



Engineering, Architecture, Rail Systems, Consulting Cons. Co. Ltd.

ATARAY Engineering, Architecture, Rail Systems ,Consulting Construction
&Industrial Ltd.

"European mentality and service with respected territorial values"

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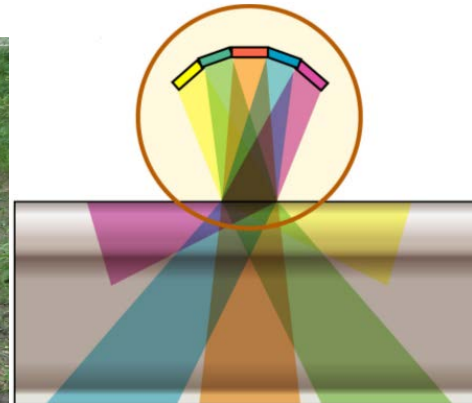
assistant@ataray.com

ATARAY Engineering ,Rail Systems ,Consulting Limited

Special services		Field of activities
21	TRACK MAINTENANCE PLANNING and IMPLEMENTATION (TMPI)	<ul style="list-style-type: none"> • RAIL DIAGNOSTIC & TRACK INSPECTION • TRACK GEOMETRY CAR SUPPLY AND SERVICE <ul style="list-style-type: none"> • Ultrasonic Test Car Supply and service • Track and Switch Testing Equipment
211	TMPI - signal module	
212	TMPI - track module	
22	EFFECTIVE GRINDING CONSULTANCY (EGC)	<ul style="list-style-type: none"> • RAIL & SWITCH GRINDING SERVICE • Rail Grinding Machine (large-plant) design and manufacturing <ul style="list-style-type: none"> • Rail profile measuring with EN and UIC standards • Rail measuring Device and equipment supply and service <ul style="list-style-type: none"> • Cost Effective Grinding Consulting (CEGCO)
23	Basic TRACK MAINTENANCE TRAINING for Patrolman (TMT1)	
24	Advanced TRACK MAINTENANCE TRAINING for Patrolman (TMT2)	<ul style="list-style-type: none"> • RAIL TAMPING MACHINE SUPPLY AND SERVICE • TURNOUT-CROSSING – RAIL END REPAIRING (TURERS)
25	Basic TRACK MAINTENANCE TRAINING for Engineers (TMT3)	
261	RAIL WELDER TRAINING 1 (RWT-AT)	<ul style="list-style-type: none"> • SELLING FULL TRACK WORKS EQUIPMENT & DEVICES
262	RAIL WELDER TRAINING 2 (RWT-RE)	
27	TURNOUT-RAIL END REPAIRING SERVICE (TRERS)	<ul style="list-style-type: none"> • ALUMINOTHERMIC (AT) WELDING MATERIAL SUPPLY & SERVICE
28	RAIL MONITORING SYSTEM (RMS) POINT MACHINE MONTAGE (PMM)	<ul style="list-style-type: none"> • RAIL SEMINARS,CONFERENCE or ACADEMIC ORGANIZATIONS <ul style="list-style-type: none"> • CITY MASTER PLANS PREPARING • ROUTE CAPACITY CALCULATIONS AND ANALYSIS
29	ROLLING STOCK SPARE PARTS	<ul style="list-style-type: none"> • TRAM/LRT TRACK CONSTRUCTION -CONSULTING • RAIL PADS,UNDER SLEEPER PADS,BALLAST MATS SUPPLY EMBEDDED TRACK SYSTEM TENDER PREPARING CONSULTING
30	DEPOT EQUIPMENTS,TEST UNITS	
32	NOISE WALLS for Urban Rail	
311	ISOLATED FISHPLATE MONTAGE	<ul style="list-style-type: none"> • VIBRATION ISOLATION AND FLOATING SLAB TRACK PROJECTS
312	FASTENING SUPPLY	
		<ul style="list-style-type: none"> • SWITCH –CROSSING MANUFACTURING AND MONTAGE

