

atlas[®] EMPOWERING SUCCESS



www.atlastrafo.com



Who Are We?

We are Atlas Trafo, committed to producing high-quality, reliable, and durable transformers.

We maximize the efficiency of our engineering infrastructure and consistently aim to achieve precise results. From our production facility in İzmir, we extend our reach globally.

Our Ability: **Empowering Success.**



We ensure consistent quality in each transformer we manufacture, continuously strengthening through success.

Everything Here is as **It Should Be.**

Quality production, rapid response capabilities,
problem-solving expertise, customer satisfaction,
effective communication, and a well-functioning
system...



World of Atlas

We adhere to strict standards.

Production as It Should Be:

In the World of Atlas, we produce with a commitment to long-lasting and sustainable quality, ensuring no issues arise.

Service as It Should Be:

In the World of Atlas, we provide customized solutions through accurate pre-sales analysis and thorough follow-up on all post-sales operations.

Management as It Should Be:

In the World of Atlas, we adopt a management approach founded on respect and principles, with a flawless system.

Communication as It Should Be:

At Atlas, every idea is valued. We prioritize direct and open communication with our colleagues and customers.



Sustainability

Commitment to Sustainability

At the World of Atlas, we are firmly committed to making a positive impact on the environment through the implementation of sustainable practices with deeply embedded in all aspects of our operations, encompassing design, manufacturing, distribution, and end-of-life management.

Reducing Carbon Footprint

We prioritize the reduction of our carbon footprint by optimizing production processes and investing in energy-efficient technologies with leveraging renewable energy sources and enhancing operational efficiency.

Recycling and Waste Management

Recycling is a fundamental component of our environmental strategy. We implement comprehensive recycling programs that ensure the materials used in our transformers are recycled and reused whenever feasible.

