## **COMPANY PROFILE**





Agni Instruments Engineers (I) Pvt. Ltd.



Agni we are a team of electronics/electrical techno crafts who have vast experience both qualitative and quantitative in the field of fire detection, security system & electrical control panel. Agni Instruments was established in the year 1989. Agni emphasises on adherence to quality standards and in depth specialisation achieved in the field of design, development and manufacturing of Fire Detection/Security System/Electrical Panels.





#### **AGNI QUALITY**

The Testing procedures at AGNI INSTRUMENTS ensure total quality throughout the production process. The technical experts ensure compliance as per the standards for all routine tests dedicating to total quality. Practicing Quality in day today life is one the prime principle and focus of Agni Instruments. The company devotes much time for creating quality awareness among its employees and sub-vendors. These dedicated professionals work as a tight-knit team to ensure compliance with performance specifications. Continuous Quality Improvement is one of the objectives of the company. The company to support its Quality Focus has obtained and maintains ISO 9001 : 2000 with international standards for its manufacturing activities.

#### **INNOVATION:**

Staying ahead of the competition with technical excellence and responsive after sales care, Agni Instruments has the capability to manufacture units for any location, climate or situation. Our technical team designs customized panels/products for each specific requirement.





#### **OUR VISION:**

Agni Instruments shall be the most trusted, respected and preferred brand, for electrical and electronic equipment that finds application in power generation, distribution, control and final consumption.

In its major businesses Agni Instruments shall be known widely as company "closest to its customers".

Agni Instruments products shall be used to manage power in Indian industries & in its most critical infrastructure.

The Agni Instruments name shall be recognized widely as a benchmark, and shall serve as a role model and an inspiration to other Indian engineering products companies.

Agni Instruments shall be cited as a company that plays an important role in making "Made in India" a label that is trusted and respected worldwide.

#### **OUR MISSION**

To create a unique alchemy of outstanding products, operational excellence, path breaking customer service, and compelling marketing.

To create and relish a vibrant workplace where employees are empowered, cared for, developed, and most of all, provided unlimited opportunity to discover their full potential.

To continuously enhance our core technologies, and develop new world class technologies and products to expand our offering to customers.

To consolidate and strengthen our position as one of the India's largest manufacturer of Fire Alarm & Electrical Panels.





#### **FABRICATION & PAINTING:**

AGNI INSTRUMENTS has highly advanced and appropriately designed manufacturing facilities equipped with state-of-the-art machinery from all over the world. All switch gears & raw material are directly procured from the manufacturers for quality, genuineness & service backup.

Our manufacturing unit in Delhi has a floor space of 13000 sq. feet. AGNI INSTRUMENTS supports households of 100 plus employees comprising of engineers, technical associates and executives.

The facility can boast of the Best Machinery for Computer aided design & manufacturing Fabrication facilities from renowned industrial houses. Excellent Epoxy Power Coating Painting facility, an Assembly shop equipped with multiple Hydraulic Bus Bar Cutting and bending machines. Liberally spaced Assembly and Wiring shops enhance the production capacity.





**CNC BENDING** 

AGNI INSTRUMENTS can boast of its world-class automated Camelback Epoxy powder coating plant spread over 4,000 sq feet with nine spray tanks for pre-treatment of steel. Pre-treatment is done through Hot Phosphate Process with Online Temperature Monitoring of Degreasing, Phosphating, and Passivation tanks.

The fully conveyorized Camelback plant with the best in the world GEMA Electrostatic Guns for Powder Coating from Switzerland ensure perfection through out the process.

Separate Paint Booth and heavy duty drying and painting ovens are used to bake the powder at a consistent 200 degree Celsius for more than 30 minutes. Oven Calibration at regular intervals ensures consistency.



**CNC PUNCHING** 



**CNC SHEARING** 



**POWDER COATING** 



#### (c) TEST EQUIPMENTS

#### **ITEM**

- Oscilloscope
- dB Meter
- Digital Multimeter
- Digital Regulated Power Supply
- 24 Volt Fixed Power Supply
- Trasformer Testing Jig Rheostat 15 Amp.
- A.C. Variar
- Wire Twisting Machine
- Solder Bath
- Other Light tools as required
- Testing Bench complete with Digital Meter & Power Supply
- Testing Bench complete with hooter
- Panel Fitting Bench
- Fitting Bench complete with 1 HP drill & Jaw
- PCB Assembly Bench
- Wiring Bench
- High Voltage Testing Set Up of 5 KV
- H.T./L.T. Megger (1000V)
- Secondary injection test set with AC/DC variable supply
- Earth Resistance Measuring Instrument
- Multimeter
- Primary Injection Test Set



