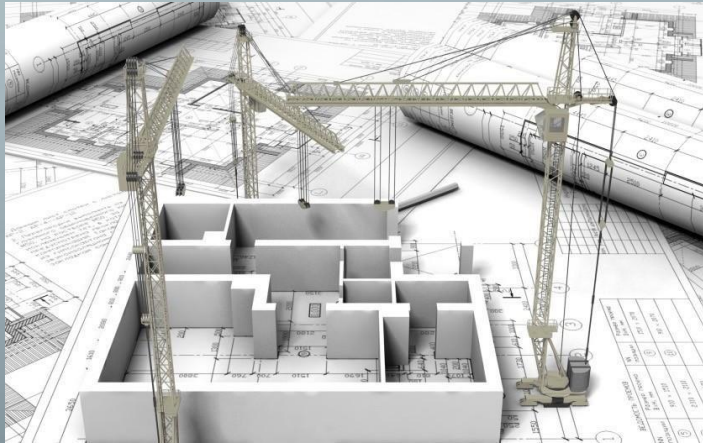


# ADY INDUSTRIAL SOLUTIONS

## COMPANY PROFILE



## **ADY INDUSTRIAL SOLUTION HAS 25 YEARS OF EXPERIENCE WITH ITS EMPLOYEES IN THE FOLLOWING SECTORS**

- ❖ **Construction**
- ❖ **IRON AND STEEL**
- ❖ **CEMENT**
- ❖ **ASU PLANT**
- ❖ **WATER PURIFICATION**
- ❖ **THE DUSTING SYSTEM**
- ❖ **Telecommunication**
- ❖ **ENERGY**

## AREAS OF EXPERTISE

- ❖ ELECTRICAL & AUTOMATION
- ❖ ENERGY SECTOR
- ❖ METALLURGICAL ENGINEERING
- ❖ MACHINERY AND EQUIPMENT
- ❖ HYDRAULIC & PNEUMATIC
- ❖ Data Transmission
- ❖ Telecommunication
- ❖ Engineering & Design
- ❖ SPARE PARTS

# ELECTRICAL & AUTOMATION

- AC-DC Power Supply and Battery Group
- Low Voltage Cells
- generator
- SCADA Systems
- Compensation Systems
- UPS Systems
- Drivers of different brands
- PLC software, communication
- Industrial camera solutions
- Panel manufacturing, on-site service and commissioning
- Transformer maintenance with expert companies we work with
- Supply of materials through agreements we have made with international companies
- Supervisor and technical support
- It is to purchase, import, outsource, sell, import and export all kinds of materials, machines, devices, auxiliary systems and equipment that are included in electrical and electronic systems and related systems.

# MEDIUM VOLTAGE AND LOW VOLTAGE DISTRIBUTION



- MV CELLS
- MV/LV transformers
  - Low Voltage Distribution Panels
  - Measurement Systems

