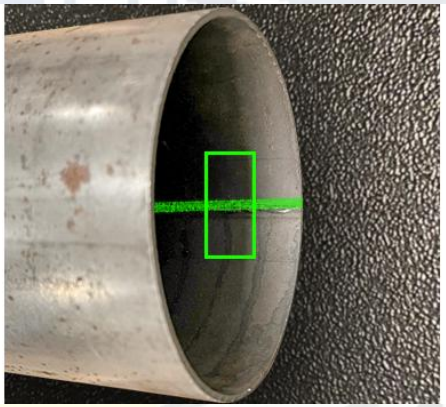
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Some of Our Workbenches from TMS GROUP Machine Park

WELD SEAM DETECTION

Detection of weld seams in pipes and tubes prior to laser cutting is gaining importance due to the ever-increasing use of welded pipes and tubes. In the industry more and more structural and safety related components are made of welded tubes. The repeatability and efficiency required for these operations can only be achieved by precisely positioning the weld seam before laser cutting.





AUTOMATIC LOADING SYSTEM

All settings in the system according to cross-sectional dimensions of pipes and profiles are made automatically by CNC when material information is entered. Compatible with loading parts between 3000mm – 6300mm.



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Some of Our Workbenches from TMS GROUP Machine Park

Profile Bending Machines
«ANGLE ROLLS»





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Some of Our Workbenches from TMS GROUP Machine Park







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Some of Our Workbenches from TMS GROUP Machine Park

Bridged Welding Robot







With 2 Fanuc robot arms and welding units on the system, it ensures that the parts with dimensions up to 2400x3300 mm can be welded perfectly and completely in two units by means of fixtures.

Some of Our Workbenches from TMS GROUP Machine Park

Double Armed Welding Robot with Double Positioner



With 2 Fanuc robot arms and welding units on the system, it ensures that the parts with a size up to 1200x3300 mm can be welded perfectly and completely in two units by means of fixtures and rotary positioner.

Some of Our Workbenches from TMS GROUP Machine Park

Double Positioner Single Armed Welding Robot



With 1 Fanuc robot arm and welding unit on the system, it provides perfect and complete welding of parts with dimensions up to 1200x2000 mm in two units by means of fixtures and rotating positioner.

Some of Our Workbenches from TMS GROUP Machine Park

Manual Welding Line



Our manual welding line created to protect our employees within the scope of occupational health and safety.

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Some of Our Workbenches from TMS GROUP Machine Park

Manual Welding Line



Our manual welding line created to protect our employees within the scope of occupational health and safety.

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Some of Our Workbenches from TMS GROUP Machine Park

CNC and Universal Lathes



With our CNC and Universal lathes, the parts you need can be produced within the specified tolerances.

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Some of Our Workbenches from TMS GROUP Machine Park

Our Scrubbing Line



Solid and pipe spindles up to 60 mm diameter can be produced within the tolerances determined in our scrubbing line.

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Some of Our Workbenches from TMS GROUP Machine Park

Automatic Tunnel Type Sandblasting Machine



Parts with a width and height of 500x1500 mm are able to automatically sand with SI 2.5 surface quality.

Some of Our Workbenches from TMS GROUP Machine Park

Tunnel Type Electrostatic Paint Line



It is ensured that up to 500x2400x6000 mm sized parts are painted with paint robots.

TMS GROUP **PRODUCTION QUALITY CONTROL & TESTING PLAN (ITP)**

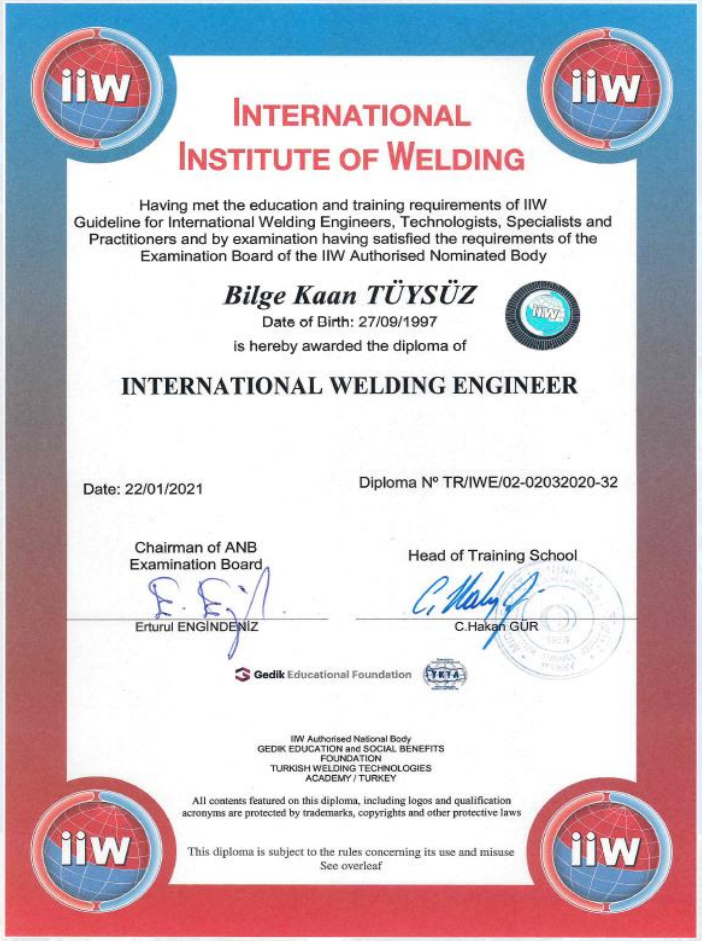
INSPECTION TEST PLAN (ITP)



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TMS GROUP Welding Coordinator Informations



INTERNATIONAL INSTITUTE OF WELDING

Having met the education and training requirements of IIW Guideline for International Welding Engineers, Technologists, Specialists and Practitioners and by examination having satisfied the requirements of the Examination Board of the IIW Authorised Nominated Body

Bilge Kaan TÜYSÜZ

Date of Birth: 27/09/1997

is hereby awarded the diploma of

INTERNATIONAL WELDING ENGINEER

Date: 22/01/2021

Diploma Nº TR/IWE/02-02032020-32

Chairman of ANB Examination Board

Erturul ENGİNDENİZ

Head of Training School

C.Hakan GÜR

Gedik Educational Foundation

IIW Authorised National Body
GEDIK EDUCATION and SOCIAL BENEFITS FOUNDATION
TURKISH WELDING TECHNOLOGIES ACADEMY / TURKEY

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See overleaf

INTERNATIONAL WELDING ENGINEER (IWE)



İstanbul GEDİK Üniversitesi

İSTANBUL GEDİK ÜNİVERSİTESİ İKTİSADİ İŞLETMESİ
İstanbul Gedik University Economic Enterprise

TAHRİBATSIZ MUAYENE PERSONELİ YETERLİLİK SERTİFİKASI
QUALIFICATION CERTIFICATE OF NDT PERSONNEL

İsim/*Name* : Bilge Kaan TÜYSÜZ

T.C. No/ *ID No* : 19238410918

Sertifika Tarihi / Date of Certificate
21.05.2026
STANDART: TS EN ISO 9712 : 2022
Sertifika No / *Certificate Number*
NDTC/2026-133

TS EN ISO 9712'e göre aşağıdaki kapsamda belgelendirilmiştir.
The competence according to TS EN ISO 9712 in following scope.

