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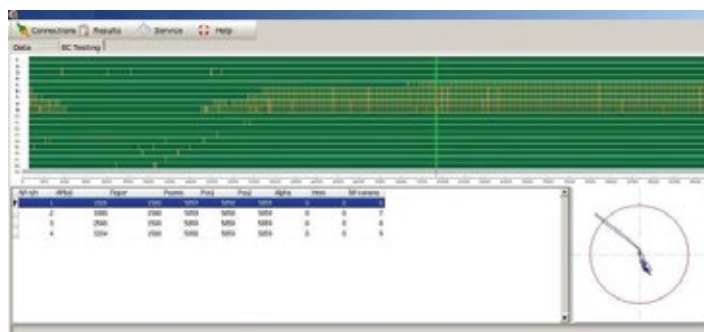
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about us

The motto of our company is **"Create Benefit First, Profit Second"**.



The company aims to provide these services with its experienced domestic technical staff and its international specialist corporate connections. Our company foresees the necessity of Public - Private sector cooperation in old-new conventional and High-Speed Train lines and in all rail systems required by the relevant companies and institutions. Our company engineers developed and implemented the technology by establishing their own R&D and creating technical staff-equipment to meet this need and also by establishing solution partnerships with native-foreign academia and academies. Currently, staff and equipment are being utilised in all rail systems.



SOLUTION
PARTNER



ISARail

isarail.com

areas of activity

. PROCUREMENT ENGINEERING

. PROJECT MANAGEMENT

. CONSULTING

. TRACK MAINTENANCE (IN COMPLIANCE WITH EN STANDARDS)

- . PREPARATION OF MAINTENANCE MANUALS
- . SWITCH MAINTENANCE
- . BALLASTED AND NON-BALLASTED TRACK MAINTENANCE
- . RAIL GRINDING
- . SWITCH GRINDING
- . CONDUCTING FILLET WELDING

. CERTIFICATION - SOLUTION PARTNER [isarail.com](https://www.isarail.com)

- . Designated Body (VIS)
- . Notified Body #2424
- . ECM Certification Body
- . Inspection Body Type "A" | ISO/IEC 17020:2012
- . Product Certification Body | ISO/IEC 17065:2012

measurement, evaluation and reporting services

. RAIL PROFILE MEASUREMENTS

- . TRANSVERSAL PROFILE MEASUREMENTS
- . LONGITUDINAL PROFILE MEASUREMENTS
- . EQUIVALENT TAPER MEASUREMENT
- . SWITCH CROSSING PROFILE MEASUREMENTS

. TRACK GEOMETRY MEASUREMENTS

. SWITCH GEOMETRY MEASUREMENTS

. NON-DESTRUCTIVE INSPECTION MEASUREMENTS

- . ULTRASONIC RAIL INSPECTION
- . EDDY CURRENT INSPECTION
- . DESTRESSING
- . VISUAL INSPECTION, MAGNETIC PARTICLE,
and LIQUID PENETRANT TEST

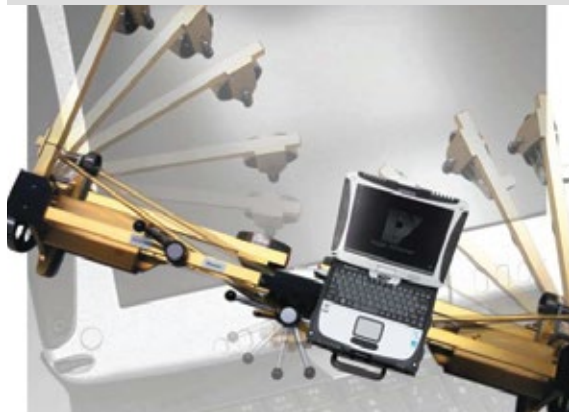
VI-RMF1100

Continuous rail corrugation measuring device. Measurement and comparison of the level of corrugation of the rail before and after grinding.



MessReg CDM

Continuous switch and track geometry measuring device.



HMG

Switch crossing measuring device.



UltraRS

Rail thermal stress measuring device.



