

# Corporate Presentation

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**MOSKİNO** has been manufacturing and maintaining  
rolling stock for over 25 years.  
We support rolling stock operators by:

New wagon  
design

New wagon  
production

Preventive  
maintenance

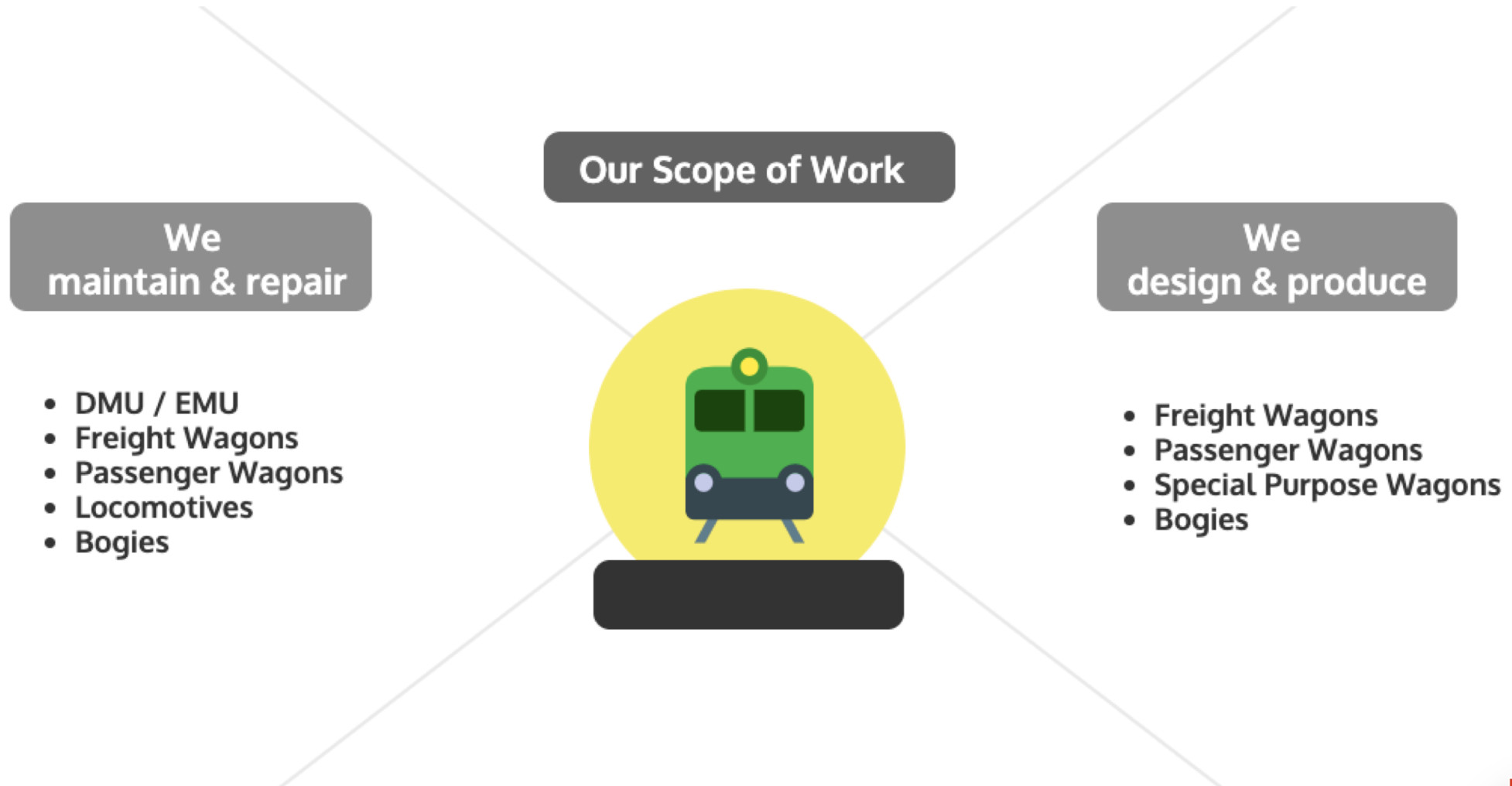
Damage repair

Revision

Fault finding

# Our Scope of Work

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# Some of Our Clients





# Our Facilities



- Adapazarı – Pamukova Factory
- Çankırı – Maintenance Depot
- Ankara – Behiçbey \*
- Zonguldak – Çatalağzı \*
- Kayseri - Center \*
- Eskişehir – Hasanbey \*
- Kırıkkale – Irmak \*
- Adana – Center \*
- İzmir – Center \*
- Konya – Center \*

\* TCDD facilities used by the terms of contracts

# Our Facilities

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# Production Equipments and Processes