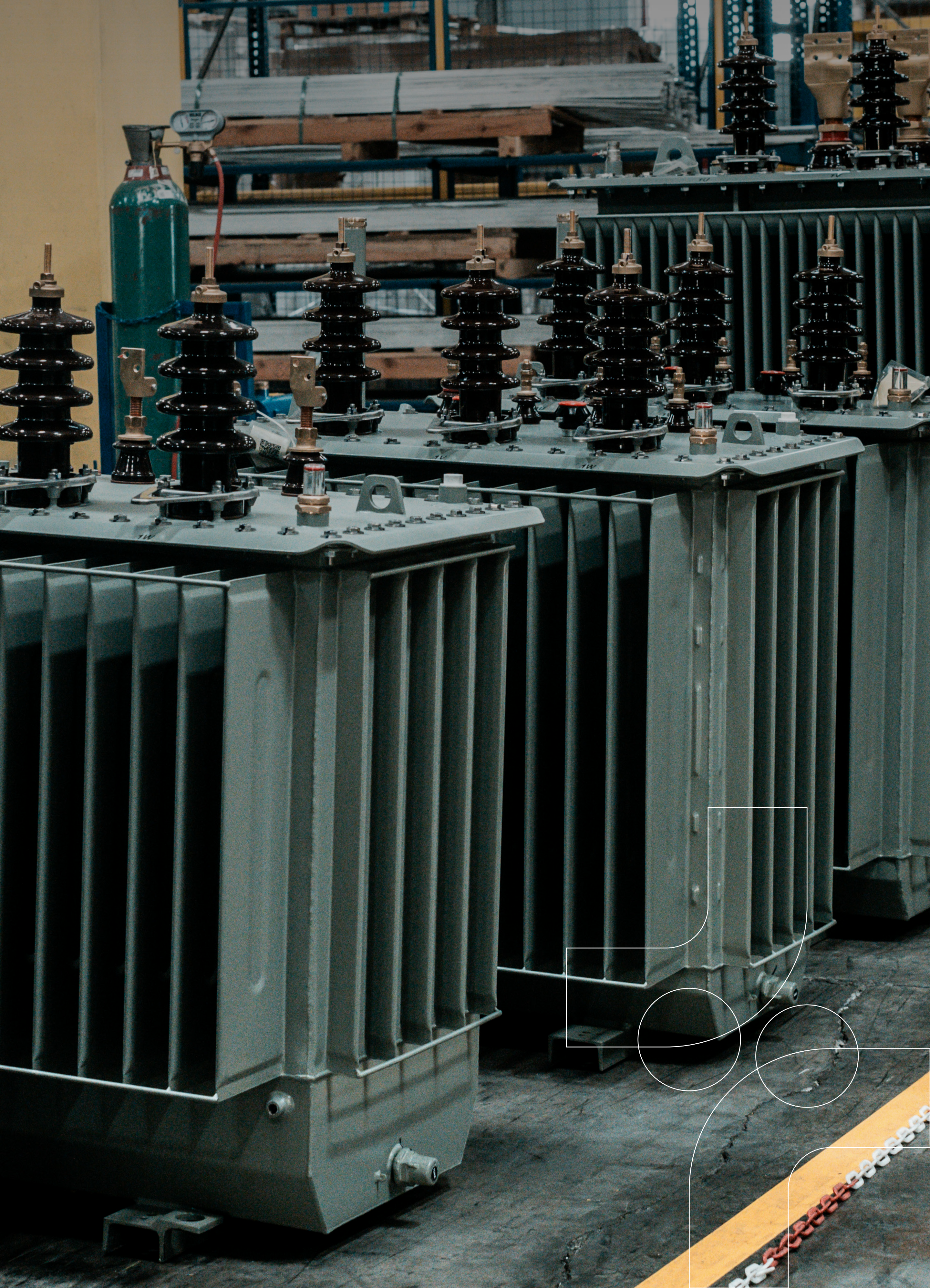
Eco-Friendly Design

Our transformers are meticulously designed with sustainability as a guiding principle. We utilize environmentally friendly materials and adhere to stringent industry standards to ensure that our products are both high-performing and eco-conscious. As we reduce the frequency of replacements, thereby decreasing the overall environmental impact.

Community and Education

Through educational initiatives and strategic partnerships, we aim to raise awareness about the importance of environmental stewardship and encourage the adoption of sustainable practices.

Quality Production is
Our Strong Point.



Production Design

- Tailor-made design for all customer specifications at Atlas design department
- Analyses for design and realistic test results
- 3D assembly and electrical clearance studies
- Raw material performance and design integration for product uniqueness

Magnetic Core

- Fully automated core cutting line
- High-quality CRGO steel
- Low loss (Eco-design, Tier 2 or lower)
- Low noise level
- Amorphous core studies

LV and HV Windings

- Copper or aluminum conductors
- Hi-tech, fully automated, tension PLC-controlled machinery
- High mechanical and thermal short circuit withstand capability

Pre-Assembly, Drying Process, and Final Assembly

- Pre-tests and quality checkpoints as semi-finished product
- Thermostatically plc controlled vacuum ovens
- Oil filling under vacuum
- Tanks are pre-treated by sandblasting and painted with high-performance industrial paint as per the customer's requirement



Our Products

Distribution Transformers

Three-phase distribution transformers, produced in the 50 to 2500 kVA power range and up to a maximum of 36 kV, are available in conservator and hermetic designs.

Accessory options, such as protection relays, thermometers, and oil pressure valves, are available.

Power Transformers

Our three-phase power transformers, designed for heavy-duty applications, are available in the power range of 2500 to 16,000 kVA. With voltage levels ranging from 6.3 kV up to a maximum of 36 kV, these transformers are ideal for a wide range of power distribution needs. They also come with various accessory options, such as protection relays, thermometers, and oil pressure valves, for enhanced functionality.

Custom Design Transformers

Up on customer request, reactors, railway, and earthing type transformers are produced according to particular specifications and harsh environmental conditions.



**We
Transform
Energy
into Trust.**

Quality

To meet ISO 9001 standards, we continuously improve our quality management system documentation, certifications, and education.

6 Gates QC Plan

1. Incoming Material Control

Warehouse

2. Coil Control

Warehouse

3. Pre-Assembly Control

Oven

4. Assembly Control

Vacuum

5. Test Control

Finished
trafo area

6. Final Dispatch Control

Traceability

Each part of a transformer (such as core, coils, cover, tank) has labels or embossed definitions with design numbers and unique serial number on it. Through this unique serial number, we can trace transformers in terms of raw materials, dimensions, visual control results, manufacturing operator/the machine, and dates etc.

