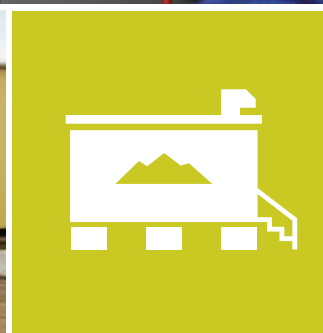




Be known by the company you choose.



Panels & Buildings



Panels & Buildings

Tundra Process Solutions provides custom engineered solutions including prefabricated panels, buildings and equipment.

In-house designers work with clients to design custom equipment to meet any specification. High quality and robust indoor/outdoor designs ensure long-life and product performance.

Why do so many of our clients choose Tundra?

Supplier of world-class and industry-leading products
Dedicated project managers allow Tundra customers one point of contact for instrument, valve, drive, motor, water, steam, pump and pipe requirements
Certified and factory trained personnel
Project pricing and extended warranty periods are available on all products

Installation, start-up and commissioning services
Product expediting
Proven ability to stay on budget
Rental and leasing agreements available for all equipment to assist with restricted budgets

... THAT'S WHY.

Tundra Service & Support

Tundra believes that service isn't just another thing. IT'S EVERYTHING.

Tundra's service department provides:

Long-term and short-term maintenance agreements
Same-day response
Certified factory trained technicians available on-call 24/7
Over \$5,000,000 in stocked parts inventory
Computerized inventory link system with over 6,000 additional parts ready for shipment

Emergency shipments available 24/7
Complete mobile service capabilities for industrial and commercial customers
Troubleshooting and diagnostic equipment and methods
Comprehensive safety program (C.O.R. Certified)



ELECTRIC SUBMERSIBLE PUMP (ESP)

Available voltages 230, 460, 575, 690 VAC
 Outdoor installations (NEMA Type 3R, 4, 4X)
 Indoor installations (NEMA Type 1, 3, 12)
 Compact design for reduced space requirements
 Reduces operating costs
 Reduces downtime
 Ability to start an ESP while motor is spinning
 Sequence-start for use on wells with stuck pumps
 Soft-start function
 Load-side, phase-to-phase, short-circuit protection
 Sine wave output filter standard
 Low harmonic option available

ESP Options

Prepackaged pad systems
 Indoor self-contained building
 Outdoor open grate skid mount



CUSTOM PANEL SOLUTIONS

Available voltages 230, 460, 575, 690 VAC
 Outdoor installations (NEMA Type 3R, 4, 4X)
 Indoor installations (NEMA Type 1, 3, 12)
 Low harmonic option available
 Custom panel sizes to suit any installation requirement
 Available as a standalone unit or a complete integrated package



LOW HARMONIC

Available voltages 230, 460, 575, 690 VAC
 Outdoor installations (NEMA Type 3R, 4, 4X)
 Indoor installations (NEMA Type 1, 3, 12)
 Limits total current harmonic distortion to 8% TDD (<6% typical at full load)
 The LH Series ASD meets current distortion limits outlined in IEEE Std 519-1992 "IEEE Recommended Practices and Requirements for Harmonic Control in Electrical Power Systems" based on an ISC/IL level of 20+
 Lower filter cost when compared with 12 and 18-pulse designs
 Decreased sensitivity to voltage imbalance when compared to 12 and 18-pulse designs
 Decreased sensitivity to line disturbances vs. Active Front End (AFE) drive-based filters
 Uninterrupted operation; the ASD will continue to operate in the event of a filter shutdown



RTU PANEL

Outdoor installations (NEMA Type 3R, 4, 4X)
 Indoor installations (NEMA Type 1, 3, 12)
 Custom panel sizes to suit any installation requirement
 Available as a standalone unit or a complete system package
 Flow computer, well-optimization and remote monitoring integration
 Certified to CAN/CSA STD C22.2 for use in Class-1, Division-2 hazardous locations



COMMUNICATION, CONTROLS & MARSHALLING PANELS

Outdoor installations (NEMA Type 3R, 4, 4X)
 Indoor installations (NEMA Type 1, 3, 12)
 Custom panel sizes to suit any installation requirement
 Available as a standalone unit or a complete system package



SCREW PUMP (PCP) & PUMP JACK (PJP)

Available voltages 230, 460, 575, 690 VAC
 Compact design for reduced space requirements
 Extends driven equipment life
 Outdoor installations (NEMA Type 3R, 4, 4X)
 Indoor installations (NEMA Type 1, 3, 12)
 Increases pump efficiency
 Dynamic braking resistor as a standard
 Reduces operating costs
 Maximizes total output
 Low harmonic option available



TURN-KEY BUILDING SOLUTIONS

Turn-Key Building Custom Design Packages include:

- Variable Speed Drive buildings
- Electrical Services buildings
- Electrical Switchgear buildings
- MCC/ARC Resistant Switchgear buildings
- Generator buildings
- Main Block Valve buildings
- Custom Hybrid Combination buildings

Tundra offers a full range of Turn-Key Buildings, Packages and Accessories including:

- Toshiba Adjustable Speed Drives
- HVAC systems including air handling and heat exchanger
- Electrical distribution and control
- Building services
- Design and procurement
- Construction and testing
- Single point for warranty and service

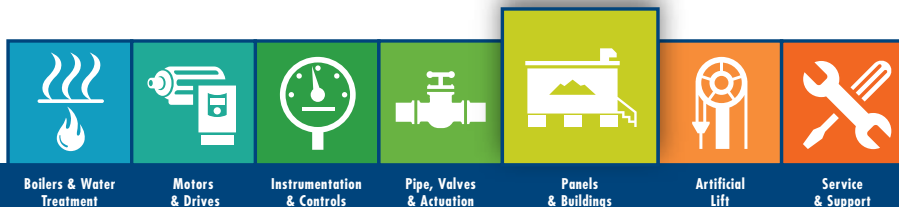
Project Execution & Management:

- Dedicated project manager through design, construction and delivery
- Project tracking
- Status reporting
- Weekly and bi-weekly project coordination meetings
- On-site construction management
- Management of change requests
- Risk management
- In-house document control
- Witness inspection and testing services
- Preservation and storage plans
- Certified factory trained technicians available 24/7



The Tundra Guarantee

Tundra offers a 100% satisfaction guarantee
on all products, parts and services.



Boilers & Water
Treatment

Motors
& Drives

Instrumentation
& Controls

Pipe, Valves
& Actuation

Panels
& Buildings

Artificial
Lift

Service
& Support

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