## Production Equipments

Laser Cutting

Plasma Cutting

CNC Vertical  
Processing Center

Press Brake

Profile Bending

Guillotine Shears

Welding Equipments  
& Fixtures

## Processes

Chemical  
Processes

Sand  
Blasting

Welded mounting of  
EN 15085 Certified  
components

Paint Cabin



# Projects: Production



- 18-11 Type Suburban Train Wagon Production – 45 Wagons
- RIC Type Air Conditioned Wagon Production – 13 Wagons
- K51 Type Air Conditioned Wagon Production – 10 Wagons
- Anadolu DMU Wagons Production – 126 Wagons
- 44 EMU Sets (Marmaray) Fit Out
- Eanoss Type Freight Wagon Production – 150 Wagons
- DE24000 Locomotive Drivers Cabin Production - 15 Cabins
- Schlieren bogie - 40 Bogies
- Accomodation Wagons
- Pullman Wagons
- Restaurant Wagons
- Compartment Wagons

# Projects: Maintenance & Revision

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- E14000 EMU Revision – 36 Sets
- MT 5500 Motor Train Revision – 21 Sets (İzmir)
- Revision on V1 Type Wagons
- Revision of V2 Type Wagons – 54 Wagons
- Revision of V3 Type Wagons
- Pullman, Suburban, Restaurant, Couchette, Compartement, Luggage
- Freight Wagon Revision – 360 Wagons (Sivas)
- Power Generator Car Revision
- Air Conditioned Wagon Repair & Maintenance – 160 Wagons (Ankara, Adana, Sivas, Samsun, Diyarbakır, Malatya, İstanbul)





# Projects: Locomotive Modernization

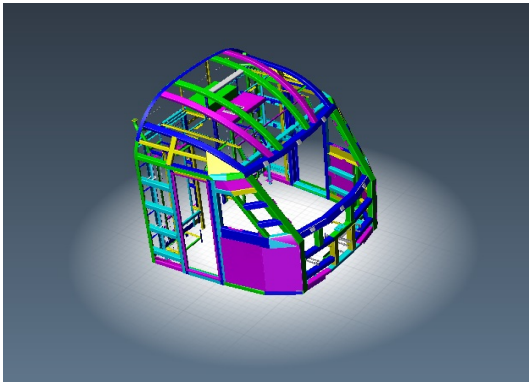
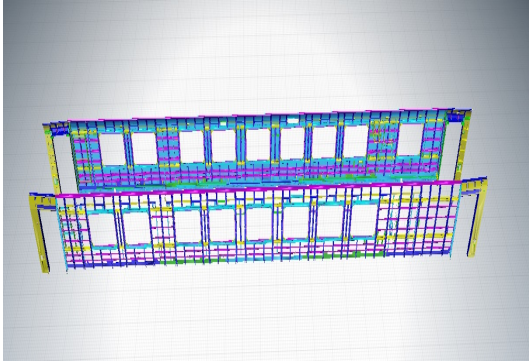
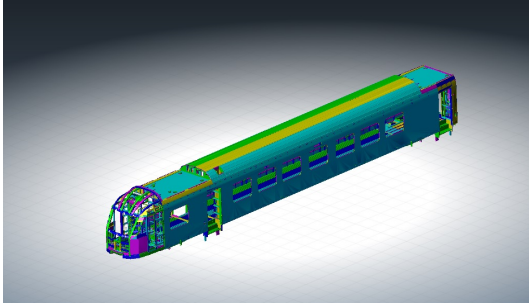
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- DE 22000 Diesel Electric Locomotive Modernization
- DE 24000 Diesel Electric Locomotive Modernization
- DE 33000 Diesel Electric Locomotive Modernization
- E 43000 Electric Locomotive Modernization
- E 68000 Electric Locomotive Body Works and Paint

# Design Works

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- TCDD DMU (Rotem) Project Revisions
- TCDD EMU (Rotem) Interior Part Design
- TCDD Marmaray Interior Fitting Design
- TCDD E14000 EMU Modernization Project Design
- TCDD MT5500-MT5700 Modernization Project Design
- Durmazlar LRV Underfloor Container Design
- TCDD PRM Wagon Modernization Project Design
- TCDD Saloon Wagon Design

# Certificates



## Maintenance Functions Certificate



confirming acceptance of the maintenance system of an entity in charge of maintenance (ECM) within the European Union in conformity with Directive 2004/49/EC and Regulation (EU) N°445/2011