Testing

- Tests as per IEC EN 60076-1 standard
- Intermediate tests in all production stages
- Special tests for global inspections
- ISO 17025 accreditation application ongoing



Certificates



DNV-GL

KEMA TYPE TEST CERTIFICATE OF SHORT-CIRCUIT PERFORMANCE

Atlas Trafo A.S.,
Izmir, Turkey

has successfully passed the type test sequence on a
A three-phase oil-immersed

Distribution transformer
Type: Oil type distribution transformer
Rating: 1000 kVA - (33 kV + 2 x 1,5 kV - 3 x 1,5 kV) / 0,4 kV - Dyn11 - 50 Hz

The test object passed the specification of test duties of
IEC 60076-5
subclause 4.2 (Ability to withstand the dynamic effects of short-circuit)

The test results are recorded in Certificate No.
5047-17

This Certificate was issued on 11 April 2017

Züdebrici, a.s.
R. Jech
Robert Jech
Operational Manager

KEMA Laboratories

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DNV-GL

KEMA TYPE TEST CERTIFICATE OF SHORT-CIRCUIT PERFORMANCE

Atlas Trafo A.S.,
Izmir, Turkey

has successfully passed the type test sequence on a
A three-phase oil-immersed

Distribution transformer
Type: Oil type distribution transformer
Rating: 400 kVA - (33 kV + 2 x 1,5 kV - 3 x 1,5 kV) / 0,4 kV - Dyn11 - 50 Hz

The test object passed the specification of test duties of
IEC 60076-5
subclause 4.2 (Ability to withstand the dynamic effects of short-circuit)

The test results are recorded in Certificate No.
5046-17

This Certificate was issued on 11 April 2017

Züdebrici, a.s.
R. Jech
Robert Jech
Operational Manager

KEMA Laboratories

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FIRST QUALITY CERTIFICATION

FQC
FIRST QUALITY CERTIFICATION
SERTİFİKA

Bu Sertifika,
ATLAS TRAFÖ ANONİM ŞİRKETİ
Izmir Rancas Organize Sanayi Bölgesi 6. Cadde No:4 Z:01
Türkiye / İzmir / Türkiye
kuruluşunun,
DAĞITIM VE ÖLÇ TRAFÖLERİ İMALATI, SATIŞI, SERVİS VE PAZARLAMA HİZMETLERİ
BA 15, 29
kapsamında,
ISO 14001:2004
Çevre Yönetim Sistemi standartının şartlarına uygun bir yönetim sistemi kurduğuna ve uyguladığına emniyetli olarak karar verilmiştir.

Bu Veriyi Tarihli : 22.09.2017
Belge Tarihli : 22.09.2017
Belge Periyodu : 3 Yıl
Bilgi Tarihli : 15.09.2018
Sertifika No : 02.17.4791.4677.0

FQC Quality Certification
Sistem Yönetimi Danışmanlığı
Mühür / Turkey / Türkiye
www.fqc.com.tr

IAF **DAKS**

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Türkiye / İzmir / Türkiye
kuruluşunun,
DAĞITIM VE ÖLÇ TRAFÖLERİ İMALATI, SATIŞI, SERVİS VE PAZARLAMA HİZMETLERİ
BA 15, 29
kapsamında,
ISO 9001:2008
Kalite Yönetim Sistemi standartının şartlarına uygun bir yönetim sistemi kurduğuna ve uyguladığına emniyetli olarak karar verilmiştir.

Bu Veriyi Tarihli : 22.09.2017
Belge Tarihli : 22.09.2017
Belge Periyodu : 3 Yıl
Bilgi Tarihli : 15.09.2018
Sertifika No : 01.17.4791.112144.0

FQC Quality Certification
Sistem Yönetimi Danışmanlığı
Mühür / Turkey / Türkiye
www.fqc.com.tr

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HILKAR
ELEKTRİK ELEKTROTEKNİK SAN. VE TİC. LTD. ŞTİ.
TEST LABORATUVARI / DENEME LABORATUVARI

1. Organize Sanayi Bölgesi 1. Mh. Tel No: 16 5400
ANKARA / SAKARYA / TÜRKİYE
Tel : +90 264 275 95 40 Fax : +90 264 275 12 16

