



audubon

Construction Solutions

Delivering start-to-finish construction projects with self-performed craft labor



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Who We Are

Comprehensive, flexible EPC solutions across industries



Audubon is a privately held engineering, procurement, construction (EPC), fabrication, consulting, and technical services organization that supports the renewables, power, utility, infrastructure, and oil and gas [markets](#). Clients trust our comprehensive, flexible approach in developing, installing, and managing new infrastructure projects, as well as optimizing and maintaining existing capital assets and operations—regardless of project size, scope, or complexity. From conceptualization through construction, commissioning, and maintenance, our expertise spans the entire project value chain.



Fueled by the latest technologies and digital transformation capabilities, our innovative solutions improve performance and reduce risk while considering safety, environmental, economic, and sustainability at every stage. As a result, we deliver the operational and technical excellence to meet our clients' evolving needs while creating long-lasting value in a changing world.

Construction Solutions

Self-performed craft labor | Project cohesion | Commitment to safety & quality

Audubon excels in direct-hire construction services across industries. Defined by self-performance, skilled craft labor, project cohesion, and the highest standards of safety and quality, our construction projects reflect the excellence and expertise that Audubon is well-known for.

The construction process at Audubon is driven by a strategic execution plan from project initiation to mobilization and installation to commissioning and startup. To maintain control over quality and outcomes, we prioritize self-performing key tasks and selectively subcontract specialized services aligned with project requirements and standards. Throughout each phase, we emphasize safety, effective resource management, and stringent quality control.

Our approach is collaborative and transparent, starting from the estimating and proposal stages all the way through execution. We coordinate closely with clients to ensure on-time, within-budget delivery.



Integrated EPC for exceptional project execution

Our strategy for EPC projects leverages the unmatched, diverse expertise within Audubon, resulting in cohesive project execution. Our [engineering](#), [fabrication](#), [construction](#), and [field](#) groups collaborate throughout each project to create seamless service delivery to our clients, from surveying and permitting to engineering and design to assembly and installation to startup and commissioning—all reinforced by a commitment to [safety](#), quality, and operational efficiency.

Quality Assurance

Exceeding project expectations

Integral to our operations are quality assurance and control. Audubon maintains the highest quality standards for every construction project, adhering not only to industry benchmarks such as site specifications, codes, [ASME standards](#), and OEM requirements, but also to our own in-house quality manual. On your construction site, we are not working just to meet requirements—each team member holds a commitment to quality for each project activity.

Audubon achieves superior quality with comprehensive, project-specific quality plans. Your project's detailed quality plan evolves for continuous improvement to ensure the highest-quality results at each step in the project life cycle.

- **Project team organization**
Dedicated quality manager and inspectors for oversight and consistency
- **Regular inspections**
Tests against predetermined standards of civil-concrete-steel-welding-pipe elements at critical phases
- **Project controls**
Planning, tracking, and managing costs and schedules
- **Document control & record retention**
Robust management, tracking, and audit system
- **Corrective actions & continuous improvement**
Initiation, management, cause determination, and lessons learned
- **Material storage & control**
Strict procedures that minimize damage and contamination risk

“Quality and safety are fundamental aspects of Audubon’s company culture. They are not confined to a single department or a set of procedures—they are commitments that permeate through all our business lines and functions. We strive to deliver projects that not only meet, but exceed, our clients’ expectations, so each project we undertake is a testament to our team’s dedication. We aren’t just building structures; we are building on the Audubon legacy of quality and safety in every project we handle.”

Josh Cusimano
President,
Audubon Construction Solutions

Safety

Zero incidents—every day

Audubon recognizes that people are our most valuable asset. The health and safety of our coworkers, clients, and communities are paramount to our business and our operations. We are committed to incident-free construction sites that comply with the most rigorous, most up-to-date standards. Safeguarding your site is driven by organizational leadership, performance monitoring and improvement, and an industry-leading safety program that is proactive, data-driven, and progressive.

Dynamic, multilayered management

Our safety management approach adapts to continuously improve workplace safety. It involves all levels of personnel—driven by leadership, committed to by management, and implemented by line management, with all levels of the organization held accountable for safety performance. All employees have the authority and obligation to stop any work believed unsafe to perform.

Across Audubon, formal training programs, incentive programs, hazard assessments, and workplace audits are conducted. Leveraging leading technologies, we gain real-time visibility into our safety performance and streamline processes for our daily operations.



Targeted performance metric tracking

Leading KPIs for incident prevention

- Regular safety training
- Routine audits & inspections
- Near-miss reporting
- Safety meetings & Toolbox Talks
- Peer-to-peer observations
- Stop-work authority
- Employee engagement & participation

Lagging KPIs for measuring effectiveness

- Total recordable incident rate
- Lost time injury rate
- Days away, restricted, or transferred rate
- Experience modification rating

Construction Capabilities

Meeting diverse industry needs with robust expertise



Deep foundations

Technical acumen backed by practical experience

Essential for the long-term stability and durability of large-scale construction projects, deep foundations require a specialized skillset for design, fabrication, and installation. To maintain consistent quality and deliver a solution tailored to your unique project, we prioritize use of our own equipment for deep foundation work.