Metot/Seviye *Testing Method/ Lev.*	Kısıtlama *Restriction**	Endüstri Sektörler *Industrial Sectors**	Ürün Sektörleri *Product Sectors**	Geçerlilik Süresi *Validity*
VT3	Yok / None	m,s	c,f,w,t,wp	08.05.2026 - 08.05.2031

* Açıklamalar arka sayfadadır/ *Explanations are at the back side of the page*

Onaylayan Kişi veya Kuruluş Yetkilisi
Approval of Examiner or Examining Body

Kadir DAĞYIKAN
Genel Müdür
General Manager

Gedik Test Merkezi

Sertifikanızın geçerlilik durumunu https://bilgi.gedik.com.tr/certificates adresine T.C kimlik numaranızı girerek kontrol edebilirsiniz.
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İGÜN-GTM is accredited with the number of AB 0017-P according to EN ISO 9712 standard by TÜRKAK.

TÜRKAK Personel TS EN ISO/IEC 17024 AB-0017-P

R 2000 Revizyon No: 17 Revizyon Tarihi: 10.06.2025

NDT VISUAL TESTING LEVEL III

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TMS GROUP Welding Coordinator Informations

İstanbul GEDİK Üniversitesi

İSTANBUL GEDİK ÜNİVERSİTESİ İKTİSADİ İŞLETMESİ
İstanbul Gedik University Economic Enterprise

TAHRİBATSIZ MUAYENE PERSONELİ YETERLİLİK SERTİFİKASI
QUALIFICATION CERTIFICATE OF NDT PERSONNEL

İsim/*Name* : Bilge Kaan TÜYSÜZ

T.C. No/ *ID No* : 19238410918

Sertifika Tarihi / Date of Certificate
21.05.2026
STANDART: TS EN ISO 9712 : 2022
Sertifika No / *Certificate Number*
NDTC/2026-130

TS EN ISO 9712'e göre aşağıdaki kapsamda belgelendirilmiştir.
The competence according to TS EN ISO 9712 in following scope.

Metot/Seviye *Testing Method/ Lev.*	Kısıtlama *Restriction**	Endüstri Sektörler *Industrial Sectors**	Ürün Sektörleri *Product Sectors**	Geçerlilik Süresi *Validity*
PT3	Yok / None	m,s	c,f,w,t,wp	10.04.2026 - 10.04.2031

* Açıklamalar arka sayfadadır/ *Explanations are at the back side of the page*

Onaylayan Kişi veya Kuruluş Yetkilisi
Approval of Examiner or Examining Body

Kadir DAĞYIKAN
Genel Müdür
General Manager

Gedik Test Merkezi

Sertifikanızın geçerlilik durumunu https://bilgi.gedik.com.tr/certificates adresine T.C kimlik numaranızı girerek kontrol edebilirsiniz.
You can check the validity of your certificate by entering your T.C identity number at https://bilgi.gedik.com.tr/certificates
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İGÜN-GTM is accredited with the number of AB 0017-P according to EN ISO 9712 standard by TÜRKAK.

TÜRKAK Personel TS EN ISO/IEC 17024 AB-0017-P

R 2000 Revizyon No: 17 Revizyon Tarihi: 10.06.2025

NDT PENETRATION TESTING LEVEL III

İstanbul GEDİK Üniversitesi

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İstanbul Gedik University Economic Enterprise

TAHRİBATSIZ MUAYENE PERSONELİ YETERLİLİK SERTİFİKASI
QUALIFICATION CERTIFICATE OF NDT PERSONNEL

İsim/*Name* : Bilge Kaan TÜYSÜZ

T.C. No/ *ID No* : 19238410918

Sertifika Tarihi / Date of Certificate
21.05.2026
STANDART: TS EN ISO 9712 : 2022
Sertifika No / *Certificate Number*
NDTC/2026-134

TS EN ISO 9712'e göre aşağıdaki kapsamda belgelendirilmiştir.
The competence according to TS EN ISO 9712 in following scope.

Metot/Seviye *Testing Method/ Lev.*	Kısıtlama *Restriction**	Endüstri Sektörler *Industrial Sectors**	Ürün Sektörleri *Product Sectors**	Geçerlilik Süresi *Validity*
MT3	Yok / None	m,s	c,f,w,t,wp	16.04.2026 - 16.04.2031

* Açıklamalar arka sayfadadır/ *Explanations are at the back side of the page*

Onaylayan Kişi veya Kuruluş Yetkilisi
Approval of Examiner or Examining Body

Kadir DAĞYIKAN
Genel Müdür
General Manager

Gedik Test Merkezi

Sertifikanızın geçerlilik durumunu https://bilgi.gedik.com.tr/certificates adresine T.C kimlik numaranızı girerek kontrol edebilirsiniz.
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İGÜN-GTM, TS EN ISO 17024'e göre AB 0017-P numarası altında EN ISO 9712 kapsamında TÜRKAK tarafından akredite edilmiş bir kuruluştur.
İGÜN-GTM is accredited with the number of AB 0017-P according to EN ISO 9712 standard by TÜRKAK.

TÜRKAK Personel TS EN ISO/IEC 17024 AB-0017-P

R 2000 Revizyon No: 17 Revizyon Tarihi: 10.06.2025

NDT MAGNETIC PARTICLE TESTING LEVEL III

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TAHRİBATSIZ MUAYENE PERSONELİ YETERLİLİK SERTİFİKASI
QUALIFICATION CERTIFICATE OF NDT PERSONNEL

İsim/*Name* : Bilge Kaan TÜYSÜZ

T.C. No/ *ID No* : 19238410918

Sertifika Tarihi / Date of Certificate
21.05.2026
STANDART: TS EN ISO 9712 : 2022
Sertifika No / *Certificate Number*
NDTC/2026-132

TS EN ISO 9712'e göre aşağıdaki kapsamda belgelendirilmiştir.
The competence according to TS EN ISO 9712 in following scope.

Metot/Seviye *Testing Method/ Lev.*	Kısıtlama *Restriction**	Endüstri Sektörler *Industrial Sectors**	Ürün Sektörleri *Product Sectors**	Geçerlilik Süresi *Validity*
UT3	Yok / None	m,s	c,f,w,t,wp	08.05.2026 - 08.05.2031

*** Açıklamalar arka sayfadadır/ *Explanations are at the back side of the page***

Onaylayan Kişi veya Kuruluş Yetkilisi
Approval of Examiner or Examining Body

Kadir DAĞYIKAN
Genel Müdür
General Manager

Gedik Test Merkezi 6370

Sertifikanızın geçerlilik durumunu https://bilgi.gedik.com.tr/certificates adresine T.C kimlik numaranızı girerek kontrol edebilirsiniz.
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İGÜN-GTM is accredited with the number of AB 0017-P according to EN ISO 9712 standard by TÜRKAK.

TÜRKAK Personel TS EN ISO/IEC 17024 AB-0017-P

R 2000 Revizyon No: 17 Revizyon Tarihi: 10.06.2025

NDT ULTRASONIC TESTING LEVEL III

İstanbul GEDİK Üniversitesi

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İstanbul Gedik University Economic Enterprise

TAHRİBATSIZ MUAYENE PERSONELİ YETERLİLİK SERTİFİKASI
QUALIFICATION CERTIFICATE OF NDT PERSONNEL

İsim/*Name* : Bilge Kaan TÜYSÜZ

T.C. No/ *ID No* : 19238410918

Sertifika Tarihi / Date of Certificate
21.05.2026
STANDART: TS EN ISO 9712 : 2022
Sertifika No / *Certificate Number*
NDTC/2026-131

TS EN ISO 9712'e göre aşağıdaki kapsamda belgelendirilmiştir.
The competence according to TS EN ISO 9712 in following scope.