### 1. CERTIFIED ENTITY IN CHARGE OF MAINTENANCE

Legal title: <b>MOSKİNO MAKİNA ELEKTRİK REKLAM İNŞAAT YAZILIM İTHALAT İHRACAT LTD.ŞTİ</b>	
Commercial designation or acronym (voluntary): /	
Complete postal address (street, postal, code, city, country): <b>Mustafa Kemal Mahallesi 2140 sokak No:2/5 Cankaya - Turkey</b>	
Registration business number: <b>300107</b>	VAT No: <b>622 058 76 58</b>

### 2. CERTIFICATION BODY

Legal title: <b>CERTIFER SA</b>
Complete postal address (street, postal code, city, country): <b>18 Rue Edmond Membrée – 59300 Valenciennes - FRANCE</b>
Certification body reference number: <b>FR/30/0218/0001</b>

### 3. CERTIFICATE INFORMATION

This is a	<input type="checkbox"/> - new certificate	<input type="checkbox"/>	ECM Identification Number of the previous certificate: <b>FR/32/0219/0028</b>
	<input type="checkbox"/> - renewed certificate		
	<input checked="" type="checkbox"/> - updated/amended certificate	<input checked="" type="checkbox"/>	
Validity from: <b>2019/03/14</b>		To: <b>2020/03/03</b>	
Type of company: <b>maintenance supplier</b>			
(Railway undertaking, keeper, maintenance supplier, etc.)			

### 4. SCOPE OF ECM ACTIVITIES

Covers tank wagons for dangerous goods	Yes/No
Covers other wagons specialised in transport of dangerous goods	Yes/No

### 5. MAINTENANCE FUNCTIONS

Maintenance development:	YES <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Fleet maintenance management:	YES <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Maintenance delivery:	YES <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### 6. ADDITIONAL INFORMATION

The assessment was made in accordance with ECM certification scheme, version 1.0 of 28/10/2011. Newcomer.

Date issued YYYY/MM/DD

The Chief Executive Director

2019/03/14

Internal reference number

FR/32/0219/0030



CERTIFER SA - Siège social : 18 rue Edmond Membrée - CS 40141 - 59308 Valenciennes Cedex

Tél : +33 (0)3 27 28 35 00 - Fax : +33 (0)3 27 28 35 09 - www.certifer.eu

Société Anonyme au capital de 9 000 180.00 € - TVA/SIRET: FR28 802 053 397 00039 - NAF : 7120B - RCS Valenciennes 802 053 397

# CERTIFICATE

## MOSKİNO MAKİNA ELEKTRİK REKLAM İNŞAAT YAZILIM İTHALAT İHRACAT LTD. ŞTİ.

MUSTAFA KEMAL MAHALLESİ 2140 CAD. GÖKTAN APT. NO: 2/5 ÇANKAYA/ANKARA

### ISO 9001:2015

#### KALİTE YÖNETİM SİSTEMİ

Quality Management System

“DEMİRYOLLARI, ALTYAPI, ÜSTYAPI, İNŞAAT TAAHHÜT VE MÜHENDİSLİK HİZMETİ RAYLI SİSTEM VE KARA TAŞITLARI, İŞ MAKİNALARI BAKIM ONARIM HİZMETLERİ, KLİMA BAKIM ONARIM HİZMETLERİ, İNŞAAT VE HIRDAVAT MALZEMELERİ SATIŞI”

Kapsamında uygunluğunu onaylar.

Sertifika No	: NS.KS.095/2018
Sertifika İlk Düzenleme Tarihi	: 14.03.2018
Sertifika Düzenleme Tarihi	: 11.03.2019
Sertifika Geçerlilik Tarihi	: 13.03.2020
Belgelendirme Periyodu	: 3 yıl
EA Kodu	: 28-29
Rev. No	: 00

Onay / Approved

Bu ISO 9001:2015 Kalite Yönetim Sistemi sertifikası, kuruluşun NETSERT Belgelendirme Kurallarına uyması ve yılda en az bir defa yapılacak gözetim denetimlerinde başarılı olması durumunda, yukarıda belirtilen adreslerde yaygın olduğu faaliyetler için geçerlidir. Belgelinin geçerlilik durumu www.netsert.net adresinden kontrol edilebilir.

This ISO 9001:2015 Quality Management System certificate is valid in case of operation in accordance with the Netsert Certification rules and also the surveillance audits conducted at least once a year. To check this certification validity please visit www.netsert.net

Die Gültigkeit dieser Bescheinigung kann bei www.netsert.net geprüft werden. Dieses Zertifikat ist nur in Verbindung mit der erfolgreichen Durchführung der Überwachungsaudits gültig.

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www.netsert.net

- ECM Maintenance Supplier
- IRIS
- EN 1085-2 CL1 Welding Cert.
- EN ISO 3834-2 : 2005
- ISO 9001 : 2015
- EN ISO 27001 : 2013
- OHSAS 18001 : 2007
- ISO 14001 : 2015