



®  
نايزك  
naizak

Excellence through: INNOVATION,  
AGILITY & COMMITMENT

# INTRODUCTION



Naizak Global Engineering Systems was established in 1998 as a part of Al-Abdulkarim Holding (AKH). Naizak specializes in Laboratory Systems, Technology Solutions, Process Automation & Energy. At Naizak, we are committed to excellence, and we are proud to serve our customers in the areas of Automation, Food and Beverage, Industrial Solutions, Oil & Gas, Power Transmission Systems, Petrochemicals, Electrical, Education, Research, Medical, Life Sciences and Information Technology. Our headquarter is in Khobar, in The Kingdom of Saudi Arabia.

# PRESIDENT'S MESSAGE

“It is my great pleasure to introduce Naizak Global Engineering Systems.



Naizak has been involved in the growth of the national economy by taking a leading role in providing products and services. We establish long-term partnerships worldwide in order to address the needs of our customers. Our business has continued to evolve over the years and now we have an expanding regional presence across the Middle East, United States, Europe and Asia.

Naizak is transforming itself to take advantage of the latest demand and development of technology. We are reshaping and diversifying our business units to ensure that they are capable of meeting our customers' expectations in technology and innovation. These include providing professional solutions and services in the areas of; Hydrocarbon, Power Systems, Electrical, Laboratory Systems, Enterprise Solutions, Training, IT Infrastructure, Cyber Security, Telecommunications and Education. We thank you for your support and look forward to working together.”

*Khalid Al Abdulkarim*

# INTERNATIONAL EXPANSION

Naizak operates its business outside Saudi Arabia through its subsidiary **East West Trading International (EWI)** in the UAE, Qatar and Bahrain.



## MANUFACTURING

Naizak has established a strong Manufacturing presence in Saudi Arabia under the name **Industrial System Group (ISG)** for Explosion-Proof Electrical Systems, Process Analytical Systems, Process Instruments , Control Valves, Test Vans, Control Cabinets, Vibration & Condition Monitoring Systems, ESD systems , HIPPS panel and Non-Metallic (GRP/FRP) Cable Management Systems.



# OUR MISSION

To exceed our customers' expectations by strengthening their capacity and providing superior services & technology.

# OUR VISION

Transfer technology and navigate the future.





# OUR SPECIALITY

# LAB SYSTEMS




Naizak lab Systems (NLS) is actively involved in the growth of the national economy by taking a leading role in providing products and services to the Scientific & Industrial community of laboratories.

NLS specializes in:

- **Analytical Instrumentation**
- **Laboratory Technology**
- **Life Sciences**
- **Medical & Diagnostics**
- **Mass Spectrometry & Nanotechnology**
- **Educational Technology**
- **Industrial Technology**
- **Oil & Gas**
- **Material Testing**
- **Lab Informatics ( LIMS )**
- **Projects ( PMT & Execution)**
- **Lab Furniture & Case Works**
- **Lab Operation & Maintenance**
- **Training Center & Demo Lab**

# PROCESS AUTOMATION & MEASUREMENT



Process Automation and Measurement (PAM) provides a diverse range of quality products and services that are utilized in most industrial processes. Our solutions are always in-line with international regulations and standards, but with versatility to adjust to suit our customers' proprietary or special requirements. Our focus covers the Oil and Gas, Petrochemical, Power, Water/Wastewater Utilities and other industries.

We are specialized in:

## Process Analytical Systems

(Process analyzers, Shelters & SHS)

## Process Instrumentation

(Flow , Pressure, Temp & Level)

## Control and Safety Systems

(PLC, RTU , ESD , HIPPS & VMS)

## Valves and Actuation

(PVRV, positioners, electrical valve)

## Packaged Systems

(VRU , SVP and metering Skids)

## Site Services

(testing, commission and LSTK)



# TECHNOLOGY SOLUTIONS

Naizak Technology Solutions (NTS), regardless of the sector, are living, breathing and operating in an environment where information technology is changing the landscape around them. Our deep industry expertise puts us in a unique position to help you use the right technology to address your most complex and critical challenges, through faster cloud migration.