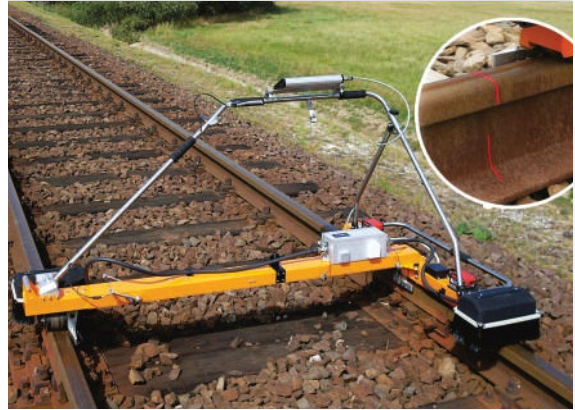
ETS2-77

Measuring the hairline cracks on the surface of the rail and measuring device



TEP2

Continuous rail profile and equivalent taper measurement in railway line.



KRAB 84.09

Railway track and switch geometry measuring device.



UDS 2-77

Single rail ultrasonic inspection device.



UDS 2-73

Dual rail ultrasonic inspection.



SONOCON B

Manual ultrasonic inspection.



completed projects

IZMIR METRO

Fahrettin Altay - Üçkuyular Line
Superstructure Construction



Izmir Metropolitan Municipality

Öztaş Construction

Panoray Railway

Construction Contracting Industry Trade Ltd. Co.

2010 - 2014

Izmir Light Rail Systems

2nd Phase Metro Works

Superstructure Construction



completed projects

SOMA SAVAŞTEPE MACHINE REPAIR

Ballast Tamper, Tamping, Butt Welding,
Alumina Thermite Welding



TCDD 3rd REGIONAL DIRECTORATE

28.5 KM machine Ballast Screening

Ballast Supply

Machine tool repair

Machine welding

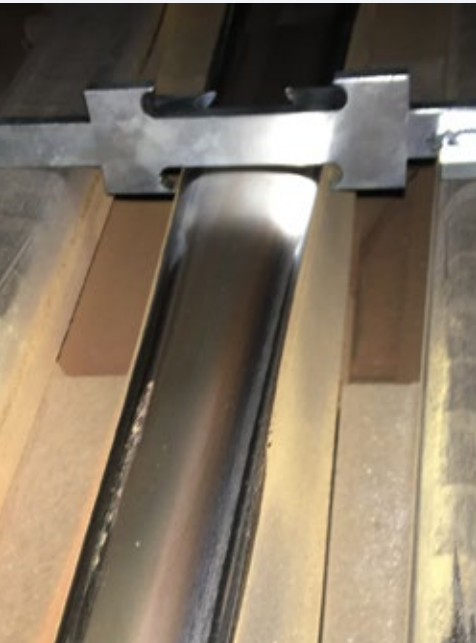
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completed projects