**Electrical Continuity** 



**Circuit Tester Meter** 



Megger



**Earth Tester** 



**Coat Gauge Meter** 

# MACHINERY INSTALLED

#### (d) MACHINERY INSTALLED:

- NC HYDROLIC PRESS BREAK
  - Size: 3104 with NC Controller.
- NC Hydrolic Sheering Machine.
  - Size: 80x2500 with NC Controller.
- Power Sheering Machine(2500 MM.)
- Hydrolic (NC Control)
- Power Press (150 TONs).
- Power Press (75 TONs).
- Power Press (50 TONs).
- Power Press (20 TONs)
- Power Press (15 TONs).
- Power Press (10 TONs).
- Power Press (5 TONs).
- Surface Grinder(18 Inch.)
- Milling Machine
- Lath Machine
- Spot Welding Machine
- Mig Welding Machine
- Grinder
- Drill Machine
- Tapping Machine
- Hard-Drill Machine
- Hand Grinder
- Angle Cuttting Machine
- Blower
- Hot Air Gun
- Hydralic Bus-Bar cutting & Bending Punching Machine
- Air Compressor
- Hand Press
- Ferruling Printer
- NIbbling Machine
- Automatic Power Coating Shop
  - -Dryers & Screw Fillers
  - -Effluent Treatment Plant
  - -Drilling Machine (6mm-16mm)



NC MACHINE FOR BUS-BAR, SHEARING, PUNCHING, BENDING



LATHE MACHINE



DRILL MILLING MACHINE



**WELDING MACHINE** 



#### **COMPANY STRENGTH:**

- Sales
- Accounts & Administration
- Technical Staff
- Semiskilled/Labour
- Working Space/Stock Space

## PRODUCT RANGE: (a) ELECTRICAL PANEL

- Draw Out & Non Draw Out Power Control Center.
- Draw Out & Non Draw Out Motor Control Panel.
- Relay Control Panel.
- PLC Control Panel.
- Control Console with Mimic Diagram.
- Auto/Manual Power Factor Correction Panel.
- Electrical Distribution Boards & Feeder Pillar.
- AMF Panel of Generator.
- Synchronizing Panel for Generator.
- Turbine Control Panel.
- Instrument/Control Panels for Process Plant.
- Street Lighting Distribution Panel.
- Soft Motor Starter Panel (DOL/Star Delta/Diesel Engine 12/24V)

### (b) FIRE ALARM CONTROL PANELS

- Automatic Fire Alarm Control Panel (Conventional)
- Automatic Fire Alarm Control Panel (Semi Addressable, Networkable)
- PC Interface Software
- Manual Fire Alarm Control Panel
- Gas Extinguisher Control Panel
- Repeater Panel
- Flow Switch Sprinkler Annunciator with BMS interface.
- Local/Main Fire Alarm Control Panel
- Mimic Panel
- Infrastructure Fire Alarm Control Panel for BTS Cellular Telephone Tower

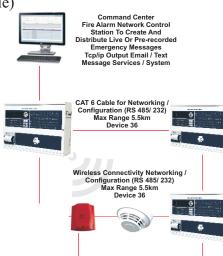
#### (c) DETECTOR

- Optical Smoke Detector
- Heat Detector
- Multi Criteria Smoke Detector

#### (d) P.A. SYSTEM/VOICE COMMUNICATION

• Customized Equipment Racks.









#### **CERTIFICATION**

- Tariff Advisory Committee (TAC)
- International Organization for Standardization (ISO)
- Underwriters Laboratories
- Conformitè Europène

#### **TESTED BY GOVT. LABORATORIES:**

- Electronics Regional Test Laboratory (North) ERTL
- Central Power Research Institute (CPRI)

#### **DEGREE OF PROTECTION**

- Short Circuit
- IP-42
- IP-54
- IP-55

#### **REGISTRATION:**

- 1. ENTERPREURS MEMORANDUM II No. U31900DL2011PTC214085
- 2. Factory Licence No.: FLSLCN 07004872 (MCD)
- 3. Registration with Small Industries Service Institute, New Delhi SISI/ND/DCX/01 3339669 1583A.
- 4. Registrar of Company (Delhi & Haryana) Registration No. 55-95 120 of 1998-99.
- 5. Sales Tax TIN No.: 07920401449
- 6. Income Tax Permanent Account Number:- AABCA3553G/4412
- 7. Member of Institute of Fire Engineers, New Delhi.
- 8. Members of All India Fire Contractor Asso

#### **ADDRESS**

Registered Office & Works: Y-51, Okhla Industrial Area, Phase-II, New Delhi-110020 (INDIA)



#### **OUR CLIENTS**



















































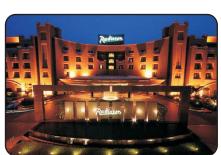












**RADISSON** 





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