

CORPORATE PROFILE



Instrumentation Engineers Ltd.

COLLABORATE  
EXECUTE **SUCCESS**

# ABOUT THE COMPANY

**iel** (Instrumentation Engineers Limited) was founded in January 1984. iel has a unique blend of professional and technological arrangement to offer modern industrial services. With an unbeatable team of business and technical strategists iel specializes in Integrated Engineering, Instrumentation, Control Systems, Installations, Commissioning Maintenance and Industrial & General Management Training.

iel is not only an engineering organization, but also offers services including: sales applications, after sales support, engineering, installation/commissioning and manpower training. With an integrated engineering, consultancy and solution providing workforce, the company has diversified experience of handling small to medium scale projects. Our managing director has a vast industrial sales and marketing experience by virtue of 25 plus years of association with EMERSON Process Management (now known as EMERSON Automation Solutions). We started the company with the goal to provide solutions to the industries and act as a bridge between the customers and the internal/external resources. We are committed to develop Bangladesh's industrial sector through our products and services.

## CORE SERVICES:

- Review customer requirements & provide customized solutions
- Cater to serve service industry solutions
- Field installation support
- Commissioning and startup assistance, including after sales service
- Executive Education Services

## International Collaborations

iel has signed the agreement as Local Business Partner with a number of world-renowned manufacturers in the field of instrumentation & control, moreover partnering technical training services with:

## EMERSON Automation Solutions



Running a process operation means constant pressure to cut costs, increase output, reduce energy use and emissions, and improve safety—all while managing increasingly complex operations. That's why our customers around the world turn to us not only for automation technologies, but also for engineering services to help them plan, implement, and support their operations.

# Major Customers

## Oil & Gas

### PETROBANGLA Companies including:

- Bangladesh Gas Fields
- Sylhet Gas Fields
- Chevron Bangladesh
- Kris Energy
- Bangladesh Petroleum Exploration & Production (BAPEX)
- Jalalabad Gas Transmission & Distribution Company
- Karnaphuli Gas Distribution Company
- Bakhraabad Gas Distribution Company
- Pashchimanchal Gas Company
- Titas Gas Transmission & Distribution Company
- Sundarban Gas Company

## Oil Refining

- Eastern Refinery
- Petromax Refinery
- Super Petrochemical

## Chemical & Fertilizers

### Bangladesh Chemical Industries Corporation Companies including:

- Urea Fertilizer
- Jamuna Fertilizer
- Ashuganj Fertilizer
- Chittagong Urea Fertilizer
- DAP Fertilizer
- Polash Urea Fertilizer (PUFLL)
- Karnafuli Fertilizer (KAFCO)
- ASM Chemical Industries
- Samuda Chemical Complex
- Chatok Cement
- Cemex Cement
- Lafarge Surma Cement
- Karnaphuli Paper Mills

## Power

### Bangladesh Power Development Board Companies including:

- Ashuganj Power Station Company
- Rural Power
- Meghnaghat Power
- Haripur Power (Pendekar)
- Summit Power
- NEPC Consortium Power (Covanta)
- Midland Power
- United Power

## Pharmaceuticals

- Incepta Pharmaceuticals
- Square Pharmaceuticals
- Beximco Pharmaceuticals
- ACI Pharmaceuticals

## Others

- Bangla Track
- Kaltimex Energy
- Rahimafrooz CNG
- Abul Khair Steel
- S. ALAM Group

## FINAL CONTROL AND REGULATE



### Natural Gas Technologies

A complete range of products and solutions as stated below under these major brands:

- Gas pressure Regulators, Pressure Relief Valves & Slam Shut Valves
- Pressure Regulating & Metering Systems/Skids
- Gas Conditioning Solutions, Odorizer Systems/Skids
- Gas Separation & Filtration Systems/Skids
- LC-21 Remote Automation Systems
- Power Plants Skids
- LNG off-take Stations/Skids

### Fisher Valves

- Sliding Stem Valves (Globe/ Angle/ Three-way)
- Rotary Valves (Ball/ Butterfly)
- Severe Service Valves (Anti-Cavitation/ Anti-Noise/ Dirty Service)
- FIELDVUE Smart Positioners
- Controllers
- Displacement Type Level Controllers/ Transmitters
- Educational Services

### TopWorx

A complete range of Go Switch- Leverless Limit Switches and Valvetop - Discrete Valve Controllers and Switch boxes.

### Valve Automation

A complete Valve Automation Solution for Oil & Gas Pipelines and Refining, Petrochemical and Chemical Industries from the world leaders, which include: Bettis, Field-O, Shafer, Hytork, Dantorque, El-O-Matic, Varec, Anderson Greenwood, Biffi, Crosby, Kunkle, Sempell, Lunkenheimer, Penberthy, Vanessa, Vonk and Yarway.

### Virgo Valves and Controls

Virgo offers Ball Valves from ½” to 60” size and in pressure classes ANSI 150 to 2500. The product line includes Floating Ball Valves, Trunnion Mounted Ball Valves, Metal Seated Ball Valves, Welded Body Ball Valves, Cryogenic Valves and Top Entry Valves in a wide choice of standard materials as well as special materials such as Duplex, Super Duplex and Inconel etc.

## MEASURE AND ANALYZE



### Pressure/ Level/ Temperature Measurement

A complete range of Rosemount Pressure Transmitters, Level Transmitters, Temperature Transmitters, Differential Pressure, MultiVariable Transmitters, DP Flow Products, Instrumentation Manifolds, Liquid Level Switch, Temperature Sensors and Thermowells.

### Flow Measurement

A collection of Ultrasonic, Orifice fittings, Coriolis, liquid turbine, Vortex and Magnetic.

### Analytical

A range of Liquid Analyzer (Conductivity meter, pH meter, Chlorine meter), Gas Analyzer (O2, CO, CO2) and Gas Chromatograph.

## OPERATE AND MANAGE



### Remote Automation Solutions

A complete range of Flow Computers, Presets, RTU, Field Based Control Systems, PLC and Scada Systems.

### Process Control & Automation System

A collection of the following:

- Distributed Control System (DCS)
- Process Safety Integrated System
- Alarm Management Software (AMS Suite)
- Resource Management
- Operation Optimization Software (Syncade)
- Field Communicator
- Fiscal Measurement
- Custody Transfer, Batch Loading
- Meter Proving Application
- SCADA

### Wika Alexander Wiegand SE & Co. KG, Germany & Italy



One of the most qualified and reputed company providing testing and calibration equipment for the process control instrumentation e.g. Portable Calibration Equipment Test Benches and complete Calibration Systems.



### EXECUTIVE EDUCATION

Being the business partner of Emerson in Bangladesh, iel is committed to introduce high level executive education (General Management & Industrial Training) to enhance professional skills of Human Resource of Corporate Sector in Bangladesh. Improve your workforce with a full range of training options from our Educational Services. Train new hires, improve your current workforce skills, or help your team adapt to new technology or products. Courses are offered through Emerson's regional training centers, globally recognized trainers & industry experts, locally or at your facility, via the web utilizing eLearning or virtual classroom, making it a blended learning approach.



**Instrumentation Engineers Ltd.**

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