- **Integrated Telecommunication and Security Systems**
- **IT Infrastructure and Services**
- **Business Intelligence**

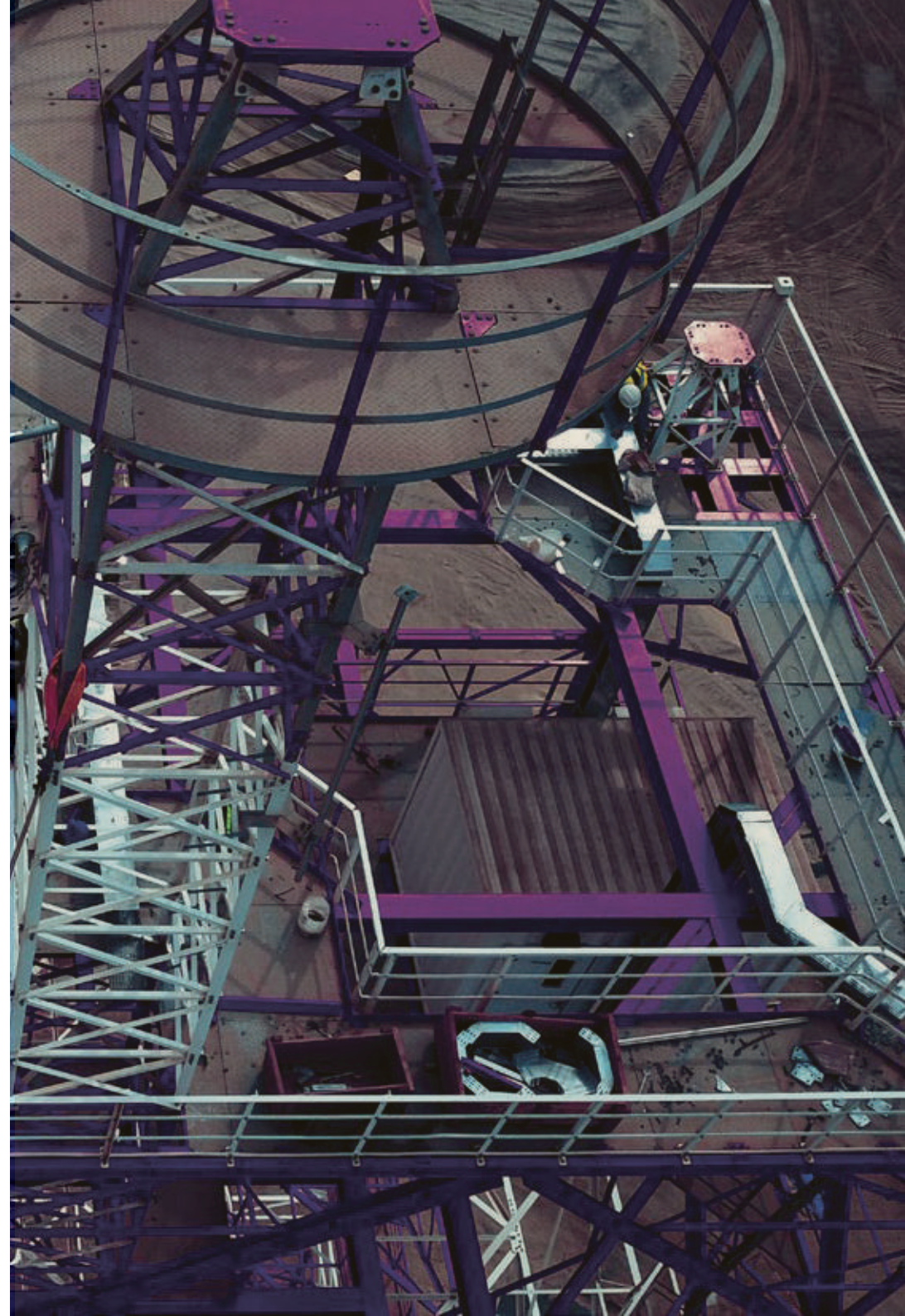


# Telecommunication & Security Systems

This division has developed solid experience throughout this specific discipline. The Systems specializes in automation, security, and analytics across private, hybrid, and multi-cloud environments. The TSS Division differentiates itself by integrating and optimizing a range of products to provide customized, interactive, and effective solutions in line with international standards and HCIS directives to suit the specific requirements and needs of each of our customers.

We are specialized in:

- Cyber Security (IT/OT)
- Smarty Cities
- System Integration
- Integrated Security Solutions



## IT Infrastructure & Services

IT today is very different from what it used to be a few years ago. Digitization today has made consumers more powerful and transformed the expectations of enterprises with IT. They are now expected to help businesses become agile, secure, service-oriented, and capable of delivering unified experiences to end customers.