Metot/Seviye *Testing Method/ Lev.*	Kısıtlama *Restriction**	Endüstri Sektörler *Industrial Sectors**	Ürün Sektörleri *Product Sectors**	Geçerlilik Süresi *Validity*
RT-F3	Yok / None	m,s	c,f,w,t,wp	15.05.2026 - 15.05.2031

*** Açıklamalar arka sayfadadır/ *Explanations are at the back side of the page***

Onaylayan Kişi veya Kuruluş Yetkilisi
Approval of Examiner or Examining Body

Kadir DAĞYIKAN
Genel Müdür
General Manager

Gedik Test Merkezi 6370

Sertifikanızın geçerlilik durumunu https://bilgi.gedik.com.tr/certificates adresine T.C kimlik numaranızı girerek kontrol edebilirsiniz.
You can check the validity of your certificate by entering your T.C identity number at https://bilgi.gedik.com.tr/certificates

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TÜRKAK Personel TS EN ISO/IEC 17024 AB-0017-P

R 2000 Revizyon No: 17 Revizyon Tarihi: 10.06.2025

NDT RADIOGRAPHIC TESTING LEVEL III

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TMS GROUP Welding Coordinator Informations



İstanbul GEDİK Üniversitesi

İSTANBUL GEDİK ÜNİVERSİTESİ İKTİSADİ İŞLETMESİ
İstanbul Gedik University Economic Enterprise

TAHRİBATSIZ MUAYENE PERSONELİ YETERLİLİK SERTİFİKASI
QUALIFICATION CERTIFICATE OF NDT PERSONNEL

İsim/*Name* : Bilge Kaan TÜYSÜZ

T.C. No/ *ID No* : 19238410918

Sertifika Tarihi / Date of Certificate
06.10.2026
STANDART: TS EN ISO 9712 : 2022
Sertifika No / *Certificate Number*
NDTC/2026-329

TS EN ISO 9712'e göre aşağıdaki kapsamda belgelendirilmiştir.
The competence according to TS EN ISO 9712 in following scope.

Metot/Seviye *Testing Method/ Lev.*	Kısıtlama *Restriction**	Endüstri Sektörler *Industrial Sectors**	Ürün Sektörleri *Product Sectors**	Geçerlilik Süresi *Validity*
UT-PA2	Yok / None	m,s	f,w	25.09.2026 - 25.09.2031

* Açıklamalar arka sayfadadır/ *Explanations are at the back side of the page*

Onaylayan Kişi veya Kuruluş Yetkilisi
Approval of Examiner or Examining Body

Kadir DAĞYIKAN
Genel Müdür
General Manager

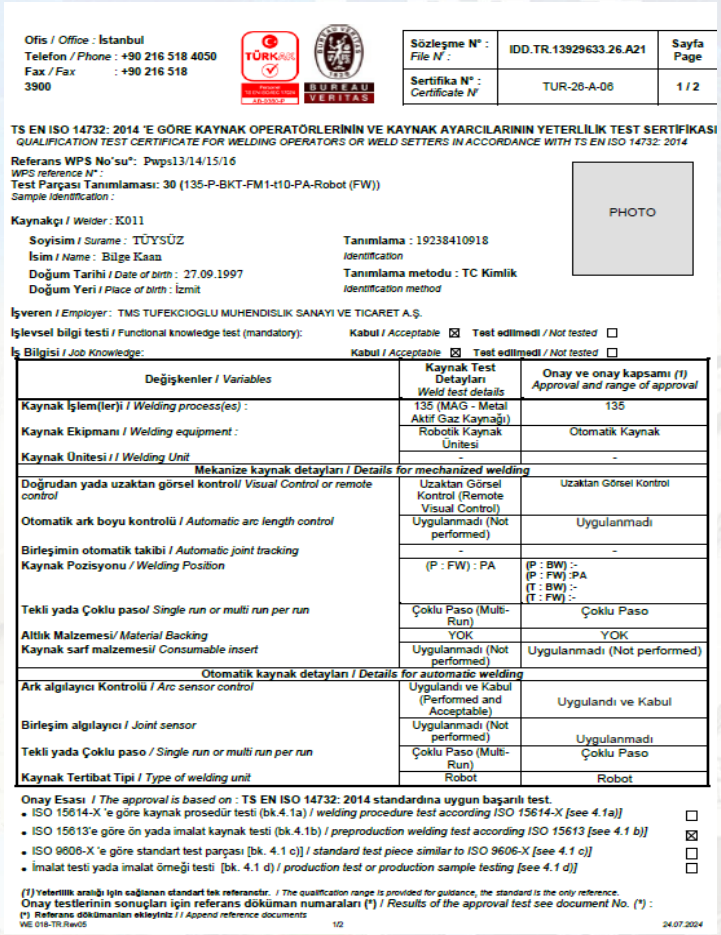
Gedik Test Merkezi

Sertifikanızın geçerlilik durumunu https://bilgi.gedik.com.tr/certificates adresine T.C kimlik numaranızı girerek kontrol edebilirsiniz.
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İGÜN-GTM is accredited with the number of AB 0017-P according to EN ISO 9712 standard by TÜRKAK.

TÜRKAK Personel TS EN ISO/IEC 17024 AB-0017-P

R 2000 Revizyon No: 17 Revizyon Tarihi: 10.06.2025

NDT ULTRASONIC PAUT TESTING LEVEL II



Ofis / *Office* : İstanbul
Telefon / *Phone* : +90 216 518 4050
Fax / *Fax* : +90 216 518 3900

Sözleşme N° : *File N°* :	IDD.TR.13929633.26.A21	Sayfa *Page*
Sertifika N° : *Certificate N°*	TUR-26-A-06	1 / 2

TS EN ISO 14732: 2014 'E GÖRE KAYNAK OPERATÖRLERİNİN VE KAYNAK AYARCILARININ YETERLİLİK TEST SERTİFİKASI
QUALIFICATION TEST CERTIFICATE FOR WELDING OPERATORS OR WELD SETTERS IN ACCORDANCE WITH TS EN ISO 14732: 2014

Referans WPS No'su*: Pwps13/14/15/16
WPS reference N° :
Test Parçası Tanımlaması: 30 (135-P-BKT-FM1-t10-PA-Robot (FW))
Sample Identification :

PHOTO

Kaynakçı / *Welder* : K011
Soyisim / *Surame* : TÜYSÜZ
İsim / *Name* : Bilge Kaan
Doğum Tarihi / *Date of birth* : 27.09.1997
Doğum Yeri / *Place of birth* : İzmit
Tanımlama : 19238410918 *Identification*
Tanımlama metodu : TC Kimlik *Identification method*

İşveren / *Employer* : TMS TUFEKCIOGLU MUHENDISLIK SANAYI VE TICARET A.Ş.