- Engineering
- Dismounting
- Mounting
- Cabling
- Supervising

# MOTOR CONTROL CABINETS



- Motor Control Cabinets
- Renewing of MCCs

- Engineering
- Dismounting
- Mounting
- Cabling
- Supervising

# Electrification



- Cables
- Cable trays

- Engineering
- Dismounting
- Mounting
- Cabling
- Supervising

# AC & DC ELECTRIC MOTORS

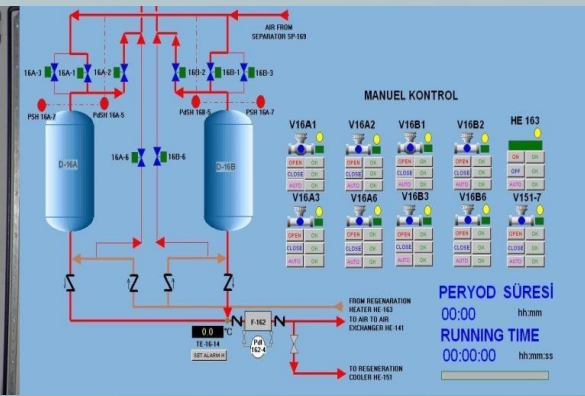
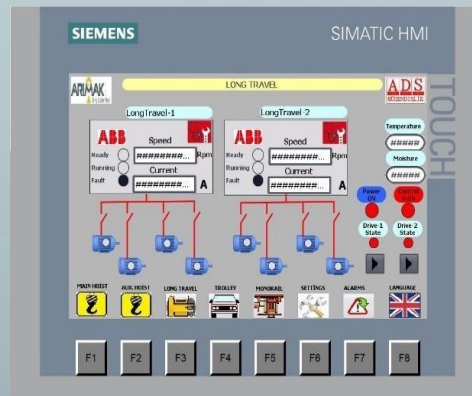


## Electric Motors

- ❑ ABB Medium Voltage Electric Motors
- ❑ ABB Low Voltage Electric Motors
  - ❑ ABB General Performance IE2 Casting Motors
  - ❑ ABB General Performance IE2 Aluminium Motors
  - ❑ ABB General Performance IE3 Casting Motors
  - ❑ ABB Ex-Proof AC Casting Motors
  - ❑ High Dynamics Efficiency Square Body Motors
  - ❑ Process Aluminium ve SquareCasting Motors
- ❑ ABB Mechanical Power Products
  - ❑ Dodge Mechanical Power Products
  - ❑ Couplings
  - ❑ RAPTOR Elastomeric Couplings
  - ❑ PARA-FLEX Elastomeric Couplings
  - ❑ ABB Reductors
  - ❑ Motorized Torque Arm-Torque Arm II

- Engineering
- Dismounting
- Mounting
- Cabling
- Supervising

# Automation & Control Systems



- PLC & DCS applications
- Scada Systems
- Control Panels
- Local Control Stations
- Instrumentations

- Engineering
- Dismounting
- Mounting
- Cabling
- Supervising

# Data Transmission



- FieldBus Applications
- Data Cabling
- RFID Systems
- GPRS Transmission

- Engineering
- Dismounting
- Mounting
- Cabling
- Supervising

# Telecommunication



- Data Centers
- Data Cabling
- Data Distribution
- GPRS Transmission

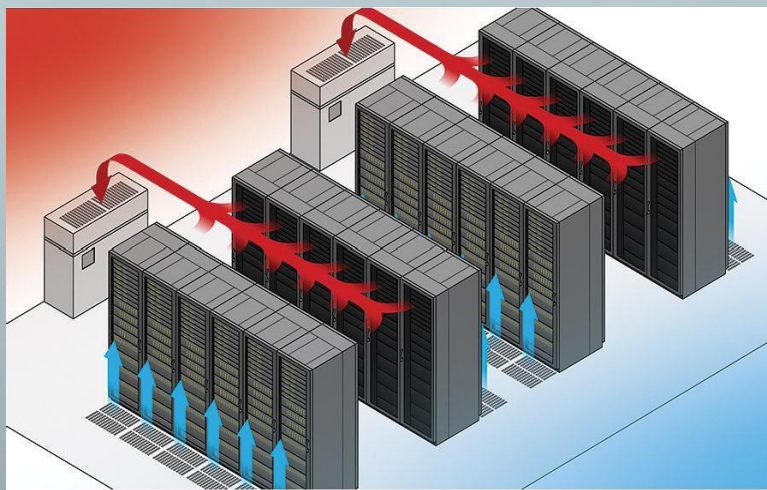
- Engineering
- Dismounting
- Mounting
- Cabling
- Supervising

# Telecommunication



- Fiber Optic Cables
- FO – Copper Cabling
- Cassette systems
- FO Technology Accessories
- Engineering
- Dismounting
- Mounting
- Cabling
- Supervising