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Özel Hizmetler		Aktivitelerimiz ve servisler	
21	HAT BAKIM PLANLAMA VE UYGULAMA (TMPI)	<ul style="list-style-type: none">• RAY MUAYENE & HAT TAKİP VE RAPORLAMA• Üstyapı geometri ölçüm araç –trolleyi-ekipmanlarının servisi<ul style="list-style-type: none">• Ultrasonik Test Aracı-trolleyi temin ve servisi• Kaynak ve Hat ölçüm makinelerinin satışı veya servisi	
211	TMPI – sinyal bakım		
212	TMPI – hat bakım		
22	RAY TAŞLAMA –BAKIM MÜHENDİSLİĞİ MÜŞAVİRLİĞİ (CEGCO)	<ul style="list-style-type: none">• DÜZ HAT-MAKAS RAY TAŞLAMA HİZMETLERİ<ul style="list-style-type: none">• Ray taşlama makinesi tasarım ve imalatı• EN ve UIC standartlarında profil ölçüm hizmetleri• Ondülasyon ve diğer ray hatalarının ölçüm ve saptanması-raporlama	
23	HAT BAKIM İŞÇİLERİ İÇİN ORYANTASYON EĞİTİMİ (TMT1)	<ul style="list-style-type: none">• BURAJ MAKİNESİ TEMİNİ VE HİZMETİ	
24	HAT BAKIM İŞÇİLERİ İÇİN İLERİ SEVİYE EĞİTİM(TMT2)	• MAKAS VE KRUVAZMAN ve RAY İYİLEŞTİRME-Kaynak dolgu hizmetleri	
		• GEORADAR SERVİSİ –Altyapısı bozuk hatların tespiti ve raporlanması	
25	MÜHENDİSLER İÇİN HAT BAKIM EĞİTİMİ (TMT3)	<ul style="list-style-type: none">• Hat yapım ve bakım aletleri satışı	
26	RAY KAYNAK EĞİTİMİ -3 GÜN (RWT-AT)	(AT) KAYNAK MALZEME –EKİPMAN VE UYGULAMA HİZMETLERİ	
27	MAKAS KAYNAK TAMİRİ (RWT-RE) <ul style="list-style-type: none">• Hat –güzergah proje-istasyon proje hizmetleri ve Hat kapasite hesaplama-tasarım hizmetleri	<ul style="list-style-type: none">• RAYLI SİSTEM EĞİTİMLERİ VE ORGANİZASYONLARI<ul style="list-style-type: none">• Master plan çalışmaları	
28	MAKAS-RAY TAMİRİ –UYGULAMA SERVİS (TURERS)	<ul style="list-style-type: none">• TRAMVAY –HAFİF RAYLI SİSTEM MÜŞAVİRLİĞİ• Ray pedi-travers altı ped- Balast mat temini ve döşenmesi<ul style="list-style-type: none">• Gömülü raylı sistem projelendirme ve müşavirlik	
32	Gürültü Bariyeri İmalatı		
29	RAY İzleme- görüntüleme Servisi (RMS)	<ul style="list-style-type: none">• Vibrasyon izolasyonu ve özel hat çözümleri	
31	Makas motoru montajı (PMM)	<ul style="list-style-type: none">• MAKAS-KRUVAZMAN-İMALATI VE MONTAJI	
32	Bağlantı malzemesi ve İzole Cebire tedarik-montaj		



- 0 degree probe
- 37 Frw degree probe
- 37 Rev degree probe
- 70 Rev G, C & F degree probes
- 70 Frw G, C & F degree probes

SOME

REFERENCES:

DB Netz

Paris Metro
Bangkok Airport
Cologne KVB
Rome Metro
Berlin BVG
Italien HSR

Taiwan

Hong Kong MRTC

İstanbul Ulasim

Üstra Hannover

Incheon

Johannesburg

Jena

Manheim

HELSINKI

Heilderberg

GVB Amsterdam

Ausburg

Krefeld

Kassel

Ulm

Rotterdam

Bonn

Den Haag

Zillertalbahn

Dresden

Mettman

LAUSANNE

Leipzig

Siemens

Bombardier

Leonard Weiss

Sersa

Spitzke

Rail Grinding Service

(High Speed –Commuter -Metro-Light Rail- Tram- Crane- Port)

Ray Taşlama Hizmeti

(Yüksek Hızlı-Banliyö-Metro-Hafif Raylı-Tramvay-Kreyn-Liman)

Machinery park:

1* 20 stone grinder

1* 16 stone grinder

2* 6 stone grinder

1* 4 stone grinder

1* 3 stone grinder

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Rail Systems , Consulting
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Industry Trade Co. Ltd.

27.06.2006 21:2

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AND WIN WITH OUR TAILOR MADE SOLUTIONS

Rail Grinding Service & Ray Taşlama Hizmeti

NEW RAIL GRINDING 6-12 STONE CAPACITY FOR TRAM-METROS
&
YENİ RAY TAŞLAMA 6-12 TAŞ KAPASİTELİ TRAMVAY METROLAR
İÇİN



HIZLI TREN & KONVANSİYONEL HATLAR İÇİN GEORADAR TRACK BED INSPECTION BY HIGH SPEED RADAR

- Continuous Mapping of Ballast Thickness/balast tabakasının kalınlığının haritalanması
- Differentiation Between Clean and Fouled Ballast/temiz-kirli balast saptanması
- Detection of Sections with Drainage Problems/hattaki drenaj-su problemlerinin bulunması
- Locating Areas with Insufficient Bearing Capacity (e.g. Ballast Pockets)/yetersiz taşıma kapasitesinin saptanması
- Mapping Thickness and Quality of Sub ballast Layers/sub balast tabakasının kalınlığı-kalitesi ve haritalanması
- Locating Irregularities Along the Track (e.g. Peat, Bedrock etc.)/hat altındaki özür sıkıntı-yapıların ortaya çıkarılması



Large Plant Service (tamping , infrastructure monitoring vehicles, road /rail plants ...etc.)
Demiryolu yapım ve bakım araçlarının temini(buraj , ölçüm-gözlem araçları,ekskavatörler..vs.)



