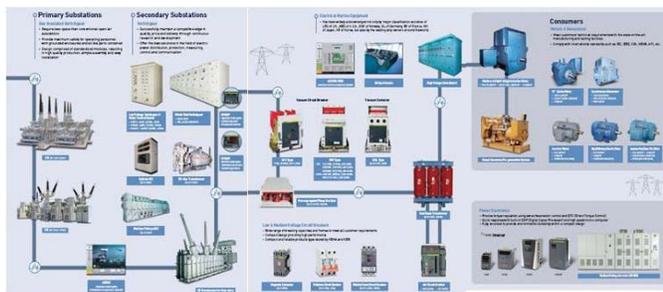


# Our Products & Services

## Our Products



### GE Power Controls Products



### Rockwell Automation



### Allen-Bradley



### TAMCO



✦ We are the distributor of leading brands of **electrical components:**

#### TAMCO

✦ Thai High Quality Products from sheet steel fabrication. Our products are Standard Enclosures, Cable Ladder, Wire Way, Outdoor Cabinets and all types of custom products as requested.

#### HYUNDAI

✦ Power Transformers (Oil, Dry), Gas Insulated Switchgear, Cubicle-GIS, LV and MV Circuit Breakers (MCB, MCCB, ACB, VCB), Magnetic Contactors, Vacuum Contactors, Digital & Thermal Overload Relays, Induction Motors, Diesel Generators, Solar Modules, Solar Inverters, LV/MV Industry Inverters, Busway (Bus-Duct), Type-Tested LV/MV Switchgear.



#### GE (GENERAL ELECTRIC)

✦ Air Circuit Breakers, MCCB, Magnetic Contactors & Overload Relays, Low Voltage Type Test Panels, Power Management Systems, Power Capacitors, Busway (Bus-Duct).

#### FUJI ELECTRIC

✦ Medium Voltage Load Break Switch, Potential Transformers, Current Transformers, Vacuum Contactors, Vacuum Circuit Breakers, Low Voltage Power Control Products, AC Induction Motors, Manual Motor Starters, Touch Screens.

#### AB (ALLEN-BRADLEY)

✦ PLC, Soft Starters, AC Drives, Magnetic Contactors & Overload Relays, HMI Software, Control Switches, Energy Meters & Energy Management Software.

#### RITTAL

✦ Imported Enclosure Systems for Industrial Applications, Electronics, Power Distribution, Telecoms, Outdoor, Ex-proof Enclosures, Cooling Units, Heat Exchangers, Heaters, Ventilation.

#### Schneider

✦ Digital Meters V,A,Hz , Multimeters, Digital KWh+Pulse, Energy Meters, Energy + Demand Controllers, ELAN Energy Management Software.

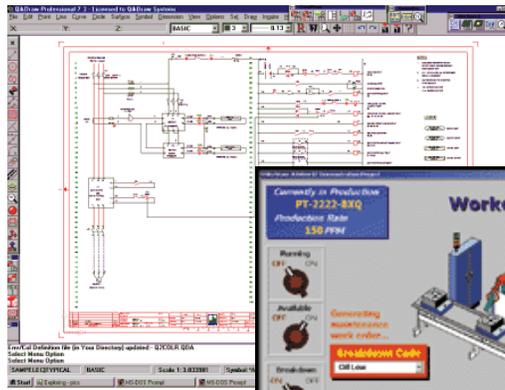
# Our Services

## Engineering and Design Services

TTE provides full and complete documentation for all projects, CAD drawings for in-house design projects and design of switchboards according to customer's requirements.

### Documents:

- CAD engineering for schematics, wiring plans, panel layout.
- Software development for PLC & HMI Ladder Logic Programming, state and sequential Allen Bradley PLC5, SLC500, MicroLogix, AB Panel View, RS View HMI Software.



## Manufacturing Services

- High Quality Sheet Steel Fabrication Service
- Cable Ladder, Wire Way & Junction Box
- Standard Enclosure, Control Desk



- Processing of copper busbars
- Mounting & Wiring of switchboards and control panels



- Workshop routine tests on each manufactured unit
  - Mechanical Test
  - Insulation Test
  - High Voltage Test (Hipot Tester)
  - Connection Point
  - Finishing & Label
- Site Installation & Commissioning Assistance



## Name Plate Engraving & Sign Making Services

- Engraving Service
  - All name plates and letter tags done by computerized engraving machines which are capable of engraving many types of material. This enables us to engrave company logos, schematics, and general arrangements per customer specifications.
- Vinyl Cutter Sign making service
  - TTE provide sign labels on panels or made to order versions for customers.
  - Large Media Printer for Electric Diagram & Panel Layout (Paper size A0, A1, A2, A3)