# Telecommunication



- Data Center HVAC
- Data Center Electrification
- Data Center BMS

- Engineering
- Dismounting
- Mounting
- Cabling
- Supervising

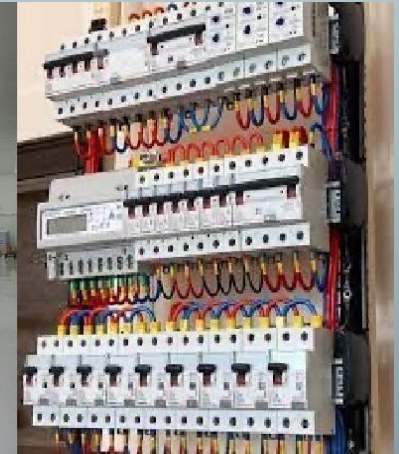
# Telecommunication



- Fiber Optic Outdoor Cabling
- Fiber Optic Indoor Cabling

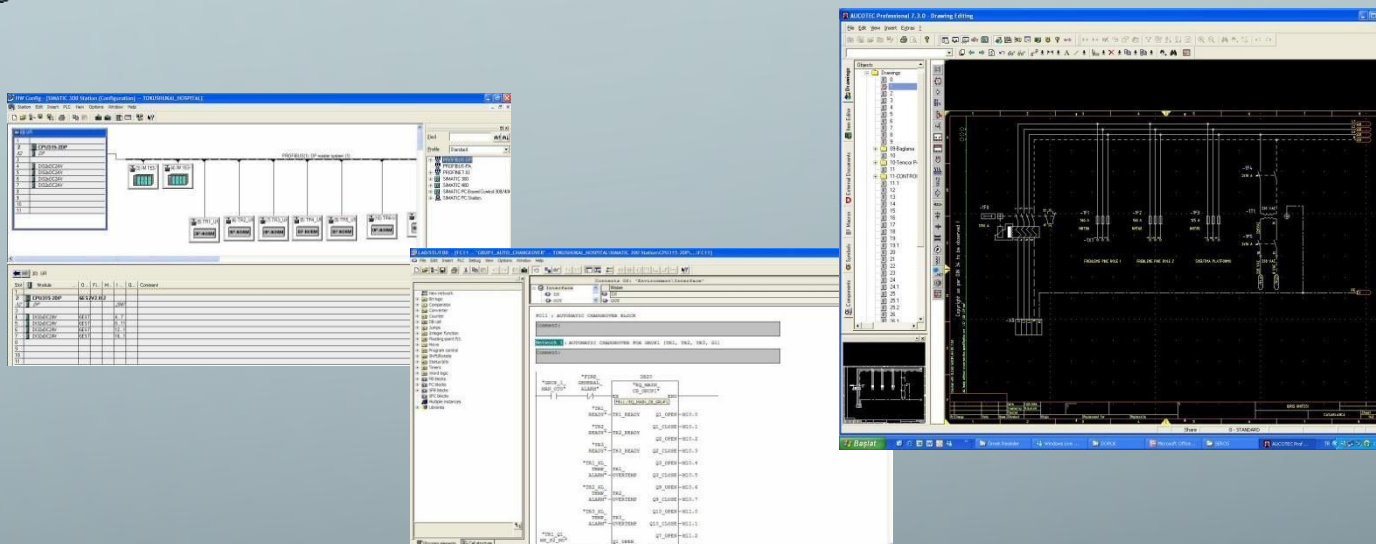
- Engineering
- Dismounting
- Mounting
- Cabling
- Supervising

# PANEL MANUFACTURING



- Electrical Distribution for Buildings
- Indoor Local Panels
- Outdoor ExProof - WaterProof panels
- Engineering
- Dismounting
- Mounting
- Cabling
- Supervising

# Engineering & Design



- Electrical Drawings
- PLC & DCS programming
- Cable Routing

- Engineering
- Redrawing of existing projects
- Supervising

# METALLURGICAL ENGINEERING



- Process
- Design
- Engineering experience and highly committed staff developed solutions for every segment of the sector.
- To supply, sell, manufacture, market, import and export metallurgical consumables.
- To install industrial machines and equipment for metallurgy; to import and export

