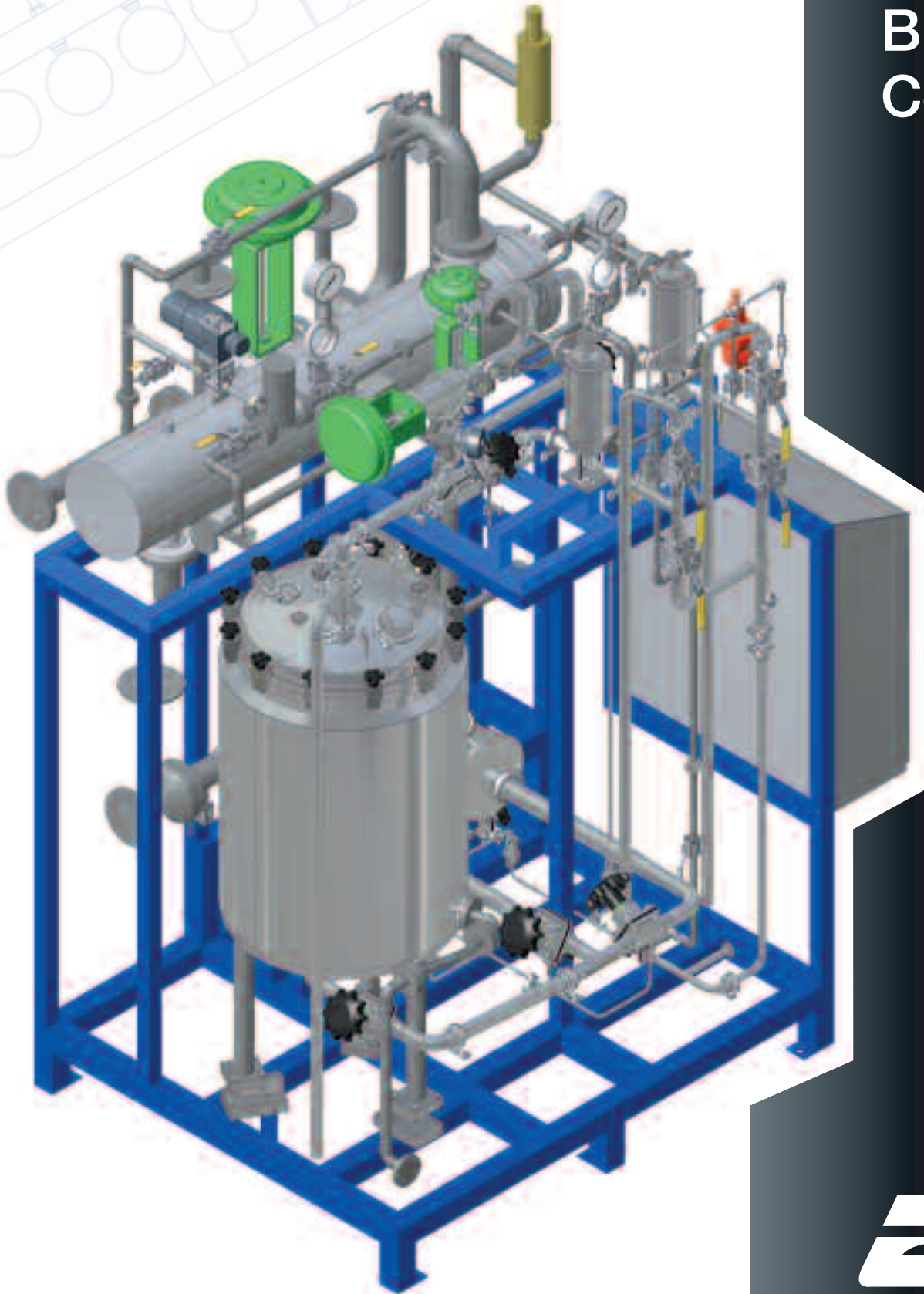


*The One Name To Know For
Modular Process Systems...*

**Allegheny
Bradford
Corporation**



Your ABC Project Management Team

When you choose ABC for your modular process system, we immediately assign you a lead project manager who assembles a team of experts from various disciplines including:

- **Engineering:** design, drafting, mechanical and electrical
- **Administration:** purchasing and material handling
- **Production:** welding, polishing, assembly, electrical and shipping
- **Quality Assurance:** mechanical, electrical, in-process and final
- **Documentation**
- **System Commissioning**



Your project manager supervises every phase of the project through these individuals, coordinating closely with your own team and documenting all communications and actions from start to finish.