# Medium Voltage Switchgear



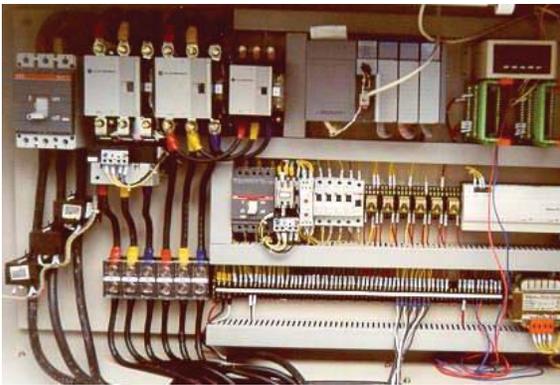
# Control and PLC Panel



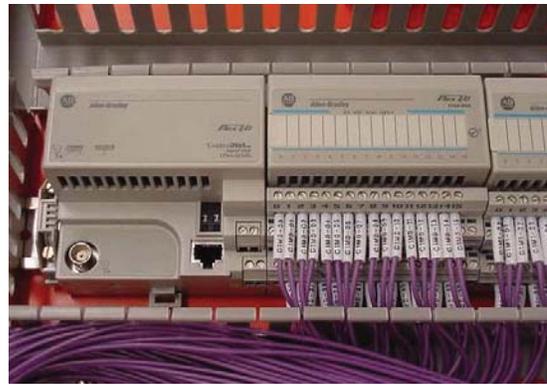
**PLC-5**



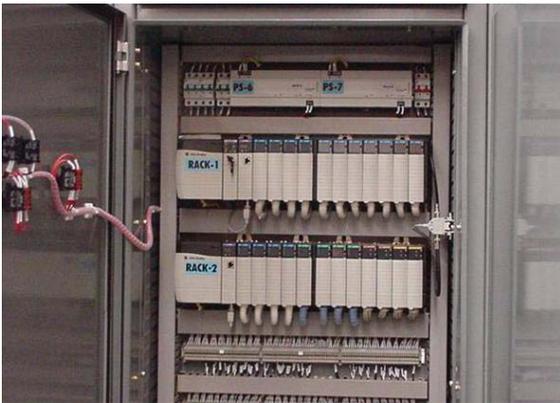
**Control Logix**



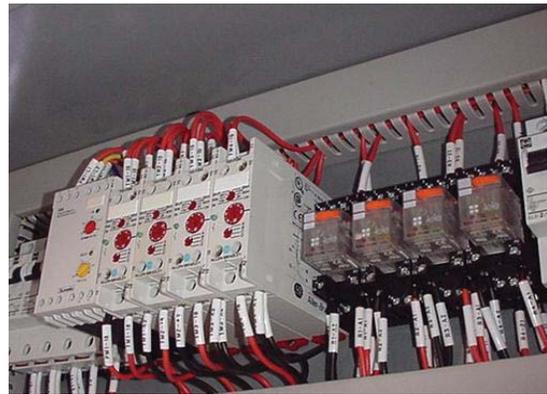
**SLC-500**



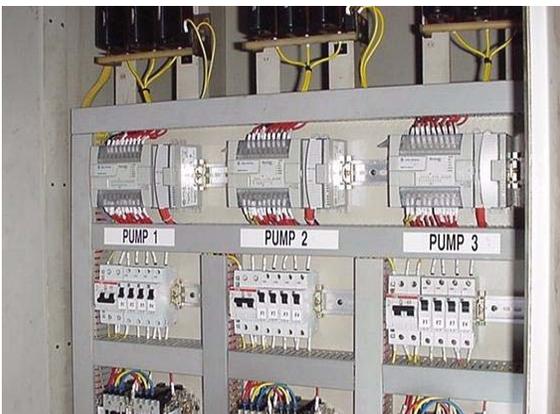
**Flex I/O**



**Control Logix**



**Control & Wiring**



**Micrologix 1200**



**PLC-5 Ethernet**

# Installation & Maintenance Services

The installation team is fully capable of providing installation services as well as managing third party installation contracts.

Even the needs are discrete manufacturing or processing control; TTE is capable of handling the customer requirements.