We are specialized in:

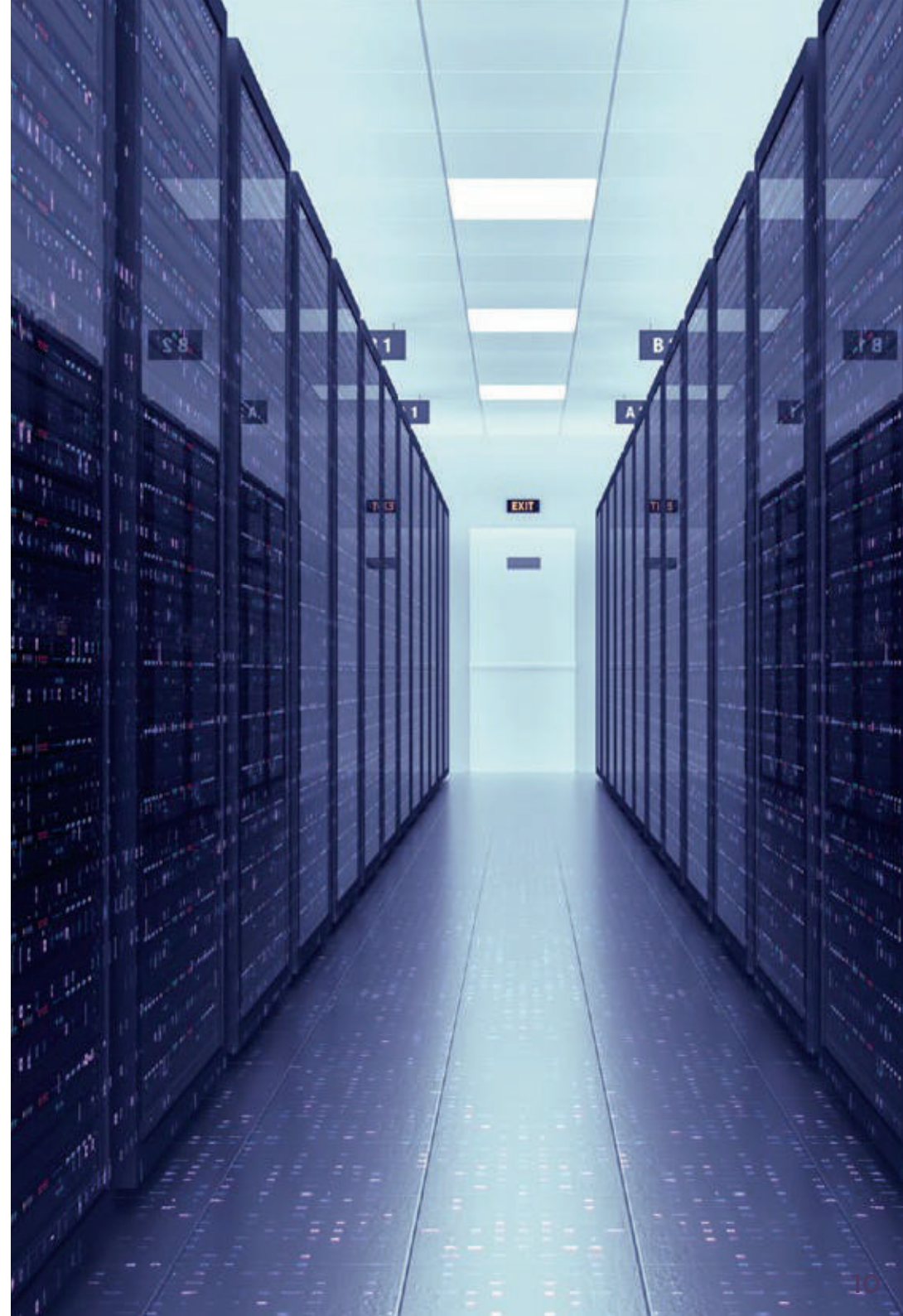
- Enterprise Computing
- Storage Area Network
- Backup and Recovery
- Security Gateway and Intrusion Prevention

## Business Intelligence Systems

This division helps organizations embrace the digitization of their business and leverage the power of the ongoing digital revolution. Using our technology and strategic long-term partnership with major corporations, we offer a complete range of integrated/end-to-end solutions and services.

We are specialized in:

- Process Automation and Robotics
- Artificial Intelligence
- Enterprise Risk Management
- Asset Performance and Prediction
- Process Data Validation and Reconciliation
- Energy Management and Optimization Systems
- Industrial Simulation and Automation Systems



# ENERGY

Energy is a key input for accelerating economic growth. Energy strategy for sustainable growth is to create a highly visible organization that promotes and provides services and solutions for energy-related research and education in the field.