AB-0955-T
170008
08.2017

TEST REPORT
DENEY RAPORU

Customer Name / Müşteri Adı : Atlas Trafo A.Ş.
Customer Address / Müşteri Adresi : Rancas Organize Sanayi Bölgesi 6. Cadde No:4-01 Türkiye, İzmir / TÜRKİYE
Description of Sample / Numune Tanımı : 1000 kVA 33/0,4 kV 50 Hz Yığılmalı Tip Güç Transformatoru
Trade Mark / Type / Marka / Tür : Atlas Trafo / Hermetik
Test(s) Performed / Yapılan Deney(ler) : Tanı Dalga Yalıtım Dalga Deneyi, Ses Seyriyatının Belirlenmesi Deneyi, Sıcaklık Artış Deneyi, Yüksek Kayın ve Akım Ölçümü Deneyi
Test Standard(s) / Deney Standartları : TS EN 60076-5:2014, TS EN 60076-10:2017, TS EN 60076-2:2011, TS EN 60076-1:2012
Serial Number(s) / Seri No(s) : 1404
Reception Date of Sample / Numune Kabul Tarihi : 08.08.2017
Test Date(s) / Deney Tarihi(leri) : 08.08.2017 - 07.09.2017 - 08.08.2017
Number of Pages of the Report / Raporun Sayfa Sayısı : 17
Test(s) Result(s) / Deney Sonuçları : Passed / Geçti Failed / Geçmedi Other / Diğer

HILKAR is accredited by TÜRKAK under registration number AB-0955-T for TS EN ISO IEC 17025:2012 as test laboratory.
DENEY LABORATUVARININ AKREDİTASYON BELGESİ HILKAR, TÜRKAK'tan AB-0955-T ile TS EN ISO IEC 17025:2012 standardına göre akredite edilmiştir.

The Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for the Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.
Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınması konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşmalarına imzalamıştır.

The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.
Deney ve/veya ölçüm sonuçları, gerektirdiği ölçüm belirsizlikleri (eğer varsa) ve deney metodları, bu sertifikaya eklenen raporun sonraki sayfalarında ayrıntılı olarak belirtilmiştir.

Date / Tarih : 21.08.2017
Person in Charge of Test / Deney Sorumlusu : *Kemal HILKARLI*
Approval / Onay : *Kemal HILKARLI*

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Bu rapor, laboratuvarın izni olmadan başka amaçlarla çoğaltılmamalıdır. İmzasız ve mühürsüz raporlar geçerli değildir.

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TEST LABORATUVARI / DENEME LABORATUVARI

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ANKARA / SAKARYA / TÜRKİYE
Tel : +90 264 275 95 40 Fax : +90 264 275 12 16

AB-0955-T
170008
08.2017

TEST REPORT
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Customer Name / Müşteri Adı : Atlas Trafo A.Ş.
Customer Address / Müşteri Adresi : Rancas Organize Sanayi Bölgesi 6. Cadde No:4-01 Türkiye, İzmir / TÜRKİYE
Description of Sample / Numune Tanımı : 1000 kVA 33/0,4 kV 50 Hz Yığılmalı Tip Güç Transformatoru
Trade Mark / Type / Marka / Tür : Atlas Trafo / Hermetik
Test(s) Performed / Yapılan Deney(ler) : Tanı Dalga Yalıtım Dalga Deneyi, Ses Seyriyatının Belirlenmesi Deneyi, Sıcaklık Artış Deneyi, Yüksek Kayın ve Akım Ölçümü Deneyi
Test Standard(s) / Deney Standartları : TS EN 60076-5:2014, TS EN 60076-10:2017, TS EN 60076-2:2011, TS EN 60076-1:2012
Serial Number(s) / Seri No(s) : 1403
Reception Date of Sample / Numune Kabul Tarihi : 06.08.2017
Test Date(s) / Deney Tarihi(leri) : 06.08.2017, 10.08.2017, 12.08.2017
Number of Pages of the Report / Raporun Sayfa Sayısı : 19
Test(s) Result(s) / Deney Sonuçları : Passed / Geçti Failed / Geçmedi Other / Diğer