## Equipment & Test Instruments



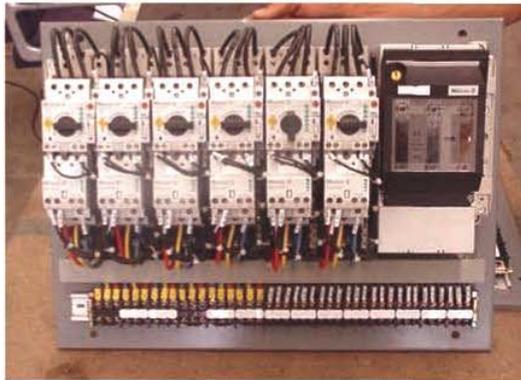
# Main Distribution Panels



# Vary Speed Drive Control Panels



# Motor Starter and Control Panels



# Low Voltage Motor Control Center



# Auto Transformer Starter Panels



## Auto Transformer Starter Panels







Vary Speed Drive Control Panels



# Motor Control Centers



# Outdoor Panels



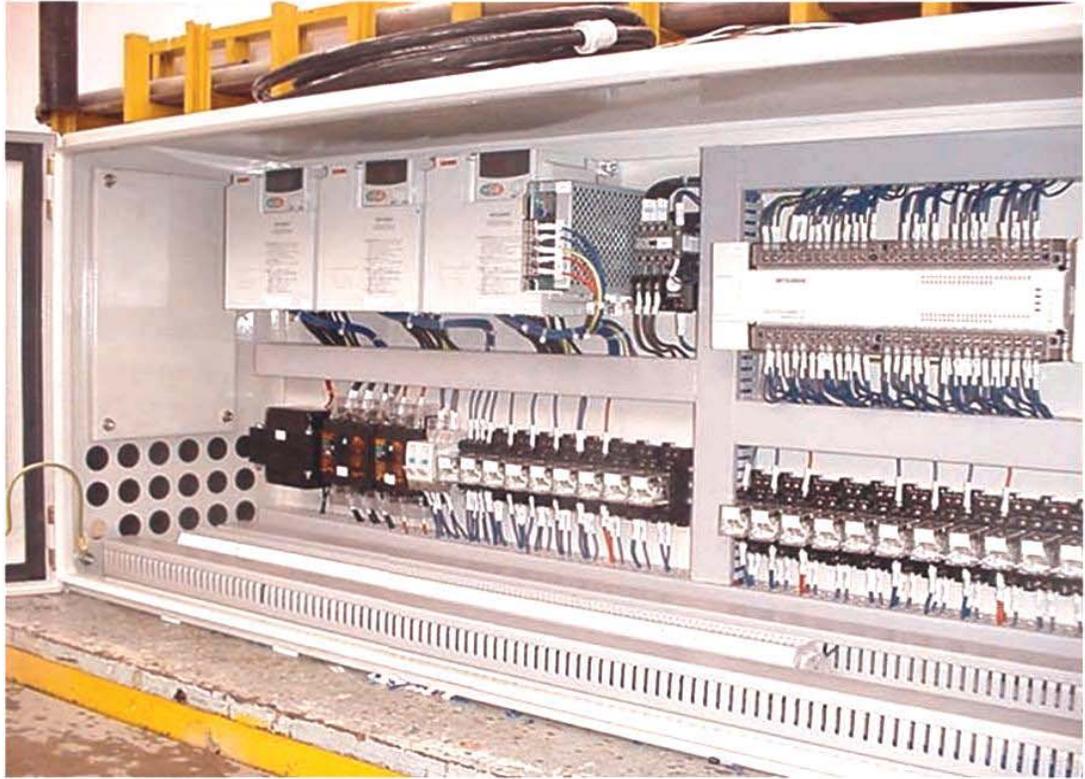