100 PCS SWITCH MAINTENANCE WORK

TCDD 3rd REGIONAL DIRECTORATE



Geometric measurements of switches

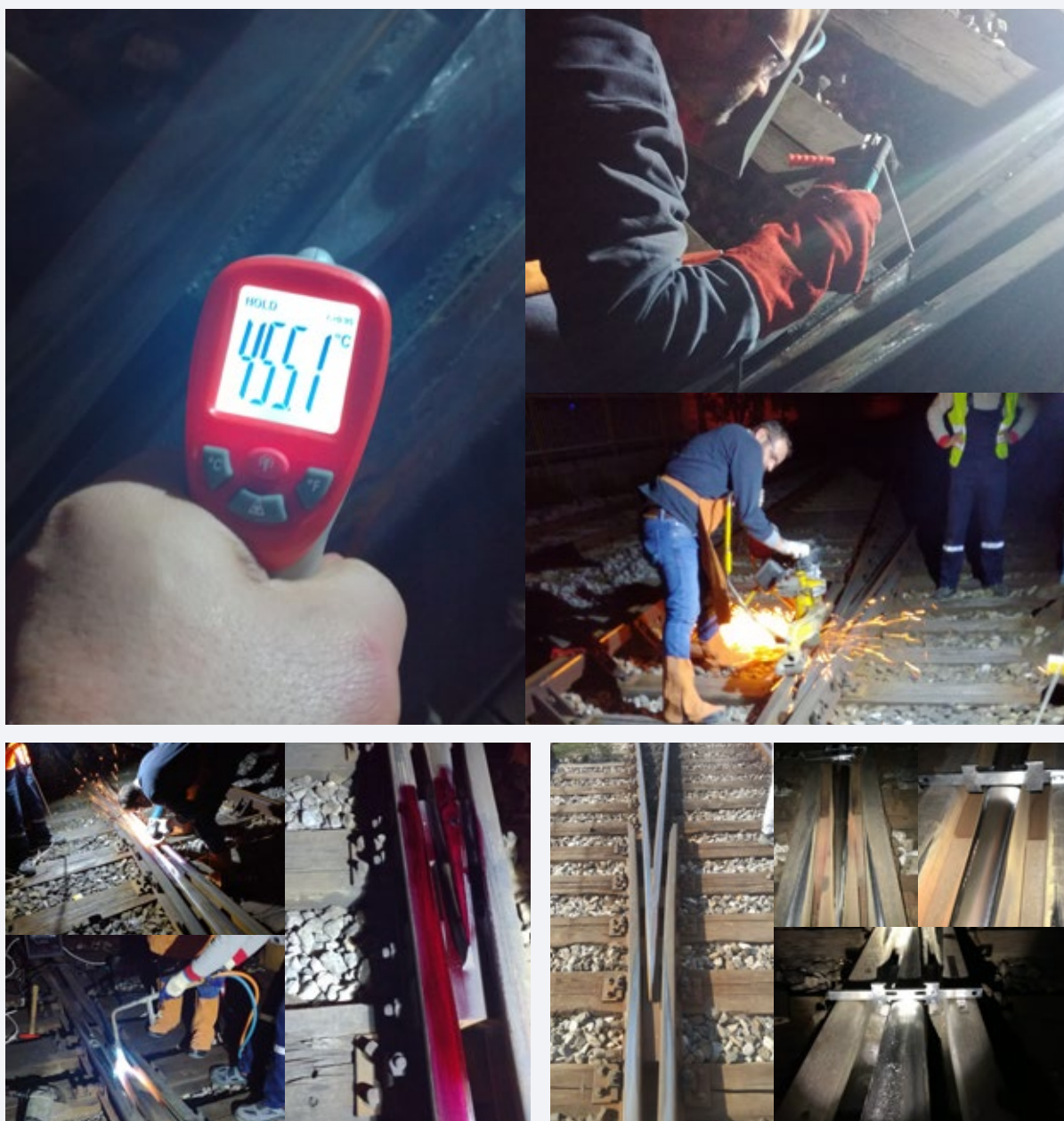
Performing non-destructive inspection
(Ultrasound and Eddy Current)

Correction of geometries

Grinding Operations in Rails and Crossings

Fillet welding (in compliance with WPS)

Construction of isolated rails



completed projects

1,100 KM RAILWAY LINE ULTRASONIC INSPECTION WORK

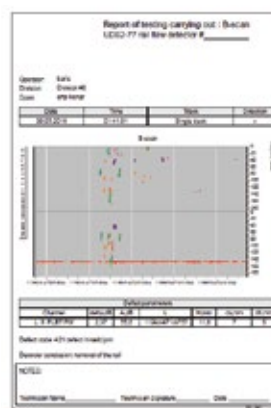
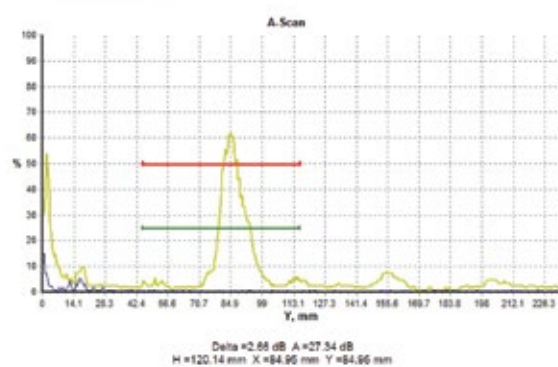
TCDD 3rd REGIONAL DIRECTORATE



Ultrasonic inspections of the 1,100 km line according to EN 16729 standard with the railway vehicle which can be measured with 10 km/h measurement speed and their manual verification