# MACHINERY AND EQUIPMENT

## PUMPS

- Overhung
- Between Bearings
- Multi-Stage
- Twin screw
- Multiphase
- Offshore RO



- MACHINE TECHNOLOGICAL SPARE PARTS MANUFACTURING
- PROJECT ENGINEERING
- MACHINE MANUFACTURING

## DUST DEDUCTION

- Dust Collection Centers
- Filters
- Dust Removers
- Ventilation Fans

## HVAC

- Clima Centers
- Ventilation Fans
- Chillers
- Water Cooled Systems
- Gas Cooled Systems
- Temperature PID Control



# Iron Steel Industry



- Process
- Design
- Electrical Engineering



Iron and Steel Industry Electrical Engineering and its applications are one of our areas of work. ADY INDUSTRIAL SOLUTIONS has been working on Iron and Steel projects in different countries since 2006. Its engineering experience and determined staff have developed solutions for every segment of the industry.

# Iron & Steel Industry Electrical Apps.

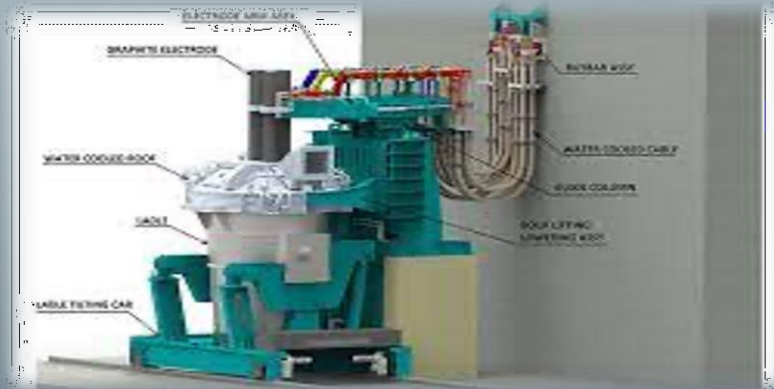
## MELTING

- EAF Electrical & Automation
- LF Electrical & Automation
- CCM Electrical & Automation
- CRANE Electrical & Automation
- THE DUSTING SYSTEM



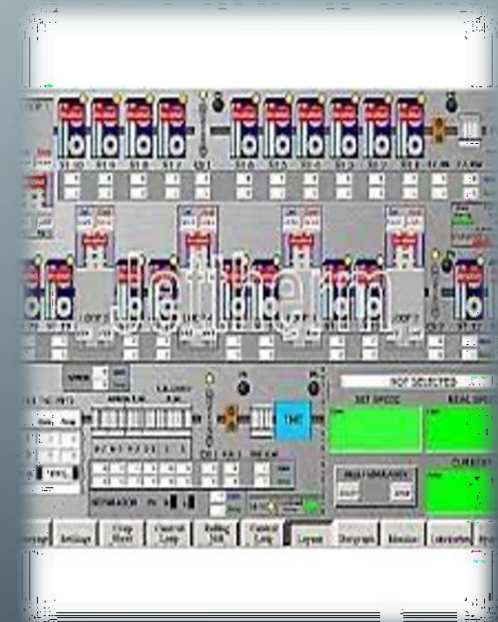
## INDUSTRIAL IT

- ERP data transmission
- Manufacturing Planning
- Product Recipe
- Troubleshooting



## ROLLING MILL

- Reheating Furnace Electrical & Automation
- Rolling Stands Electrical & Automation
- Cooling Bed Electrical & Automation
- Packaging Systems



# CRANE APPLICATIONS

## Crane Control & Safety Systems

- ❑ ABB ACS880 Crane Macro Applications
  - ❑ Sensorless anti-sway for indoor cranes
  - ❑ Mechanical Brake Control
  - ❑ Hoist speed optimization
  - ❑ **Master/follower Drive-to-drive link allows fast communication between drives in master/follower operation in speed-torque or speed-speed control modes**
  - ❑ **Synchro control Synchronizes position of multiple hooks while moving.**
- ❑ MCC Panels
- ❑ ABB ve OMEGA brand motors
- ❑ Electrification
- ❑ Instrumentation
- ❑ Engineering & Supervising