# Main Distribution Panels



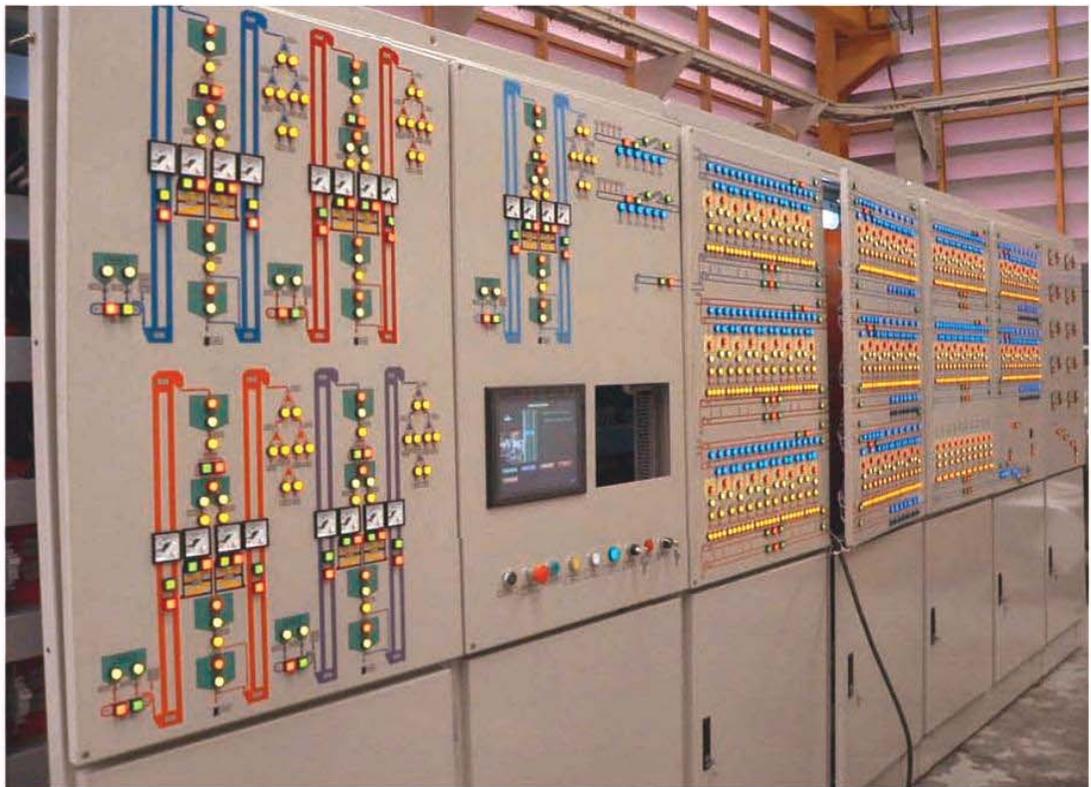
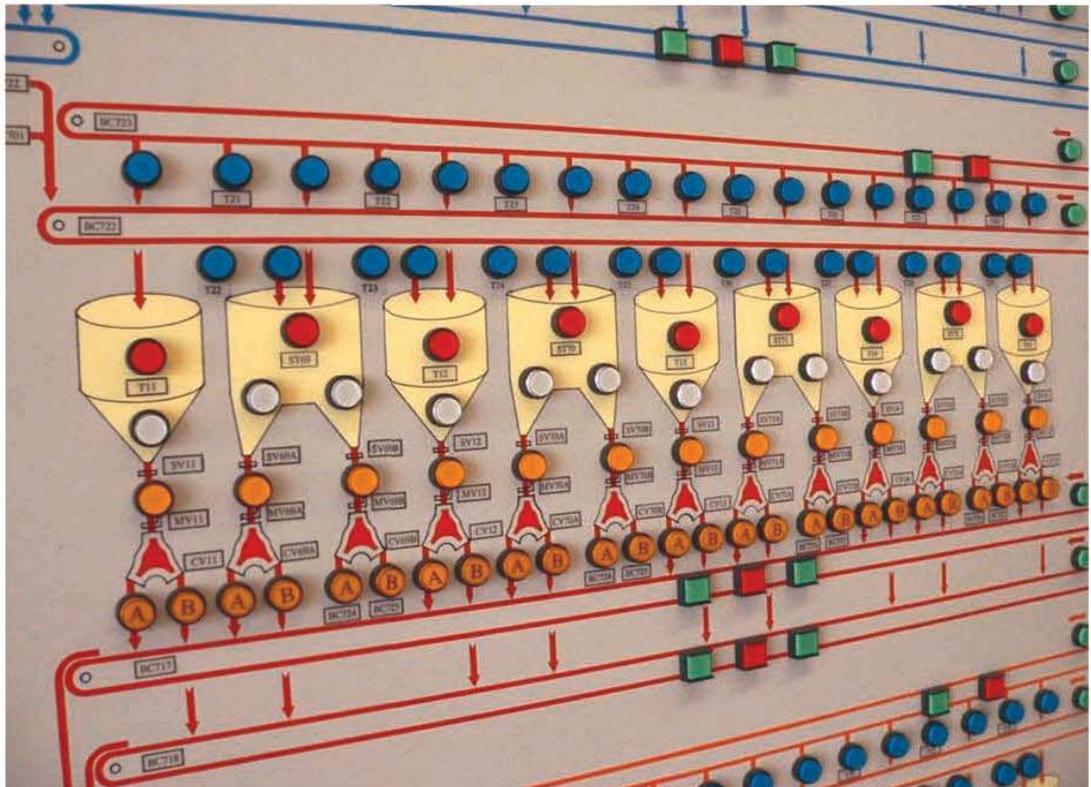
# Main Distribution Panels



# MIMIC Display Panels for Rice Industry



# MIMIC Display Panels for Rice Industry



# Generator Synchronizing Control Panel



# Low Voltage Main Distribution Panels



## Console Desk Enclosure



## VFD and PLC Control panel