İşlevsel bilgi testi / *Functional knowledge test (mandatory)*: **Kabul** / *Acceptable* ☒ **Test edilmedi** / *Not tested* ☐

İş Bilgisi / *Job Knowledge*: **Kabul** / *Acceptable* ☒ **Test edilmedi** / *Not tested* ☐

Değişkenler / *Variables*	Kaynak Test Detayları *Weld test details*	Onay ve onay kapsamı *(1) Approval and range of approval*
Kaynak İşlem(ler)i / *Welding process(es)* :	135 (MAG - Metal Aktif Gaz Kaynağı)	135
Kaynak Ekipmanı / *Welding equipment* :	Robotik Kaynak Ünitesi	Otomatik Kaynak
Kaynak Ünitesi / / *Welding Unit*	-	-
Mekanize kaynak detayları / *Details for mechanized welding*		
Doğrudan yada uzaktan görsel kontrol/ *Visual Control or remote control*	Uzaktan Görsel Kontrol (Remote Visual Control)	Uzaktan Görsel Kontrol
Otomatik ark boyu kontrolü / *Automatic arc length control*	Uygulanmadı (Not performed)	Uygulanmadı
Birleşimin otomatik takibi / *Automatic joint tracking*	-	-
Kaynak Pozisyonu / *Welding Position*	(P : FW) : PA	(P : BW) :- (P : FW) :PA (T : BW) :- (T : FW) :-
Tekli yada Çoklu paso/ *Single run or multi run per run*	Çoklu Paso (Multi-Run)	Çoklu Paso
Altlık Malzemesi/ *Material Backing*	YOK	YOK
Kaynak sarf malzemesi/ *Consumable insert*	Uygulanmadı (Not performed)	Uygulanmadı (Not performed)
Otomatik kaynak detayları / *Details for automatic welding*		
Ark algılayıcı Kontrolü / *Arc sensor control*	Uygulandı ve Kabul (Performed and Acceptable)	Uygulandı ve Kabul
Birleşim algılayıcı / *Joint sensor*	Uygulanmadı (Not performed)	Uygulanmadı
Tekli yada Çoklu paso / *Single run or multi run per run*	Çoklu Paso (Multi-Run)	Çoklu Paso
Kaynak Tertibat Tipi / *Type of welding unit*	Robot	Robot

Onay Esası / *The approval is based on* : **TS EN ISO 14732: 2014 standardına uygun başarılı test.**
- ISO 15614-X 'e göre kaynak prosedür testi (bk.4.1a) / *welding procedure test according ISO 15614-X [see 4.1a)]* ☐
- ISO 15613'e göre ön yada imalat kaynak testi (bk.4.1b) / *preproduction welding test according ISO 15613 [see 4.1 b)]* ☒
- ISO 9606-X 'e göre standart test parçası [bk. 4.1 c)] / *standard test piece similar to ISO 9606-X [see 4.1 c)]* ☐
- İmalat testi yada imalat örneği testi [bk. 4.1 d) / *production test or production sample testing [see 4.1 d)]* ☐

(1) **Yeterlilik aralığı için sağlanan standart tek referanstır.** / *The qualification range is provided for guidance, the standard is the only reference.*
Onay testlerinin sonuçları için referans döküman numaraları (*) / *Results of the approval test see document No. (*)* :
(*) Referans dökümanları ekleyiniz / / *Append reference documents*
WE 018-TR.Rev05 1/2 24.07.2024

EN ISO 14732 WELDER OPERATOR CERTIFICATE

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TMS GROUP Quality Certificates



UAC INTERNATIONAL CERTIFICATION

SERTİFİKA • CERTIFICATE

Bu Sertifika/ *This Certificate,*

TMS TÜFEKÇİOĞLU MÜHENDİSLİK SANAYİ VE TİCARET ANONİM ŞİRKETİ

D-100 Karayolu Caddesi İbrikdere Mahallesi No: 446 Kartepe/ Kocaeli/ Türkiye

kuruluşunun/ *to do organization,*

ALTYAPI PROJELERİ (KÖPRÜ, TÜNEL, YOL VE METRO), BARAJ VE SU YAPILARI, ENDÜSTRİYEL YAPILAR, HAVALİMANLARI, KARMA YAPILAR (OTEL, AVM, KONUT, İŞ MERKEZİ), YÜKSEK KATLI BİNALAR İÇİN ENDÜSTRİYEL KALIP VE İSKELE SİSTEMLERİNİN (KOLON KALIBI, PERDE KALIBI, TIRMANMA SİSTEMİ, DÖŞEME KALIBI, ÇALIŞMA/CEPHE İSKELESİ VE ÖZEL KALIPLARI) İMALATI, İTHALATI, İHRACATI VE SATIŞI
MANUFACTURING, IMPORT, EXPORT AND SALE OF INDUSTRIAL FORMWORK AND SCAFFOLDING SYSTEMS (COLUMN FORMWORK, WALL FORMWORK, CLIMBING SYSTEM, FLOOR FORMWORK, WORK/FACADE SCAFFOLDING AND SPECIAL FORMWORKS) FOR INFRASTRUCTURE PROJECTS (BRIDGES, TUNNELS, ROADS AND METRO), DAMS AND HYDRAULIC STRUCTURES, INDUSTRIAL BUILDINGS, AIRPORTS, MIXED BUILDINGS (HOTELS, SHOPPING MALLS, RESIDENCES, BUSINESS CENTERS), HIGH-RISE BUILDINGS

kapsamında/ *according to the scope,*

ISO 9001:2015

KALİTE YÖNETİM SİSTEMİ standardının şartlarına uyan bir yönetim sistemi kurduğunu ve uyguladığını onaylamak üzere verilmiştir. */To certify that QUALITY MANAGEMENT SYSTEM in accordance with standard's clauses is established and being implemented.*

Belge No/ *Certificate No*	: Q057.2022
İlk Belge Tarihi/ *Initial Certification Date*	: 08.12.2022
Belge Tarihi/ *Date of Certificate*	: 05.12.2025
Belge Geçerlilik Tarihi/ *Certificate Validity Date*	: 07.12.2026
Belge Periyodu/ *Certificate Period*	: 3 Yıl/3 Years
IAF Kodu-Kategori-Teknik Alan/ *IAF Code-Category- Technical Area*	: IAF 17/-
SOA Tarihi-Rev./ SOA Date-Rev.	: -
Revizyon Tarihi/ *Date of Revision*	: N/A

Bu belge, belgelendirme şartlarına uygunluk sağlandığı, gözetim denetimleri düzenli yapıldığı sürece geçerlidir. */ This certificate is valid as long as the certification requirements are conformed and surveillance audits are done.*

Sistem Sertifikasyon Onayı/ *System Certification Approval*

UAC ULUSLARARASI BELGELENDİRME VE EĞİTİM HİZMETLERİ LTD. ŞTİ.
Aktaş Mahallesi Taşhancılar Caddesi Özkan Apartmanı No:13 İç Kapı No:2 Merkez Bolu / TÜRKİYE +90 532 657 19 20 info@uacbelgelendirme.com
www.uacbelgelendirme.com



IQR

CERTIFICATE

TMS TÜFEKÇİOĞLU MÜHENDİSLİK SANAYİ VE TİCARET ANONİM ŞİRKETİ

İBRİKDERE MAH. D-100 KARAYOLU CAD. NO:446
KARTEPE / KOCAELİ / TÜRKİYE

Has been assessed and found to comply with the requirements of:
Denetlenmiş ve aşağıdaki standardın gerekliliklerine uygunluğu görülmüştür:

ISO 45001:2018

The Occupational Health and Safety Management System is applicable to:
İş Sağlığı Ve Güvenliği Yönetim Sistemi:

MANUFACTURE, ASSEMBLY, IMPORT, EXPORT AND SALES OF INFRASTRUCTURE PROJECTS (BRIDGE, TUNNEL, ROAD AND SUBWAY), DAMS AND WATER STRUCTURES, INDUSTRIAL BUILDINGS, AIRPORTS, MIXED BUILDINGS (HOTEL, SHOPPING MALL, RESIDENCE, BUSINESS CENTER), INDUSTRIAL FORMWORK AND SCAFFOLDING SYSTEMS FOR HIGH RISE BUILDINGS (COLUMN FORMWORK, CURTAIN FORMWORK, CLIMBING SYSTEM, SLAB FORMWORK, WORK/FACADE SCAFFOLDING AND SPECIAL FORMWORKS)

ALTYAPI PROJELERİ (KÖPRÜ, TÜNEL YOL VE METRO), BARAJ VE SU YAPILARI, ENDÜSTRİYEL YAPILAR, HAVALİMANLARI, KARMA YAPILAR (OTEL, AVM, KONUT, İŞ MERKEZİ) YÜKSEK KATLI BİNALAR İÇİN ENDÜSTRİYEL KALIP VE İSKELE SİSTEMLERİNİN (KOLON KALIBI, PERDE KALIBI, TIRMANMA SİSTEMİ, DÖŞEME KALIBI, ÇALIŞMA/CEPHE İSKELESİ VE ÖZEL KALIPLARI) İMALATI, MONTAJI, KİRALANMASI, İTHALATI, İHRACATI VE SATIŞI

Certificate Number: OHSMS-003526 | **Initial Certification Date: 29.09.2025**
Belge Numarası: OHSMS-003526 | **İlk Belgelendirme Tarihi: 29.09.2025**

Certification Period: 3 Years | **Certificate Validity Date: 28.09.2027**
Belgelendirme Periyodu: 3 Yıl | **Belge Geçerlilik Tarihi: 28.09.2027**

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT
IAS ACCREDITED Management Systems Certification Body MSCB-135
IQR

IQR Certification Approval

IQR INTERNATIONAL CERTIFICATION SERVICES LLC
8 The Green Suite A, Dover, Delaware 19901, USA
www.iqrcert.com | e-posta: info@iqrcert.com



UAC INTERNATIONAL CERTIFICATION

SERTİFİKA • CERTIFICATE

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TMS TÜFEKÇİOĞLU MÜHENDİSLİK SANAYİ VE TİCARET ANONİM ŞİRKETİ

İbrikdere Mahallesi D-100 Karayolu Caddesi No: 446 Kartepe/ Kocaeli/ Türkiye

kuruluşunun/ *to do organization,*

ALTYAPI PROJELERİ (KÖPRÜ, TÜNEL, YOL VE METRO), BARAJ VE SU YAPILARI, ENDÜSTRİYEL YAPILAR, HAVALİMANLARI, KARMA YAPILAR (OTEL, AVM, KONUT, İŞ MERKEZİ), YÜKSEK KATLI BİNALAR İÇİN ENDÜSTRİYEL KALIP VE İSKELE SİSTEMLERİNİN (KOLON KALIBI, PERDE KALIBI, TIRMANMA SİSTEMİ, DÖŞEME KALIBI, ÇALIŞMA/CEPHE İSKELESİ VE ÖZEL KALIPLARI) İMALATI, MONTAJI, KİRALANMASI, İTHALATI, İHRACATI, SATIŞI
INFRASTRUCTURE PROJECTS (BRIDGE, TUNNEL, ROAD AND METRO), DAM AND WATER STRUCTURES, INDUSTRIAL BUILDINGS, AIRPORTS, MIXED BUILDINGS (HOTEL, SHOPPING MALL, RESIDENCE, BUSINESS CENTER), INDUSTRIAL FORMWORK AND SCAFFOLDING SYSTEMS (COLUMN FORMWORK, WALL FORMWORK) FOR HIGH-RISE BUILDINGS), CLIMBING SYSTEM, FLOOR MOULD, WORKING/FACADE SCAFFOLDING AND SPECIAL MOLDS) MANUFACTURING, ASSEMBLY, RENTAL, IMPORT, EXPORT AND SALES

kapsamında/ *according to the scope,*

ISO 14001:2015

ÇEVRE YÖNETİM SİSTEMİ standardının şartlarına uyan bir yönetim sistemi kurduğunu ve uyguladığını onaylamak üzere verilmiştir. */To certify that ENVIRONMENTAL MANAGEMENT SYSTEM in accordance with standard's clauses is established and being implemented.*

Belge No/ *Certificate No*	: E015.2021
İlk Belge Tarihi/ *Initial Certification Date*	: 08.10.2021
Belge Tarihi/ *Date of Certificate*	: 07.10.2026
Belge Geçerlilik Tarihi/ *Certificate Validity Date*	: 07.10.2027
Belge Periyodu/ *Certificate Period*	: 3 Yıl/3 Years
IAF Kodu-Kategori-Teknik Alan/ *IAF Code-Category- Technical Area*	: IAF 17/-
SOA Tarihi-Rev./ SOA Date-Rev.	: -
Revizyon Tarihi/ *Date of Revision*	: N/A

Bu belge, belgelendirme şartlarına uygunluk sağlandığı, gözetim denetimleri düzenli yapıldığı sürece geçerlidir. */ This certificate is valid as long as the certification requirements are conformed and surveillance audits are done.*

Sistem Sertifikasyon Onayı/ *System Certification Approval*

UAC ULUSLARARASI BELGELENDİRME VE EĞİTİM HİZMETLERİ LTD. ŞTİ.
Aktaş Mahallesi Taşhancılar Caddesi Özkan Apartmanı No:13 İç Kapı No:2 Merkez Bolu / TÜRKİYE +90 532 657 19 20 info@uacbelgelendirme.com
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TMS GROUP Quality Certificates



UDEM

CERTIFICATE

UDEM Uluslararası Belgelendirme Denetim Eğitim Merkezi San. ve Tic. A.Ş.
Mutlukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya Ankara - TÜRKİYE

Certificate of Conformity of the Factory Production Control

2292-CPR-9349

In accordance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (Construction Products Regulation or CPR), this document applies to the following construction products.

CONSTRUCTION PRODUCT(S)

Steel Structure Components		
Harmonised Standard	**Execution Class**	**Declared Method**
EN 1090-1:2009+A1:2011	Load bearing constructional elements of steel EXC.3 acc. EN 1090-2	3a acc. Table A.1 of the EN 1090-1

Scope of the certificate: Structural Steel Components

TMS Tüfekçioğlu Mühendislik Sanayi ve Ticaret A.Ş.

Bağdat Mah. D100 Karayolu Cad. No: 446 41256 Kartepe KOCAELİ / TÜRKİYE

marketed under the name or registered trademark of

TMS Tüfekçioğlu Mühendislik Sanayi ve Ticaret A.Ş.

Bağdat Mah. D100 Karayolu Cad. No: 446 41256 Kartepe KOCAELİ / TÜRKİYE

and produced in the manufacturing facility(ies)

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

EN 1090-1:2009+A1:2011

under system 2+ for the performances set out in this certificate are applied and the

the factory production control fulfils all the prescribed requirements for these performances

This certificate was first issued on 27.02.2018 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performances of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by UDEM Uluslararası Belgelendirme Denetim Eğitim Merkezi San. ve Tic. A.Ş.

Reissue Date and Revision Number : 23.03.2026

UDEM Uluslararası Belgelendirme Denetim Eğitim Merkezi San. ve Tic. A.Ş.
General Manager

Address: Mutlukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya Ankara - TÜRKİYE
Phone: +90 312 443 03 90
E-mail: info@udem.com.tr www.udem.com.tr

UDFRM.163-1/02-01.09.2025/22.04.2024



UDEM

CERTIFICATE

40033

This certificate was given to the below stated company by UDEM Uluslararası Belgelendirme Denetim Eğitim Merkezi San. ve Tic. A.Ş.

