



INTRODUCTION

EMIRAIL is an Emirati Company (UAE) dedicated to supply products and to provide services related to trains & railways construction, welding and fabrication equipment, perform welding contracts as well as maintenance. EMIRAIL is a member of: H.H Sheikh Khalifa Bin Zayed Fund for Enterprise Development, and also H.H Sheikh Mohammed Bin Rashid Est. (DUBAI SME), specialized in supplying high technology products related to commercial and urban railway industries and construction materials. EMIRAIL is one of the main supplier in the railway industry in the UAE and the GCC countries (KSA, Bahrain, Oman, Qatar , Kuwait). The Railway Product line offering currently includes:

- Rolling Stock
- Signaling & Telecom
- Plant Equipment & Machinery
- Coaches & Wagons
- Construction Services
- Tunneling
- Track Specialty Products
- Track Services
- Electrification
- Maintenance
- Overhaul Services
- Spare Parts

OUR PARTNERS :

EMIRAIL is the official & exclusive representative of many foreign companies in the GCC Countries, and has relationships with local companies and factories in the UAE and the GCC region.

EMIRAIL

P.O. Box: 3073, Office Number: 9-C5, I-Rise Tower, TECOM, Dubai, United Arab Emirates

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Website: www.emirail.ae



PRODUCTS TO BE SUPPLIED BY EMIRAIL

(1) RAILWAY & WELDING:

1. Railway clips & fasteners.
2. Signal & power bonds wires.
3. Signal & power welding supplies.
4. Aluminothermic welding kits & butt flash welding carts.
5. Rail tracks cutting & removal tools.
6. Grinders, fabricators, drills and railway construction tools.
7. Grounding graphite molds.
8. Weld metal for rail power/signal bonds.
9. Weld metal for rail tracks grounding.
10. Clamps, Ignition systems, flint guns and accessories.

(2) RAILWAY LIGHTING & ENERGY SAVING SENSORS:

1. LED Lights for railway crossing, rail signals and trains.
2. Electronic ballasts & lighting gear for various railway stations applications compatible with energy saving sensors.
3. Metal halide & high pressure sodium light bulbs from 100W to 1500W.
4. Lighting housings & fixtures.
5. Motion sensors to detect movement in railway stations or lines to instruct light to be turned on/off.
6. Light Sensors to adjust/dim light electronically based on sun light conditions inside rail stations.
7. Timers to turn lights ON/OFF to save energy.
8. Railway roads and rail stations lighting solutions that resist vibration from trains' movements. LED lighting for signals.

For full products, please visit www.EMIRAIL.com

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SERVICES

(1) ANNUAL CERTIFICATION & ACCREDITATION

Unique and exclusive program to certify your engineers and welders as “Certified Rail Tracks Professionals”

(2) RAILWAY MAINTENANCE

1. Manage and maintain rail tracks operations, 24 hours per day, 365 days per year.
2. Assessing defects in railway tracks and fix/replace them.
3. Manage multiple crossing for rail lines.
4. Manage power distribution and signals reliability in railway systems.
5. Update & upgrade railway lines.
6. 25 years & 50 years maintenance contracts.

(3) RAILWAY & WELDING SERVICES

1. Installing and placing the rail tracks on the ground,
2. Perform the measurement and pre-welding engineering.
3. Weld and bond rail tracks together.
4. Fabricate the welded tracks into smooth surfaces.
5. Testing and verifying the quality.
6. Weld the signal & power bonding wires into the rail track.
7. Activate communications between the trains and the controlling station.
8. Exothermically weld the grounding wires from the rail tracks to the appropriate grounding points.
9. Certify the project and provide a certificate of compliance.

(4) GROUNDING SERVICES

1. Assessment of power substations for power and railway supplies.
2. Perform exothermic grounding/earthing welding for substations and railway lines.
3. Perform all grounding welding for rail structures.
4. Secure power substations from any power failures.
5. Protect railway power from any failures.

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(5) EFFICIENT LIGHTING & ENERGY SAVING SERVICES

1. Save up to **35%** of current electricity/energy usage by upgrading into new lighting systems.
2. Assessment and analysis of current lighting system and
3. Propose custom plans to upgrade lighting systems.
4. Designing and installing efficient lighting systems/energy saving sensors for railway stations
5. Maintenance of efficient lighting systems and energy saving sensors for railway stations.
6. Replacing and upgrading old lighting systems into modern and efficient lighting systems.
7. Install and test LED signal lights for railway crossing and rail stations.

We represents following Companies with world class product offering,

1. Holland
2. GE (General Electric)
3. Lloyd Rail Ltd
4. Jiangsu Railteco Industrial Co.,Ltd
5. Al Nakhi Company
6. HBL Power Systems Ltd, India
7. Korea Power Tech, Korea
8. WT International Inc., Taiwan
9. EPE Switchgear, Malaysia
10. Fuji Electric, Japan
11. Brugg Cable, Switzerland

The Products offered are as under,

1. Thermal Welding For Rail Tracks
2. GE Rail Lighting system
3. On track maintenance solutions, tamping, ballast cleaning, ballast regulating, sandite & water jetting, and rail welding

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4. Specialized Batteries - Ni-Cd / Nickel Cadmium (Pocket Plate, Fiber Plate & Sintered Plate Batteries), Lead Acid Batteries, OPzS Batteries, Air Craft Batteries, etc.
5. Battery Charger, DC DBs, DC UPS Systems, DC – DC Converter, Inverters
6. AC UPS, Auto Voltage Regulator, Stabilizer, AC DB, Static Switch
7. Web based remote battery monitoring system specially for Telecom & Utilities
8. Solar Panels and charge controllers
9. Power & Distribution Transformers
10. Dry Type Transformers
11. Power & Distribution transformers accessories
12. LV & MV Cast Resin Bus duct System
13. MV Voltage Switchgear
14. Various Railway signaling and interlocking products
15. Spun Concrete product for Power Transmission Lines, Street Lighting & Telecom Poles
16. High Voltage cables & accessories

For more details please review the attached files

MADE IN UAE PLANS



EMIRAIL is committed to start manufacturing railway products in UAE as of its 2015/2016 plans and with license and support from its foreign companies affiliations. Manufacturing in the UAE will bear the mark below on all products made and assembled in UAE.

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