- Optimized pile selection & design
- Analysis of pile response to dynamic loadings
- Full-scale [ASTM International](#) pile load testing
- Supply & installation: helical piles, driven piles, sheet piles
- Accurate field cutting & capping
- Pile layout & as-built surveying

Mechanical equipment

Technically sound installation for complex machines

Audubon assembles, installs, and maintains a wide range of mechanical equipment types, including rotating and static machinery and steam and gas turbines. Our heavy lift services ensure safe and exact machine handling. We also perform both prealignment and final alignment of equipment utilizing high-quality epoxy grouting. For mechanical equipment, our focus is on your operational requirements, technical specifications, and compliance with specific [API](#) and [ISO](#) machinery standards for design, materials, performance, testing, environment, and safety.

Piping

Long-term integrity across highly varied systems & environments

The wide variety of piping systems, materials, and environments poses challenges for installation. Audubon handles them with a combination of technical knowledge and construction experience.

- ASME-certified welding
- Material traceability
- Hydrostatic & pneumatic testing
- Nondestructive testing by specialized subcontractors
- Coating & insulation for cathodic protection & thermal efficiency
- Seamless tie-ins with minimal interruption

Civil construction

Detailed, systematic process for precise execution

Audubon's civil construction services succeed with systematic organization. We deliver solutions for traditional construction projects as well as specialty, extending to roadways, drainage sites, and cold-weather conditions. From clearing, grading, and grubbing to berm and brine pond creation to custom concrete mixing and finishing, we bring precision to your construction project—resulting in the highest level of structural integrity.

- Site preparation
- Excavation & backfill
- Foundation work for platforms, vessels, & equipment
- Concrete & rebar design & finishing
- Quality assurance testing for slump, strength, & compaction
- Finished grade





Structural steel

Meeting project requirements with strict standards

For structural steel services, we prioritize efficiency and alignment with industry-standard best practices. Our welding personnel are D1.1-certified by the [American Welding Society](#), ensuring standards adherence and reflecting our commitment to quality.

- Assembly & erection
- Equipment structures & pipe racks
- Vessel trim & support structures
- Steel buildings

Instrumentation, electrical, & controls

Hands-on expertise for high-performance facilities

Audubon's construction team applies a hands-on, highly expert strategy for instrumentation, electrical, and control services. Our work for these components is not just about installation; it's about understanding the intricacies of industrial facilities so that our services contribute to optimal operational performance.

Instrumentation

- Electric, pneumatic controls
- Calibration
- Tubing
- Analyzers

Electrical

- Medium- & low-voltage wiring
- Cable trays & conduits
- MCCs, switchgear, & transformers
- Power & lighting panels
- Heat-tracing systems
- Grounding, lighting, & lightning protection

Controls

- Loop checks
- Pre-/commissioning
- Control panels
- DCSs, PLCs

Maintenance

- Power & controls
- Electrical & pneumatic instrumentation
- Fiber optic & communication networks



Commissioning

Safe, organized facility startup

When it comes to getting your newly constructed facility or equipment up and running, our team has in-depth, in-house expertise in precommissioning and commissioning activities. With thorough documentation and seamless coordination with third-party vendors, Audubon ensures confident handover of systems, processes, and components.

Demolition

Well-planned, environmentally responsible destruction

At Audubon, we responsibly dismantle civil structures, piping systems, equipment, structural components, and I&E infrastructure. Each demolition project is meticulously planned around site requirements and complexities, rigorous safety protocols, and environmental protection strategies. Recognizing that every demolition project has unique challenges, we tailor the details of our phased process for your specific project, whether for selective demolition in sensitive environments or large-scale dismantling operations.

- Tagging & identification for salvage-recycle-dispose processing
- Responsible, efficient debris haul-off & management
- Detailed compliance & reporting for local-state-federal regulations

**Comprehensive
premobilization**

**Thorough site
preparation**

**Structured
execution**

Construction Service Commitment Reliable, high-quality solutions

At Audubon, our commitment to you is straightforward—to deliver projects that excel in safety, quality, and adherence to industry standards. Our team understands the importance in the construction industry to meet client expectations and complete projects on time and on budget. We strive to go a step further and exceed your expectations. Our construction solutions are built on a foundation of expertise and a clear understanding of client needs, so each project we undertake contributes to your success.



PEOPLE | FLEXIBILITY | RELATIONSHIPS | EXPERIENCE

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Professional engineering, survey, and construction services are offered and performed only in the states in which the Audubon entity offering those services maintains the required licensure.

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