TMS Tüfekçioğlu Mühendislik Sanayi ve Ticaret A.Ş.

Bağdat Mah. D100 Karayolu Cad. No: 446 41256 Kartepe KOCAELİ / TÜRKİYE

ISO 3834-2

Scope: Formwork and Scaffolding Systems

Facilities permitting manufacturing and inspection corresponding to the current technical standards.

Quality system which guarantees that manufacturing and inspection of products stadet in our report are caried out according to technical regulations and standards

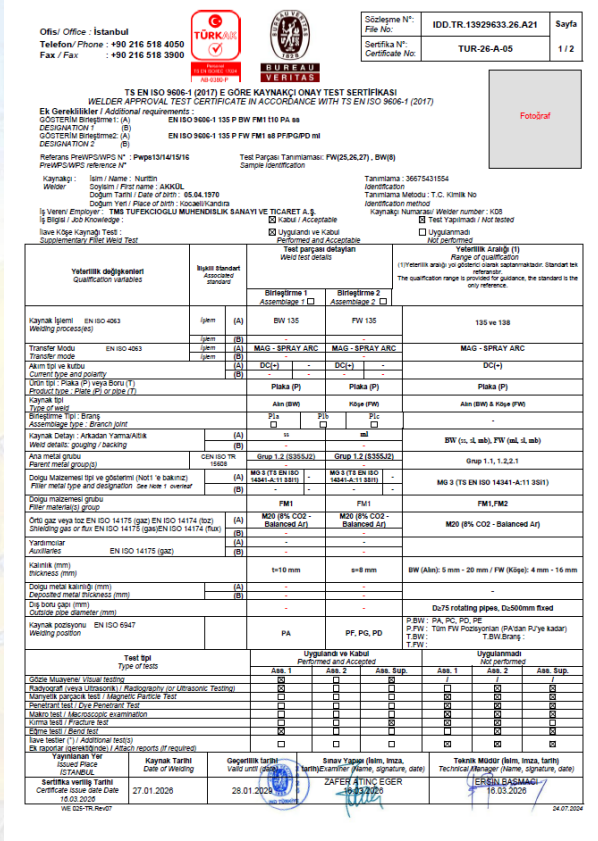
Decision Date : 27.02.2018
Reissue Date : 23.03.2026
Expiry Date : 26.02.2027

UDEM Uluslararası Belgelendirme Denetim Eğitim Merkezi San. ve Tic. A.Ş. Onayı

Hereby, UDEM Uluslararası Belgelendirme Denetim Eğitim Merkezi San. ve Tic. A.Ş. certifies that the above stated company have the appropriate management system according to the requirements of the above standard. This certificate is valid for 3 years since the decision date as long as the system is effectively maintained and surveillance audits are carried out. The validity of the certificate can be checked through www.udem.com.tr. The certificate is the property of UDEM Uluslararası Belgelendirme Denetim Eğitim Merkezi San. ve Tic. A.Ş. and shall be returned if requested.

Address: Mutlukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya Ankara - TÜRKİYE
Tel: +90 312 443 03 90 (pbx)
E-mail: info@udem.com.tr Web: www.udem.com.tr

UDFRM.349/00-00/23.08.2024



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Fax / Fax : +90 216 518 3900

Sözleşme N°: IDD.TR.13929633.26.A21 | Sayfa 1 / 2
Sertifika N°: TUR-26-A-05

TS EN ISO 9606-1 (2017) E GÖRE KAYNAKÇI ONAY TEST SERTİFİKASI
WELDER APPROVAL TEST CERTIFICATE IN ACCORDANCE WITH TS EN ISO 9606-1 (2017)

Fotoğraf

Ek Gerekliliker / Additional requirements :
GÖSTERİM Birleştirme 1: (A) EN ISO 9606-1 135 P BW FM1 t10 PA ss
DESIGNATION 1 (B)
GÖSTERİM Birleştirme2: (A) EN ISO 9606-1 135 P FW FM1 s8 PF/PG/PD ml
DESIGNATION 2 (B)

Referans PreWPS/WPS N° : Pwps13/14/15/16
PreWPS/WPS reference N°

Test Parçası Tanımlaması: FW(25,26,27) , BW(8)
Sample identification

Kaynakçı : Welder
İsim / Name : Nurttin
Soyisim / First name : AKKÜL
Doğum Tarihi / Date of birth : 05.04.1970
Doğum Yeri / Place of birth : Kocaeli/Kandıra

Tanımlama : 36675431554
Identification
Tanımlama Metodu : T.C. Kimlik No
Identification method

İş Veren/ Employer : TMS TUFEKCIOGLU MUHENDISLIK SANAYI VE TICARET A.Ş.
Kaynakçı Numarası/ Welder number : K08

İş Bilgisi / Job knowledge : ☒ Kabul / Acceptable ☐ Test Yapılmadı / Not tested

İlave Köşe Kaynağı Testi : Supplementary Fillet Weld Test ☒ Uygulandı ve Kabul Performed and Acceptable ☐ Uygulanmadı Not performed

Yeterlilik değişkenleri Qualification variables		İlişkili Standart Associated standard		Test parçası detayları Weld test details		Yeterlilik Aralığı (1) Range of qualification
				Birleştirme 1 Assemblage 1 ☐	Birleştirme 2 Assemblage 2 ☐	(1)Yeterlilik aralığı yol gösterici olarak sağlanmaktadır. Standart tek referanstır. The qualification range is provided for guidance, the standard is the only reference.
Kaynak İşlemi Welding process(es)	EN ISO 4063	İşlem	(A)	BW 135	FW 135	135 ve 138
		İşlem	(B)	-	-	
Transfer Modu Transfer mode	EN ISO 4063	İşlem	(A)	MAG - SPRAY ARC	MAG - SPRAY ARC	MAG - SPRAY ARC
		İşlem	(B)	-	-	
Akım tipi ve kutbu Current type and polarity			(A)	DC(+) -	DC(+) -	DC(+)
			(B)	- -	- -	
Ürün tipi : Plaka (P) veya Boru (T) Product type : Plate (P) or pipe (T)				Plaka (P)	Plaka (P)	Plaka (P)
Kaynak tipi Type of weld				Alın (BW)	Köşe (FW)	Alın (BW) & Köşe (FW)
Birleştirme Tipi : Branş Assemblage type : Branch joint				Pa Pb	Pc	-
Kaynak Detayı : Arkadan Yarma/Atlık Weld details: gouging / backing			(A)	ss		ml
			(B)	-		BW (ss, sl, mb), FW (ml, sl, mb)
Ana metal grubu Parent metal group(s)	CEN ISO TR 15608			Grup 1.2 (S355J2)	Grup 1.2 (S355J2)	Grup 1.1, 1.2,2.1
Dolgu Malzemesi tipi ve gösterimi (Not1 'e bakınız) Filler metal type and designation See Note 1 overleaf			(A)	MG 3 (TS EN ISO 14341-A:11 3Si1) -	MG 3 (TS EN ISO 14341-A:11 3Si1) -	MG 3 (TS EN ISO 14341-A:11 3Si1)
			(B)	- -	- -	
Dolgu malzemesi grubu Filler materials) group				FM1	FM1	FM1,FM2
Örtü gaz veya toz EN ISO 14175 (gaz) EN ISO 14174 (toz) Shielding gas or flux EN ISO 14175 (gas)EN ISO 14174 (flux)			(A)	M20 (8% CO2 - Balanced Ar)	M20 (8% CO2 - Balanced Ar)	M20 (8% CO2 - Balanced Ar)
			(B)	-	-	
Yardımcılar Auxiliaries	EN ISO 14175 (gaz)		(A)	-	-	
			(B)	-	-	
Kalınlık (mm) thickness (mm)				t=10 mm	s=8 mm	BW (Alın): 5 mm - 20 mm / FW (Köşe): 4 mm - 16 mm
Dolgu metal kalınlığı (mm)			(A)	-	-	-
Deposited metal thickness (mm)			(B)	-	-	
Dış boru çapı (mm) Outside pipe diameter (mm)				-	-	Dz75 rotating pipes, Dz500mm fixed
Kaynak pozisyonu Welding position	EN ISO 6947			PA	PF, PG, PD	P.BW : PA, PC, PD, PE P.FW : Tüm FW Pozisyonları (PA'dan PJ'ye kadar) T.BW : T.BW.Branş : T.FW :

