

Petrochemical

WHY CHOOSE KINGS?

Electrical, Instrumentation & Controls.

Kings Energy Services has played a key role in a wide range of petrochemical, oil and gas, and heavy industry related projects.

OUR TEAM PROVIDES

- ➔ Estimating
- ➔ Planning
- ➔ Procurement
- ➔ Construction
- ➔ Commissioning
- ➔ Start Up
- ➔ Final Turnover

Services

- Professional in-house engineering design, drawings and other related services done at a fixed cost.
- Full control system, automation design and commissioning:
 - Shutdown key Control philosophy
 - Remote connectivity
 - Scada
 - IoT (Wireless monitoring and data collection)
- Pre-wiring and modular services
 - Electrical, heat trace, controls design and installation.
- Custom panel design and build
- Custom packaging for:
 - Power Distribution
 - Measurement
 - Generation
 - Motor control
 - Water filtration
 - Instrument air
- Purge panels
- Hazardous location panels
- Engineering and Design Services Including:
 - Fugitive emissions studies
 - Area class drawings
 - Control system design – SDK, control narrative, system optimization
 - Electrical load list
 - Instrument list and I/O List
 - Instrument selection and datasheets
 - Main service sizing and utility applications
 - Safety systems and controls upgrades
 - PLC system migrations and “end of life” upgrade planning
- Modularization:
 - E-Houses
 - Compressor packages
 - Pump buildings
 - Air compressors
 - Water treatment
 - Remote power
 - Off-Grid storage
 - Large grid tie renewable storage
 - Cryptocurrency mining
 - Data centres
 - Communications and Telecomm E-Houses
 - Prototype PoC and deployment