## ASU PLANT SOLUTION



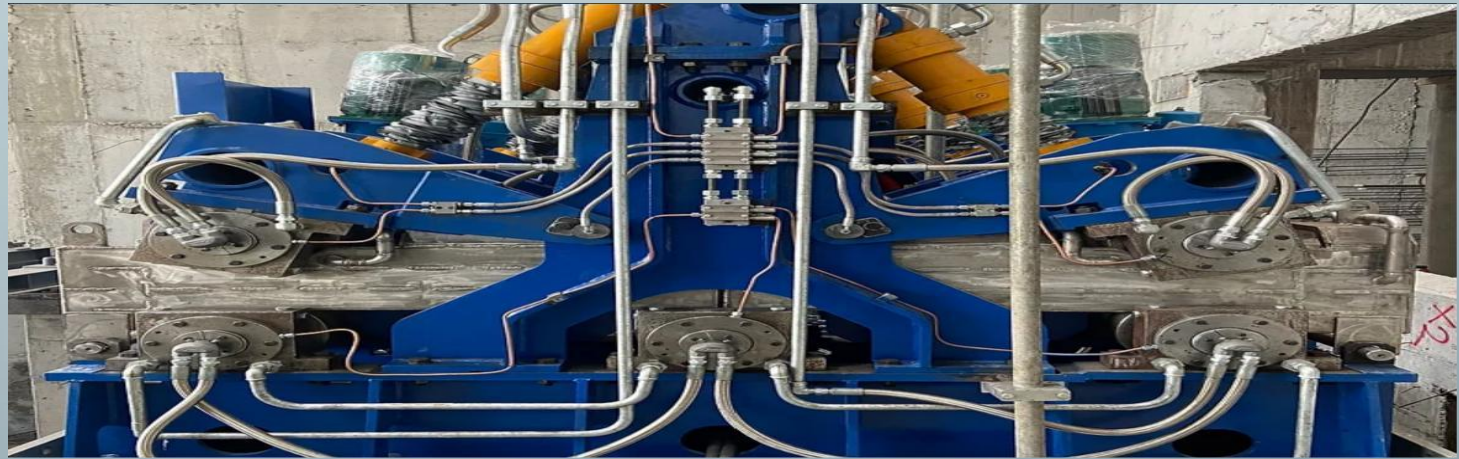
- Process
- Design
- Electrical Engineering
  - ❖ Asu Plant Industry Electrical Engineering and its applications are one of our areas of work. ADY INDUSTRIAL SOLUTIONS has been working on projects in Asu Plant factories in different countries since 2013. Its engineering experience and determined staff have developed solutions for every segment of the industry.

# CEMENT INDUSTRIAL SOLUTION



- Electrical Engineering
- Automation
- Drive Apps.
- Electrical Panels
- ❖ **Cement Industry Electrical Engineering and its applications are one of our areas of work. ADY INDUSTRIAL SOLUTIONS has been working on projects in cement factories in different countries since 2010. Its engineering experience and determined staff have developed solutions for every segment of the industry.**

# HYDRAULIC & PNEUMATIC



- **Hydraulics, Pneumatics, Linear Motion, Assembly Technology**
- **Project and system engineering studies on electrical drive and control systems and these basic elements in the field of mechatronics**
- **We provide spare parts and system support**
- **We transfer our superior technology and experience to our customers and offer solutions in projects, sales and service.**
- **The basic point of our service approach is to closely follow the innovations and developments in drive and control technology both at home and abroad and to ensure that they are used in a way that meets the needs of our customers. In this way, we increase the competitiveness of both our customers and ourselves.**

# Energy Transmission & Distribution



## Energy Transmission & Substations

## Our References



## Contact Us



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