Test tipi Type of tests	Uygulandı ve Kabul Performed and Accepted			Uygulanmadı Not performed		
	Ass. 1	Ass. 2	Ass. Sup.	Ass. 1	Ass. 2	Ass. Sup.
Gözle Muayene/ Visual testing	☒	☐	☒	/	/	/
Radyografi ,veya Ultrasonik) / Radiography (or Ultrasonic Testing)	☒	☐	☐	☐	☒	☒
Manyetik parçacık testi / Magnetic Particle Test	☐	☐	☐	☒	☒	☒
Penetrant test / Dye Penetrant Test	☐	☐	☐	☒	☒	☒
Makro test / Macroscopic examination	☐	☐	☐	☒	☒	☒
Kırma testi / Fracture test	☒	☐	☒	☐	☒	☐
Bükme testi / Bend test	☒	☐	☐	☐	☒	☐
İlave testler (*) / Additional test(s) Ek raporlar (gerekliliğinde) / Attach reports (if required)	☐	☐	☐	☒	☒	☒

Yayınlanan Yer Issued Place	Kaynak Tarihi Date of Welding	Geçerlilik tarihi Valid until (date)	Sınav Yapan (İsim, imza, tarih)Examiner (Name, signature, date)	Teknik Müdür (İsim, imza, tarih) Technical Manager (Name, signature, date)
İSTANBUL			ZAFER ATINÇ EGER	ERSİN PASMACI
Sertifika verilig Tarihi Certificate issue date 16.03.2026	27.01.2026	28.01.2026	16.03.2026	16.03.2026

WE 025-TR.Rev07 24.07.2024

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TMS GROUP WPQR



END ENDÜSTRİYEL DENETİM
ÖZEL EĞİTİM VE BELGELENDİRME HİZMETLERİ A.Ş.
Barbaros Mahallesi. Barış Sokak. No:8
41780 Körfez KOCAELİ
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AB-0621-M
A127-004-001
PA-0901-00
01-23

Toplam Sayfa S. / N. Of Page Of T.R. 5

EN ISO 15614-1 KAYNAK YÖNTEMİ YETERLİLİK KAYDI
WELDING PROCEDURE QUALIFICATION RECORD (WPQR)

Manufacturer's WPQR No.	TMS-PQR-002
İmalatçı Manufacturer	TMS TÜFEKCİOĞLU MÜH. SAN. TİC. A.Ş.
Adres Address	D-100 Karayolu Uzuntarla Mevkii 41320 Kartepe KOCAELİ
Standart, Talimat Testing Standard, Procedure	TS EN ISO 15614-1:2017
Kaynak Tarihi Date of Welding	30.12.2022
Vasıf. Kapsamı Range of Qualification	
Kaynak Yöntemi, Yöntemleri Welding Process (es)	135
Birleştirme, Kaynak Tipi Type of Joint and Weld	BW, Tek Taraflı, Altlıksız - Kapsam Aralığı: Tek taraftan altlık olmadan yapılan kaynaklar, çift taraftan yapılan ve altlık kullanılarak yapılan kaynakları vasıflandırır.
Esas Grup., Alt Grup. Parent Metal. Gr(s), Sub-g.(s)	S355J2 - ISO/TR 15608 Grup: 1-2 - Kapsam Aralığı: Grup 1, aynı grubun eşit veya daha düşük belirtilen akma mukavemetli çeliklerini de kapsar.
Esas Metal Kalınlık Parent Material Thick., mm	2mm - Kapsam Aralığı: 1 - 4 mm
Kaynak Metal Kalınlığı Welding Metal Thickness, mm	2,5 mm Kapsam Aralığı: 5 mm
Köşe Kaynak Kalınlığı Throat Thickness, mm	N/A - Kapsam Aralığı: Köşe kaynaklarını vasıflandırır. Ancak imalatın büyük çoğunluğunun T-Birleştirme (köşe veya kısmi nüfuziyetli) olduğu durumlarda, köşe kaynağından test yapılması gerekir.
Tek, Çok Paso Single, Multi Run	Tek Paso
Boru Dış Çapı Outside Pipe Diameter, mm	N/A - Kapsam Aralığı: Boru dış çapı 500 mm'den büyük olan boruları veya dış çapı 150 mm'den büyük PC, dönen PF veya dönen PA pozisyonunda kaynak edilen boruları da kapsar.
Dolgu Malzeme Gösterimi Filler Material Designation	MAGMAWELD MG 2 EN ISO 14341-A G42 4M20 3Si1
Dolgu Malzemesi İmalatcısı Filler Metal Make	Tel (Wire)
Dolgu Malzemesi Ölçüsü Filler Metal Size, mm	Tel (Wire) Ø:1,0mm
Koruma Gazı, Toz. Designation Shielding Gas, Flux	ISO 14175 - M20 Kapsam Aralığı: ISO 14175 - M20
Arkalık Gazı Designation of Backing Gas	N/A
Akım Tipi, Kutup. Type of Welding Current, Polarity	DC(+)
Metal Geçiş Biçimi Mode of Metal Transfer	N/A
Isı Girdisi Heat Input, kJ/mm	Kapsam Aralığı: ± %25
Kaynak Konumları Welding Position	PA
Ön Isıtma Sıcaklığı Preheat, °C	20°C - Kapsam Aralığı: Ön ısıtma sıcaklığından 50 °C den fazla düşüş, yeni bir yöntem testi gerektirir.
Pasolararası Sıcaklık Interpass Temperature, °C	<250°C - Kapsam Aralığı: Maksimum pasolar arası sıcaklıktan 50°C den fazla artış, yeni bir yöntem gerektirir.
Son Isıtma Post-Heating	N/A