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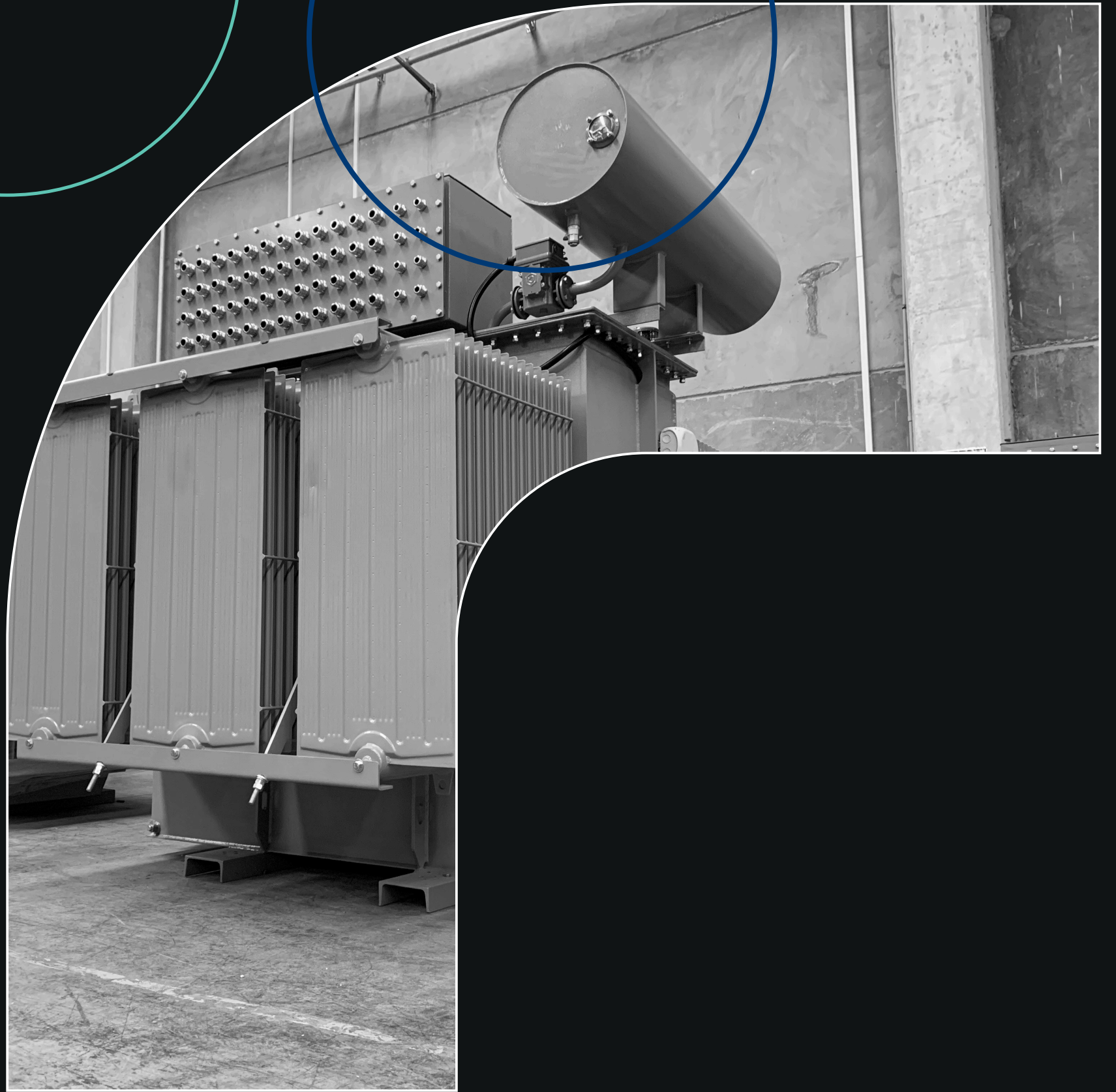
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The World of Atlas

Draws Strength from the World.

We export our transformers to more than 40 countries across 4 continents, drawing our strength from the world.

ri atlas[®] EMPOWERING
SUCCESS

Atlas Trafo A.Ş.

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