

---



**MAATIL**

The logo for MAATIL features the company name in a bold, dark grey, sans-serif font. A red swoosh starts from the bottom left of the 'I' and curves upwards and to the right, ending above the 'L'. A small red five-pointed star is positioned at the peak of this swoosh, directly above the 'I'.

**Materials Testing & Innovation Laboratories Co.**

---



**TİM** TÜRKİYE  
EXPORTERS  
ASSEMBLY



**immib**  
Istanbul Mineral and Metals  
Exporters' Association



**MATIL**  
Materials Testing & Innovation Laboratories Co.

MATİL A.Ş. was established on the ITU Ayazaga campus by the Turkish Steel Exporters' Association to provide services in the following areas and has been operational since May 2016:

- Accredited Laboratory Test/Analysis
- Research & Development
- Education & Training



# Corporate Identity

# Competencies

- ❑ Accredited Laboratory: TS EN ISO/IEC 17025
- ❑ Cares: Authorised Test Center
- ❑ R&D Center
- ❑ Environmental Test Laboratory



# Laboratories



MECHANICAL TEST LABORATORY



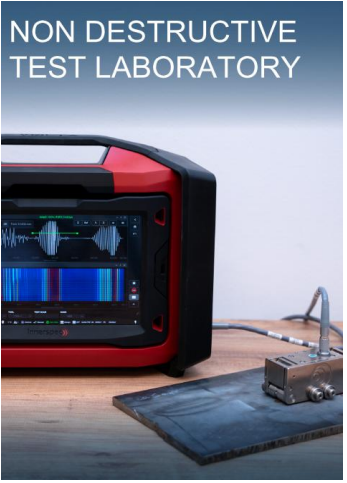
CHEMICAL & COAL ANALYSIS LABORATORY



MICROSTRUCTURE & MATERIAL ANALYSIS LABORATORY

**Standards**

API, AS/NZS, ASME, ASTM, AWS, BS, BRL, CS, DIN, DS/INF, EN, GOST, ISO, JIS, LVS, MS, NBN, NEN, NF, NS, PN-H, SFS, SI, SS, TS, UNE



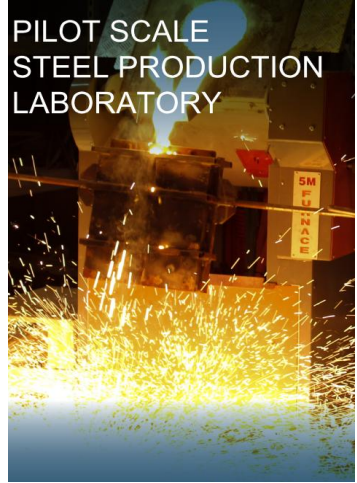
NON DESTRUCTIVE TEST LABORATORY



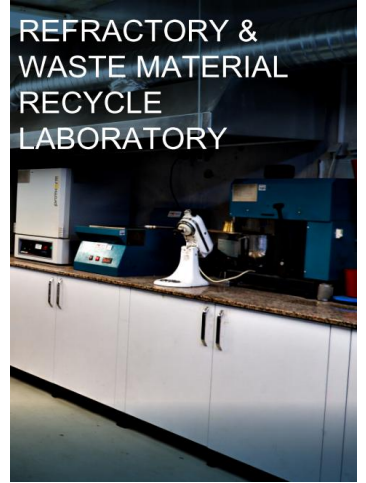
GRAFEN & NANOMATERIALS LABORATORY



X-RAY LABORATORY

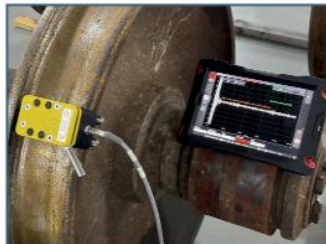
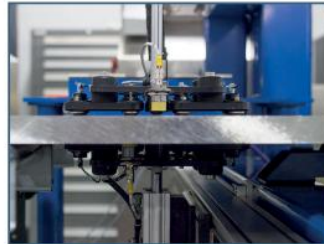


PILOT SCALE STEEL PRODUCTION LABORATORY



REFRACTORY & WASTE MATERIAL RECYCLE LABORATORY

# Custom NDT Solutions for Industry



Custom On-Line, Off-Line Industrial & Portable  
Non-Destructive Test/Control Solutions

# Industries Served





TENMAK TUGEP FUNDING  
PROGRAMME



01.07.2024-31.06.2027



**TENMAK**  
TURKISH ENERGY, NUCLEAR AND  
MINERAL RESEARCH AGENCY



## R&D

Development of Integrated CO<sub>2</sub> Capture & Slag  
Mineralization Process for Steelmaking (CARBOSLAG)

Our frequently requested some of the training titles:

- Oxygen and Hydrogen Control in Steelmaking
- Principles of Development of Steel Grades and Effects of Metallurgical Parameters
- Mechanical-Physical Metallurgy of Steels and Heat Treatment- Welding Applications
- Grain Size Measurement and Residue Analysis in Steels
- Producing Steel from Scrap (Scrap, Behavior of Elements and Effect on Properties)
- Fasteners: Overview, Materials and Damage Mechanisms
- Thermomechanical Rolling and Next Generation Steels
- Corrosion of Steels, Protection Methods and Appropriate Steel Selection
- Scrap Expertise Training in the Iron and Steel Industry
- Finite Element Analysis (FEA) and Design Engineering Training for Steel Production
- Draft Survey Training