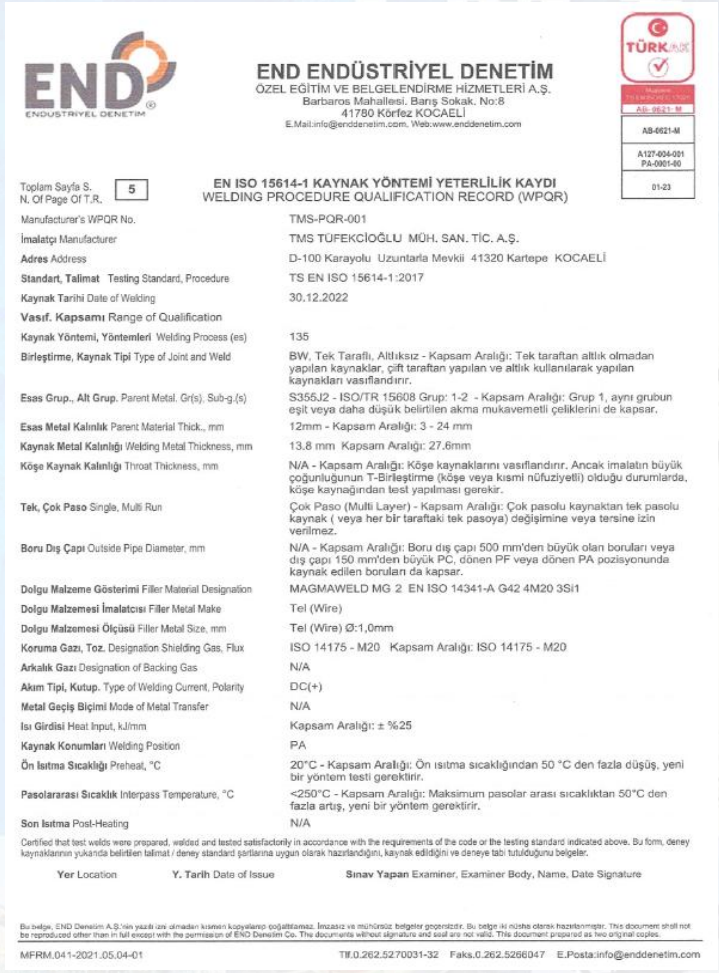
Certified that test welds were prepared, welded and tested satisfactorily in accordance with the requirements of the code or the testing standard indicated above. Bu form, deney kaynaklarının yukarıda belirtilen talimat / deney standard şartlarına uygun olarak hazırlandığını, kaynak edildiğini ve deneye tabi tutulduğunu belgeler.

Yer Location | Y. Tarih Date of Issue | Sınav Yapan Examiner, Examiner Body, Name, Date Signature

Bu belge, END Denetim A.Ş.'nin yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve mühürsüz belgeler geçersizdir. Bu belge iki nüsha olarak hazırlanmıştır. This document shall not be reproduced other than in full except with the permission of END Denetim Co. The documents without signature and seal are not valid. This document prepared as two original copies.

MFRM.041-2021.05.04-01 Tlf.0.262.5270031-32 Faks.0.262.5266047 E.Posta:info@enddenetim.com

WPQR THICKNESS RANGE 1-4 mm



END ENDÜSTRİYEL DENETİM
ÖZEL EĞİTİM VE BELGELENDİRME HİZMETLERİ A.Ş.
Barbaros Mahallesi. Barış Sokak. No:8
41780 Körfez KOCAELİ
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AB-0621-M
A127-004-001
PA-0901-00
01-23

Toplam Sayfa S. / N. Of Page Of T.R. 5

EN ISO 15614-1 KAYNAK YÖNTEMİ YETERLİLİK KAYDI
WELDING PROCEDURE QUALIFICATION RECORD (WPQR)

Manufacturer's WPQR No.	TMS-PQR-001
İmalatçı Manufacturer	TMS TÜFEKCİOĞLU MÜH. SAN. TİC. A.Ş.
Adres Address	D-100 Karayolu Uzuntarla Mevkii 41320 Kartepe KOCAELİ
Standart, Talimat Testing Standard, Procedure	TS EN ISO 15614-1:2017
Kaynak Tarihi Date of Welding	30.12.2022
Vasıf. Kapsamı Range of Qualification	
Kaynak Yöntemi, Yöntemleri Welding Process (es)	135
Birleştirme, Kaynak Tipi Type of Joint and Weld	BW, Tek Taraflı, Altlıksız - Kapsam Aralığı: Tek taraftan altlık olmadan yapılan kaynaklar, çift taraftan yapılan ve altlık kullanılarak yapılan kaynakları vasıflandırır.
Esas Grup., Alt Grup. Parent Metal. Gr(s), Sub-g.(s)	S355J2 - ISO/TR 15608 Grup: 1-2 - Kapsam Aralığı: Grup 1, aynı grubun eşit veya daha düşük belirtilen akma mukavemetli çeliklerini de kapsar.
Esas Metal Kalınlık Parent Material Thick., mm	12mm - Kapsam Aralığı: 3 - 24 mm
Kaynak Metal Kalınlığı Welding Metal Thickness, mm	13.8 mm Kapsam Aralığı: 27.6mm
Köşe Kaynak Kalınlığı Throat Thickness, mm	N/A - Kapsam Aralığı: Köşe kaynaklarını vasıflandırır. Ancak imalatın büyük çoğunluğunun T-Birleştirme (köşe veya kısmi nüfuziyetli) olduğu durumlarda, köşe kaynağından test yapılması gerekir.
Tek, Çok Paso Single, Multi Run	Çok Paso (Multi Layer) - Kapsam Aralığı: Çok pasolu kaynaktan tek pasolu kaynak (veya her bir taraftaki tek pasoya) değişimine veya tersine izin verilmez.
Boru Dış Çapı Outside Pipe Diameter, mm	N/A - Kapsam Aralığı: Boru dış çapı 500 mm'den büyük olan boruları veya dış çapı 150 mm'den büyük PC, dönen PF veya dönen PA pozisyonunda kaynak edilen boruları da kapsar.
Dolgu Malzeme Gösterimi Filler Material Designation	MAGMAWELD MG 2 EN ISO 14341-A G42 4M20 3Si1
Dolgu Malzemesi İmalatcısı Filler Metal Make	Tel (Wire)
Dolgu Malzemesi Ölçüsü Filler Metal Size, mm	Tel (Wire) Ø:1,0mm
Koruma Gazı, Toz. Designation Shielding Gas, Flux	ISO 14175 - M20 Kapsam Aralığı: ISO 14175 - M20
Arkalık Gazı Designation of Backing Gas	N/A
Akım Tipi, Kutup. Type of Welding Current, Polarity	DC(+)
Metal Geçiş Biçimi Mode of Metal Transfer	N/A
Isı Girdisi Heat Input, kJ/mm	Kapsam Aralığı: ± %25
Kaynak Konumları Welding Position	PA
Ön Isıtma Sıcaklığı Preheat, °C	20°C - Kapsam Aralığı: Ön ısıtma sıcaklığından 50 °C den fazla düşüş, yeni bir yöntem testi gerektirir.
Pasolararası Sıcaklık Interpass Temperature, °C	<250°C - Kapsam Aralığı: Maksimum pasolar arası sıcaklıktan 50°C den fazla artış, yeni bir yöntem gerektirir.
Son Isıtma Post-Heating	N/A

Certified that test welds were prepared, welded and tested satisfactorily in accordance with the requirements of the code or the testing standard indicated above. Bu form, deney kaynaklarının yukarıda belirtilen talimat / deney standard şartlarına uygun olarak hazırlandığını, kaynak edildiğini ve deneye tabi tutulduğunu belgeler.

Yer Location | Y. Tarih Date of Issue | Sınav Yapan Examiner, Examiner Body, Name, Date Signature

Bu belge, END Denetim A.Ş.'nin yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve mühürsüz belgeler geçersizdir. Bu belge iki nüsha olarak hazırlanmıştır. This document shall not be reproduced other than in full except with the permission of END Denetim Co. The documents without signature and seal are not valid. This document prepared as two original copies.

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WPQR THICKNESS RANGE 3-24 mm

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