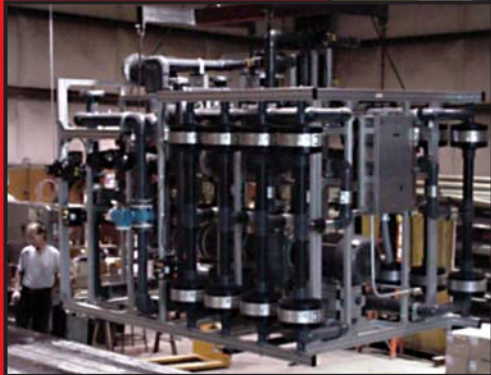


# Imagine the Possibilities when you have the Right Connections



- Industrial Electrical Contracting
- Custom Control Panel Shop
- Custom Fabrication Shop



**ICSE**

INSTRUMENTATION & CONTROLS  
SYSTEMS ENGINEERING, INC



## About ICSE



ICSE's more than 35 years of experience is a testament to our continuing commitment to exceptional customer service. We have grown with the times and expanded our services and capabilities. With our 50,000 square foot facility centrally located in the heart of Virginia our capabilities are endless. Staying on top of technology has made us one of the premier custom fabrication shops and Industrial Electrical Contractors in the country. From electrical control panels, custom fabrication to water and wastewater treatment plants our broad range of projects is quite impressive. We are a family owned business whose owners personally work with customers every day. We believe our commitment to be the best is what sets us apart. At ICSE we still have the pride and personal touch we had when we started, even though our clients are located throughout the United States as well as Internationally.



Naturally we can come to you any time, any place. When ICSE began in 1976 its goal was to provide electrical and instrumentation services for industrial, commercial, and institutional clients in Central Virginia. With our growth we have specialized in the Industrial Municipalities water and wastewater markets on our Electrical contracting side of our business. From simple VFD/Drive replacement, PLC/HMI/SCADA Systems, to the full electrical installation of a new facility our 20 plus years of experience, in this market, shows that we have made a commitment to our customers.

ICSE's team of expert technicians represents the best trained, most experienced individuals in the business. The average panel builder at our shop has over 20 years of experience. Our basic philosophy of working closely with each client combined with our dedicated professional staff and long-standing, high-quality performance record have made ICSE a leader in the industry.

ICSE is known for many high caliber, versatile services it provides. For new construction or modification of existing systems, ICSE can design and construct systems from your specifications or rough sketches. We can also appraise your needs and develop the specifications for you.

ICSE's full service capabilities assure you of technicians who are qualified to perform any electronic, electrical or pneumatic requirement for your projects. We will work closely with you to make sure all aspects of your project meet your specific needs.

ICSE can analyze control and instrumentation problems, as well as provide complete service, repair and contract work. When field service work is required, ICSE's technicians can repair, rebuild or modify existing panels and control systems at your job site. Whether you require emergency service or routine preventive maintenance, ICSE is glad to be of service, and will guarantee a professional approach and a dependable solution.

No matter what your needs are, from design, fabrication and complete field construction to trouble shooting maintenance, you can count on ICSE to give you professional, high quality and timely results.



# Industrial Electrical Contracting

ICSE is a fully licensed and state registered Electrical Construction Company specializing in:

## Municipalities and Industrial:

- Water & Wastewater Treatment Facilities
- Pumping and Lift Stations
- Water Tower Projects

## General Industrial Maintenance and Construction/Installation of:

- Switchgear and MCC (Motor Control Centers)
- Panelboards
- Generators
- VFD (Variable Frequency Drive) installations / Upgrades and replacements
- PLC (Programmable Logic Controllers)/ HMI (Human Machine Interaction)/ SCADA (Supervisory Control and Data Acquisition) systems
- Field Control Wiring
- Underground Utilities
- General Lighting to High Mast Sports Field Lighting installation – certified MUSCO Installer
- Light Commercial installation



## Plant Checkout & Commissioning:

We provide total coordination of start up and check out procedures for new construction.

## Contract Maintenance:

Our Electrical Services can be provided as an on-going maintenance function, or we can provide the same reliable service on a “call” basis.



## Name Tags & Labels:

Our shop facilities include state of the art equipment for cutting custom engraved tags and labels in a variety of styles, materials and colors.

## Turn Key Projects:

From Concept to the finished installation – This includes Engineering, Fabrication, Installation and Start Up with the added service of Apex Automation & Controls.



# Custom Panel / Fabrication Shop

## ELECTRICAL, ELECTRONIC AND PNEUMATIC CONTROLS

ICSE is a premier Instrumentation and Control Systems company with a staff of Engineering and Technical Personnel who are specialists in the design and construction of control consoles and panels. Virtually any industrial or commercial requirement is within the capabilities of our full service company whether it be a partial or “turn key” system.

Let ICSE analyze your specific requirements and formulate the most efficient design and specifications to fulfill your needs, or we can manufacture your panels or consoles from your own specifications, drawings or rough sketches. No job is too complex. Any electronic, electrical or pneumatic requirement can be fulfilled ...from design and fabrication through installation, check-out and start up.