This report was generated with the program Sonoscan-8
The report was built on the data from A-scan



certificates



work experience documents

WORK COMPLETION CERTIFICATE (CERTIFICATE)	
No: 2008-037-08-1	Date: 20.10.2017
1. Name of the contracting authority	General Directorate of Turkish State Railways (TCDD), Supply Directorate of 2 nd Region
2. Name of the work and tender registration number, if any	Service Procurement Work for the Maintenance of Axleless Railway Switches in 2 nd Region (2008-037-08-1)
3. Description of the work	Construction of Switches
4. Contractor's full name or trade name	Panoray Railway Construction Contracting Industry Trade Limited Company (Panoray Demiryolu Yapı İnşaat Sanayi Ticaret Limited Şirketi)
5. Turkish Republic ID number	1310079064
6. Tax identification number	1310079064
7. Names and shares of the members if a joint venture/Names of the partners, work parts and amounts of completed works if a consortium	
8. Contract date and tender date, if any	Contract date: 26.07.2017 Tender date: 07.09.2017
9. Amount of the initial contract	TRY 1,140,000.00
10. Amount of completed works	TRY 1,210,488.00
11. Total amount of the contract	TRY 2,350,488.00
12. Acceptance date	11.08.2018
13. If the contract has been assigned to a third party	
14. Amount of works on the assignment date	
15. Amount and share of works completed by the authorized contractor	
16. Amount of this certificate	TRY 1,210,488.00

NOTES: The following works were completed within the scope of the aforementioned work.

- * Dimensional measurements and non-destructive tests of 120 switches were performed.
- * Dimensional of 120 switches were corrected. (As per Article 5.2 of the Special Technical Specification)
- * Drawing operations of 120 switches were performed. (As per Article 5.3 of the Special Technical Specification)
- * Heat setting of 10 hogs were done.
- * Loading of 180 switches, which were manufactured of 40 E1 & 200 quality rails, were made by the contracting with the contractor's own technique.
- * All switches, which were manufactured of 40 E1 & 200 quality rails, were installed.
- * Broken and damaged axles were replaced on a total of 1,077.80 meter long switch were replaced.

(Chief and Signature)
General Directorate of Turkish State Railways
Directorate of 2nd Region
Mr. Sener SAG
Deputy Manager of 2nd Region

WORK COMPLETION CERTIFICATE (CERTIFICATE)	
No: 2008-037-08-1	Date: 20.10.2017
1. Name of the contracting authority	General Directorate of Turkish State Railways (TCDD), Supply Directorate of 2 nd Region
2. Name of the work and tender registration number, if any	Service Procurement Work for the Maintenance of Axleless Railway Switches in 2 nd Region (2008-037-08-1)
3. Description of the work	Construction of Switches
4. Contractor's full name or trade name	Panoray Railway Construction Contracting Industry Trade Limited Company (Panoray Demiryolu Yapı İnşaat Sanayi Ticaret Limited Şirketi)
5. Turkish Republic ID number	1310079064
6. Tax identification number	1310079064
7. Names and shares of the members if a joint venture/Names of the partners, work parts and amounts of completed works if a consortium	
8. Contract date and tender date, if any	Contract date: 26.07.2017 Tender date: 07.09.2017
9. Amount of the initial contract	TRY 1,140,000.00
10. Amount of completed works	TRY 1,210,488.00
11. Total amount of the contract	TRY 2,350,488.00
12. Acceptance date	03.08.2018
13. If the contract has been assigned to a third party	
14. Amount of works on the assignment date	
15. Amount and share of works completed by the authorized contractor	
16. Amount of this certificate	TRY 1,210,488.00

NOTES: Offshore inspection of a total of 1,077.80 meter long track was performed within the scope of the aforementioned work.