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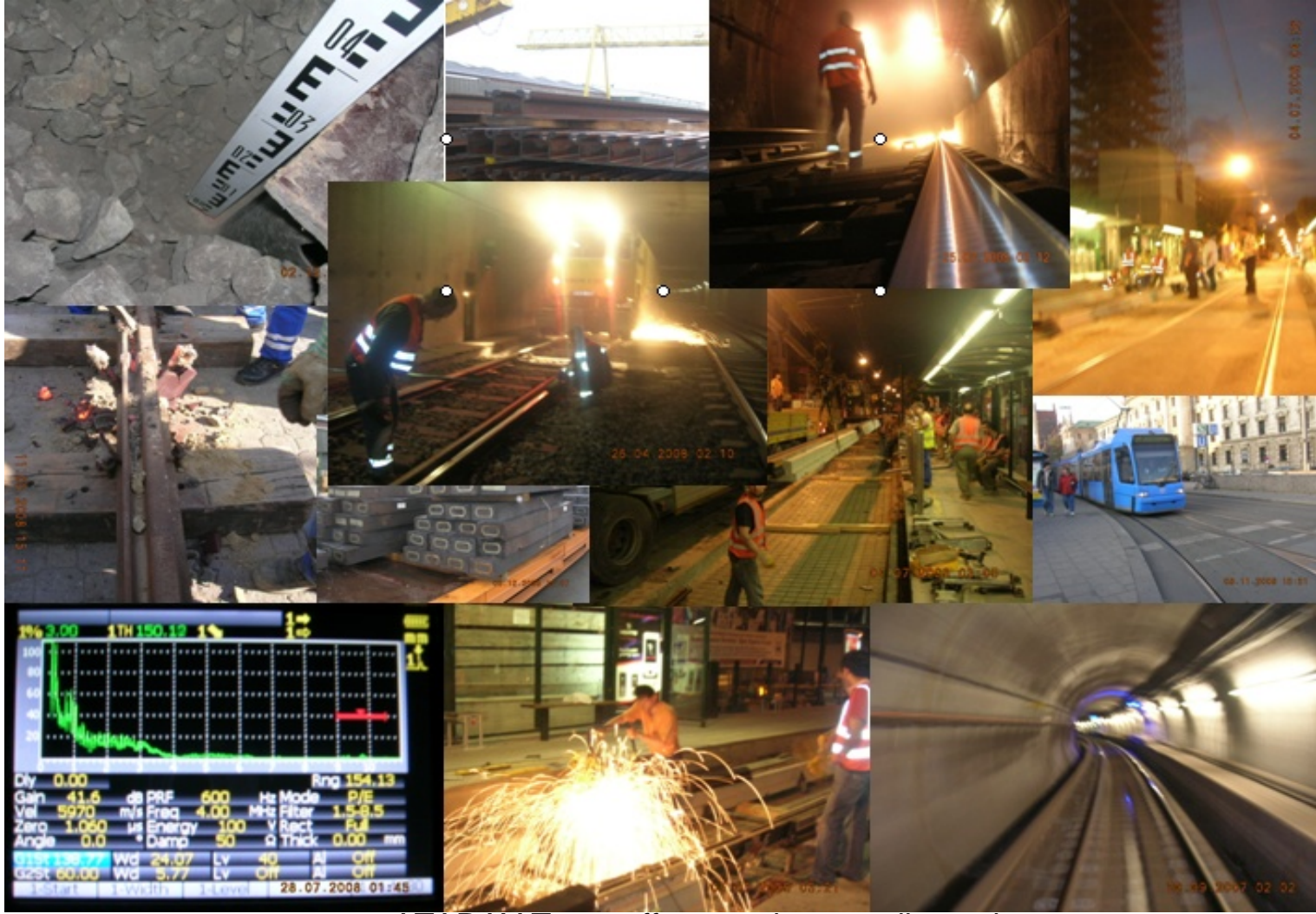
ATARAY 2012

“whenever you need Design&Build or Rail ”

Mühendislik , Mimarlık,
Raylı Sistemler Müşavirlik ,
Bilişim Teknolojileri , İnşaat
Sanayi Ticaret Ltd.Şti.

ATARAY

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ATARAY Team offers you best quality project management ,service and cost efficiency for all your projects.

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