We are specialized in:

## — Renewable Energy:

The demand for energy at a global scale is set to increase drastically in the coming years. Maintaining safe energy levels, and generating low carbon emissions are key factor changes, where renewable energy plays a crucial role. It is necessary to put in place a strategy in order to reach our energy demands today and in the future, in a sustainable manner.

We are specialized in:

- Renewable Electricity Generation
- Acclimatization Using Renewable Sources
- Domestic Hot Water Heating Solutions
- Solar Water Pumping
- Solar Street Lighting



## Power Systems:

The Power Systems division of Naizak is specialized in Turnkey Supply, Installation, Testing & Commissioning, Integration, Maintenance and field Service of equipment and services related to :

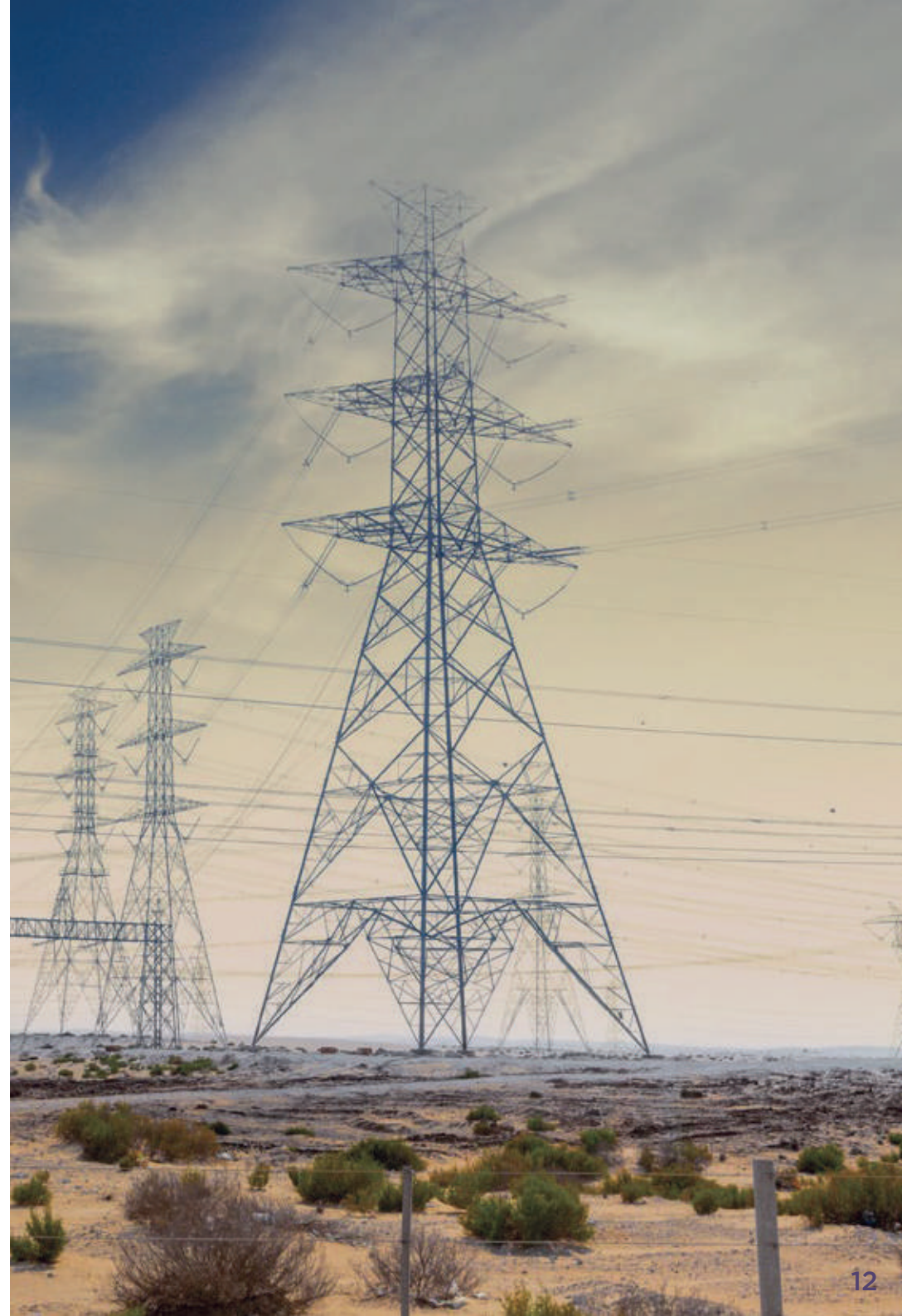
Power Generation, Transmission, and Distribution, Substation Automation & SCADA system.