**W**e have found that each company has its own specialized requirements. Our staff works closely with our customers to provide the quality system, service and maintenance that meet their needs.

We take great pride in the quality, appearance and standards of our panels and control systems. Our services include shop facilities for cutting custom engraved tags and labels in a variety of styles, materials and colors. This insures you of the most accurate read-out of your controls.

Whether your job calls for the most complex instrumentation and control systems or modification of an existing system, our expertise can fulfill your specific requirement.

Upon completion of a project at our facility we are capable of kitting your equipment for ease of receiving and installation at your facility.

ICSE can ship directly to your facility with our vast selection of company owned transportation vehicles ranging from box trucks to an 18 wheeler.

### UL recognized Shop:

- Certified for NEMA 1,3R, 4, 4X, 7 AND 12
- UL 508 – General Panel
- UL689A – Intrinsically Safe Extension
- Class NNNY and NNNY7 (Hazardous Location)

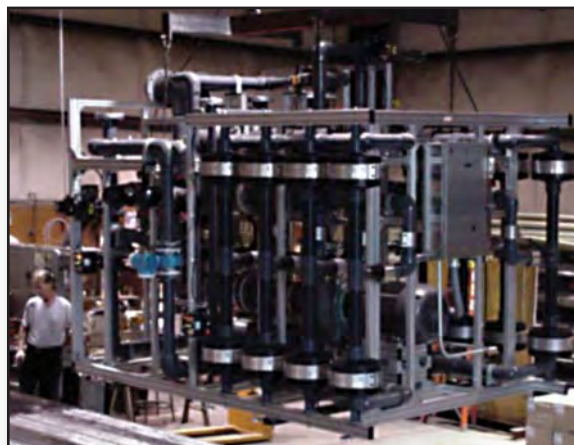




## ICSE Key Points

**ICSE is a Family Owned and Operated Small Business that was formed in 1976.**

- Class A Electrical Contractor
- UL Recognized Panel Shop and Fabrication Shop
- Members of AGC, NECA, ISA
- 50 K sq/ft Facility, Storage Yard & Warehouse for staging equipment during projects
- Equipment owned by ICSE:
  - Transporting Equipment
    - 18 Wheel Tractor Trailer
    - Box Trucks
    - Utility Trailers
    - Low Boy Trailers
  - Earth Moving Equipment
    - Backhoes
    - Track Loaders
    - Mini Excavators
    - Trenchers
  - Auger Truck
  - Man Lifts to 60 feet
  - Fleet of Service Vehicles



- In House Quality Control

### **ICSE builds relationships that last a life time**

No matter what your needs are, from design, fabrication and complete field construction to trouble shooting maintenance, you can count on ICSE to give you professional, high quality and timely results.

### **Imagine the Possibilities when you have the Right Connections**



**ICSE**

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SYSTEMS ENGINEERING, INC**

**Call Us Today:  
804-550-5770**



## Partial Client List

Afton Chemical Corporation  
Alcan Packaging  
AlSCO Metals  
American Water Operations  
Amsted Rail 7 Bearing  
Anderson Construction  
Atlantic Constructors  
Boehringer Ingelheim USA Corp.  
Brenco Incorporated  
Caroline Wastewater Treatment  
Chesterfield County Dept. of Utilities  
City Of Richmond, DPU  
Classic Machine & Engineering  
Commonwealth Controls Corp.  
Control Dynamics Inc  
Corman Construction Inc  
County Of Henrico, Virginia  
Creative Conservation Company  
Degremont Suez  
Denard  
Dinwiddie County School Board  
Diverified Control Systems  
Dixie Pellets  
Dominion  
Dominion Generation  
Dominion Virginia Power  
Dominion Energy Management Inc  
Dominion Resources Services  
E I Dupont  
Dupps Company  
Electrical Equipment Company  
E-Merge Systems Inc  
W.C. English Construction Inc  
Environscape Inc  
Evans Group  
Fidelity Engineering Corporation  
F.L. Showalter Inc  
Franz Haas Machinery of America  
Franklin Mechanical Contractor  
Graphic Packaging International  
G.V. Layne Contracting Inc  
Harmonics Limited Inc  
Hercules Incorporated  
Honeywell International Inc  
Infilco Degremont Inc  
J.M. Bell Inc  
Kings Dominion  
Kraft Foods  
Luck Stone Corporation  
Meadwestvaco Corporation  
Mid Eastern Builders  
M & W Construction Corp.  
New Kent County Public Utilities  
Newport News Shipbuilding  
Norair Engineering Corporation  
Northrop Grumman  
Pfizer  
Phillip Morris USA  
Piedmont Construction  
Pizzagalli Construction Company  
Progressive Design Inc  
Qimonda Richmond LLC  
Raynor Adams  
San-J International  
SMECO  
Southwood Builders  
South Central Wastewater Authorities  
Special Ops Inc  
Stafford County  
T. A. Loving Company  
Town Of Tappahanock  
Town Of Chase City  
Track Properties LLC  
Truland Service Corporation  
Union Bank & Trust  
Virginia Water Systems  
Waco Inc  
Westmoreland County  
AD Whittaker Construction  
Wyeth Ayerst Pharmaceuticals



# ICSE

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