(Chief and Signature)
General Directorate of Turkish State Railways
Directorate of 2nd Region
Mr. Sener SAG
Deputy Manager of 2nd Region

WORK EXPERIENCE CERTIFICATE (Subcontractor - Work Completion)	
No: 2008-037-08-1	Date: 20.10.2017
1. Name of the contracting authority	İzmir Metropolitan Municipality, Department of Construction and Real Estate Investments, Division of Real Estate Investments
2. Contractor	İzmir Construction Construction Materials Trade Ltd. (İzmir İnşaat Yapı Malzemeleri Ticaret A.Ş.)
3. Name of the main work and tender registration number, if any	2 nd Stage Tunnel Works for İzmir Light Rail System and Tunneling Construction Work for İzmir Light Rail System and Tunneling Construction Work for İzmir Light Rail System (2008-037-08-1)
4. Name of the work	2 nd Stage Tunnel Works for İzmir Light Rail System and Tunneling Construction Work for İzmir Light Rail System (2008-037-08-1)
5. Subcontractor's full name or trade name	Panoray Railway Construction Contracting Industry Trade Limited Company (Panoray Demiryolu Yapı İnşaat Sanayi Ticaret Limited Şirketi)
6. Turkish Republic ID number/ Tax identification number	1310079064
7. Part of the work implemented by the subcontractor	Manufacturing, assembly, workmanship and tests of the following items of the 2 nd Stage Tunnel Works for İzmir Light Rail System and Tunneling Construction Work for İzmir Light Rail System and Tunneling Construction Work for İzmir Light Rail System: rails, sleepers, railfastening components, switches, railfast, railfast nuts, "Track works" of only the 2 nd track including the material.
8. Implemented construction technique	- Laying of double track and switches on a total of "1,117.30 meter between 2+440 and 2+557.30 in "Concrete Sleepers over Ballast" and tampering of the track. - Paving of double track and 6 switches of the remaining route of "1,080.30 meter between 2+440 and 2+557.30 without using any ballast and sleepers as per the final project geometry. - Laying of the track in the region as "Steel Profile" by pouring concrete.
9. Contract date of the main work	01.11.2016
10. Initial contract amount of the main work	TRY 60,862,884.70
11. Total contract amount of the main work	TRY 61,248,888.00
12. Date of the subcontracting agreement	10.11.2016
13. Amount of contract between contractor and subcontractor	TRY 11,386,200.00
14. Partial acceptance/acceptance date of the works completed by subcontractor	13.06.2018
15. Provisional acceptance/acceptance date of the main work	13.06.2018
16. Amount of this certificate	TRY 11,386,200.00

(Chief and Signature)
Head of Department of Construction and Real Estate Investments
Gül DAĞ

WORK COMPLETION CERTIFICATE (CERTIFICATE)	
No: 2014/18700-1/201400-1-2	Date: 25.09.2017
1. Name of the contracting authority	General Directorate of Turkish State Railways (TCDD), Supply Directorate of 2 nd Region
2. Name of the work and tender registration number, if any	Maintenance and Rehabilitation of Railway Superstructure: Railway Station and Station Platform of 2 nd Region of Turkish State Railways (2014/18700-1/201400-1-2)
3. Description of the work	Maintenance and Rehabilitation of Railway Superstructure
4. Contractor's full name or trade name	Panoray Railway Construction Contracting Industry Trade Limited Company (Panoray Demiryolu Yapı İnşaat Sanayi Ticaret Limited Şirketi)
5. Turkish Republic ID number	1310079064
6. Tax identification number	1310079064
7. Names and shares of the members if a joint venture/Names of the partners, work parts and amounts of completed works if a consortium	
8. Contract date	04.07.2015
9. Amount of the initial contract	TRY 6,400,760.00
10. Amount of completed works	TRY 1,883,670.10
11. Total amount of the contract	TRY 8,284,430.10
12. Acceptance date	11.08.2016
13. If the contract has been assigned to a third party	
14. Amount of works on the assignment date	
15. Amount and share of works completed by the authorized contractor	
16. Amount of this certificate	TRY 1,883,670.10

NOTES: The following works were completed within the scope of the aforementioned work.

- * Removal of 21,000.00 meter long track, and tampering, raking and ballasting after screening.
- * Supply, transportation and installation of 10,000.00 m³ ballast.
- * Supply and laying of 20,000.00 meter long track.
- * Removal of 12,000.00 m³ ballast.
- * Removal of 12,000.00 m³ ballast.
- * Laying of 12,000.00 meter long track by ballast screening machine after raking, and tampering, raking and ballasting after screening.

(Chief and Signature)
General Directorate of Turkish State Railways
Directorate of 2nd Region
Mr. Sener SAG
Deputy Manager of 2nd Region

technical staff





panoray

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