## Electrical Systems

Naizak is a major supplier for the following products:

- Electrical Junction Boxes - (Ex proof / Safe Area)
- Electrical Conduit & Fittings
- Electrical Lighting and Lighting Fixtures (Safe Area / Classified Area)
- All types of Test equipment e.g.: Megger, Fluke etc.
- Cable Jointers (Elastimold, Reychem etc.)
- Stock Keeper for Fast moving Electrical material for Aramco.

In addition, our technology partner is a leading manufacturer, engineering and contracting company in the following fields of, Electric Heat Tracing, Ex- Proof (Control & Connection) equipment, Automation Technology , Measurement Technology , Analyzers & Electric Heaters (Chromalox)



## Industrial and Oilfield:

This division provides unique value products through a well-developed network of international reputable technology manufacturers. We offer Valves, Pumps, Engineered Products & Process Package Systems to Oil&Gas, Petrochemical, Mining, Water and Power industries in Saudi Arabia.

## Fire Safety:

Naizak services include installation, Testing & Commissioning, Integration and Maintenance / Field Service of Equipment and Systems related to Fire Alarm, Gas Detection Systems, Fire Protection Systems (NOVEC, FM200 and CO2), Sprinkler Systems, and Hydrants Valves & Fire Protection Valves.

We are an MOI Approved SAFETY Contractor (HCIS), and we provide systems in accordance with NFPA-72 and European Standards.





# **EPC: ENGINEERING, PROCUREMENT & CONSTRUCTION**

Naizak Contracting Division with its intense and diverse experience has been serving major clients in Oil and Gas, Petrochemical, Energy, Utilities and other clients by successfully executing various Turnkey projects.

This Division is capable in providing Project Management, Engineering, Procurement, Execution Testing and Commissioning and Operation support in line with the latest Project Management practices, Risk assessment and Construction studies ensuring a safe execution, enhancing clients' operations, promoting revenue growth and increasing profitability. Improving contracting is a neglected phase to deliver various projects in the following fields:

- **Industrial Automation, RTU, Control Systems & Process Instrumentation**
- **LV and HV electrical substation**
- **HVAC and Fire Fighting Works**
- **Low current systems**  
( Public address, Building Management system, etc...)
- **Renewable Energy**
- **IT Data Centers**

# Turnkey Projects

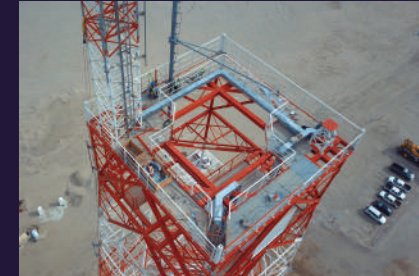
## Lab Systems

- King Abdullah University for Science & Technology (Aramco/KAUST)
- Jubail Export Refinery Project ( SATORP) – Jubail
- Khurasaniyah Project ( Aramco) – Khursaniyah
- Khurais Project ( Aramco) – Khurais
- Dammam University Research Center – Dammam
- YASREF MC5- Project (ABV ROCK Ltd) – Yanbu
- Natpet Schulman Specialty Plastic Compounds – Yanbu
- LUBEREF II Expansion Project ( ARAMCO ) – Yanbu
- IBN-SINA Expansion ( SABIC ) – Jubail
- Ma’aden Wa’ad Al Shamal Phosphate – Turaif
- Jazan Refinery Lab Project – Jazan



## Technology Solutions

- King Abdalla sports city
- King Salman energy park
- Marjan increment program – security facilities



## Process Automation & Measurements

- Supply, Installation, Commissioning of Main SCADA for King Salman Energy Park (SPARK) /Abqaiq
- Supply, Commissioning of RTU & PLC/Local SCADA for PWFS & IRR PS for King Salman Energy Park (SPARK) /Abqaiq
- Aramco EDRF Analyzers Package/ Eastern Province
- Marjan Package #6 Analyzer Project / Eastern Province
- Supply, Installation, Testing & Commissioning of Main SCADA Package - SPARK Ph1 / Abqaiq
- ABB GC Analyzer and Shelther Project / ARRAZI
- Supply, Testing & Commissioning of 114ea RTU Package - SPARK Ph1 / Abqaiq







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