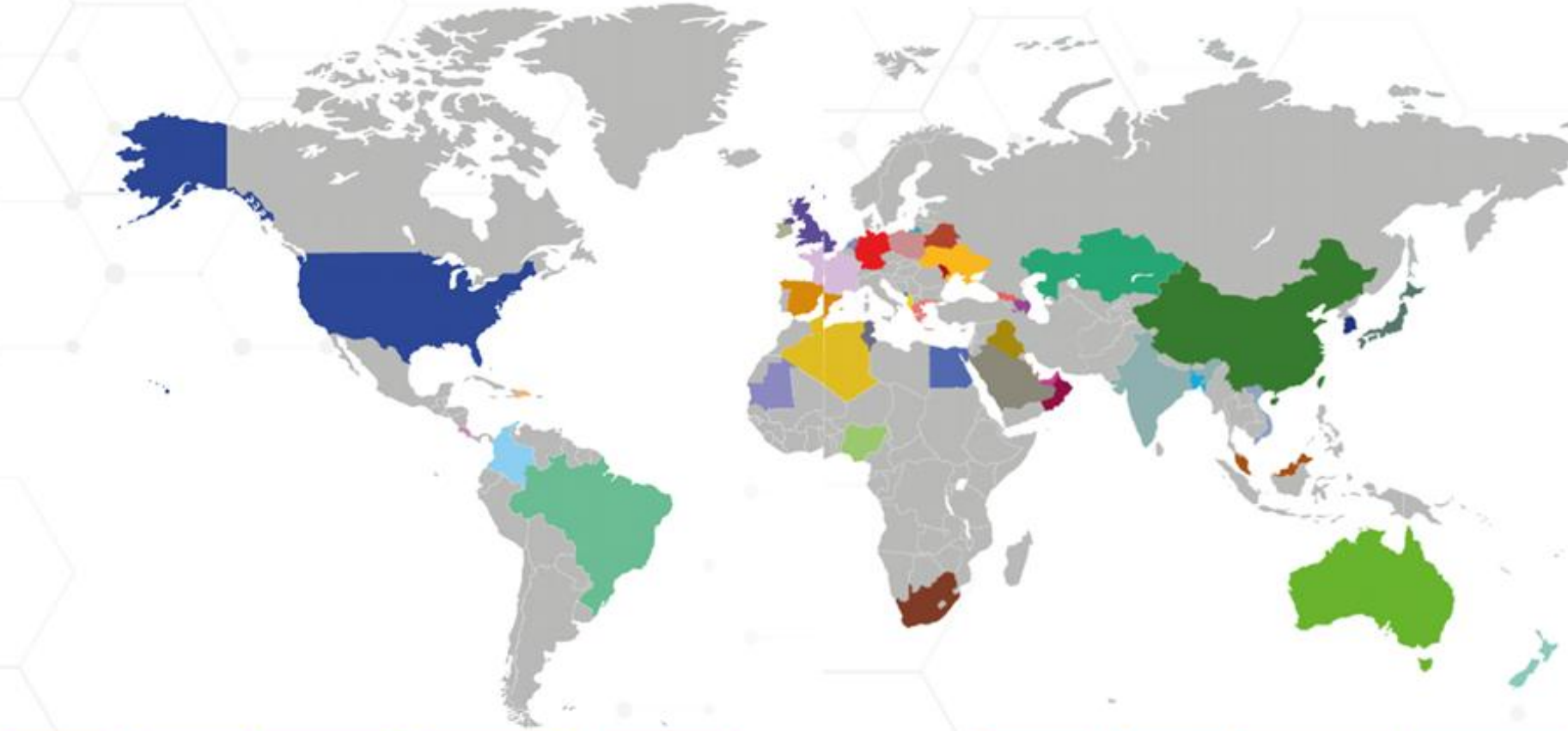


# MATIL Steel Academy



# Hydrogen Testing and Green Transformation Center

# Countries We Serve



GERMANY	USA	ALBANIA	AUSTRALIA	AZERBAIJAN
BRAZIL	ALGERIA	CHINA	DOMINICAN REPUBLIC	FRANCE
HOLLAND	IRAQ	ENGLAND	IRELAND	KAZAKHSTAN
COLOMBIA	COSTA RICA	MALAYSIA	EGYPT	SAUDI ARABIA
	TRINIDAD AND TOBAGO	TUNISIAN	UKRAINE	

UAE	BAHRAIN	BANGLADESH	BELARUS
SOUTH AFRICA	SOUTH KOREA	GEORGIA	INDIA
SPAIN	JAPAN	MONTENEGRO	QATAR
MOLDOVA	MAURITANIA	NIGERIA	POLAND
OMAN	VIETNAM	NEW ZEALAND	GREECE





**MATIL MATERIAL TESTING AND INNOVATION LABORATORIES CO.**

Istanbul Teknik Üniversitesi / Ayazağa Kampüsü  
Reşitpaşa Mah. Katar Cad. Apt.No:2 / 90 Sarıyer / İSTANBUL

+90 212 286 33 80

@ matil@matil.org

www.matil.org



www.matil.org

Thanks...



MATIL\_AS



MATIL\_AS



MATİL A.Ş.