Total Project Management: The Added Value With ABC

Allegheny Bradford Corporation

With more than 40 years of experience in the ultra-pure processing industry, Allegheny Bradford Corporation knows what it takes to make effective modular process systems for sanitary applications: expert project management. At ABC, total project management ensures the successful on-time and on-budget fabrication of your system as well as seamless validation and startup.

Our comprehensive project management approach is built around a relentless attention to detail, with full documentation every step of the way. Your ABC project manager supervises and verifies each procedure through a team of managers carefully selected for their expertise in all the individual disciplines required to design, fabricate,



test, install and commission your modular process system. We have also developed proven protocols to ensure seamless communication and tight customer coordination, so you always know what to expect. And as the premier manufacturer

of stainless steel components, we offer the flexibility to customize skids for any application, plus the quality control experience to meet the highest industry standards.

This exacting project management process, combined with our manufacturing expertise, allows ABC to deliver modular process systems of unsurpassed quality down to the smallest detail – with complete control from concept to completion.



Mapping Your Project's Success

The ABC turnkey approach to project management begins with assessing your specific application needs and space requirements. Our engineers use computerized 3-D modeling to design your skid to your specifications, your budget and your industry's regulations. Each system is fabricated from the highest quality materials and components, and finished to meet the most stringent standards.

All procedures for customer communication, change management, preventive action, welding, assembly, polishing, cleaning, mechanical and electrical check-out are thoroughly documented. The fabrication schedule is provided in a visual Gantt Chart format so that sequential and parallel operations are clearly delineated and dated. Client-approved, post-fabrication testing is performed and documented. In addition, our rigorous installation and operation qualification procedures ensure that all equipment performs as desired on-site.

Every step of the way, you receive updates, conference and call reports, and other detailed information. Throughout your project, our documentation team compiles all the required specifications, records, drawings, logs, inspections, certificates and manuals, then puts this material together in an indexed binder format for your future reference.

Comprehensive Testing And Documentation

ABC experts provide all the testing and certification demanded for sanitary processing on both individual parts and assembled modules.

Throughout the system design, approval, fabrication, completion and installation functions, you will receive full documentation materials and manuals which include the following items:

- Detailed Gantt Chart
- GA 3-D Drawings
- Detailed As-Built Fabrication Drawings
- P & ID
- Slope Verification Procedures & Reports
- Recommended Spare Parts Lists



- Equipment Data Sheets
- FAT Documents with Detailed Testing Information & Acceptance
- Weld Maps
- NIST Calibration Certifications for Instrumentation
- ISA Data Sheets for Instruments
- Electrical Wiring Diagrams (schematic & point-to-point)
- Wiring Loop Diagrams/Checks
- Panel Fabrication Drawings
- Hydrostatic Testing Certification



- Surface Finish Testing Certification
- Skid IQ/OQ Check Out
- Valve & Instrument List
- Manufacturer's Cut Sheets

Your modular process system is designed, fabricated and installed to meet all applicable regulatory and industry standards, including:

- ASME Code for Pressure Piping – B31.3 – Process Piping (current addendum)



As a leader in the manufacturing of modular process systems and components, you can trust Allegheny Bradford Corporation for the quality that ultra-pure applications demand – and the documentation to prove it.

For more information call us today at 800-542-0650 or visit our website at www.abccorporate.com.

- ASME B&PV Code Section VIII – Pressure Vessels (current addendum)
- ASME B&PV Code Section IX – Welding & Brazing Qualifications (current addendum)
- ANSI American Standard Institute
- FDA Guidelines
- ASTM American Society for Testing and Materials
- ASME BPE – 2002 (current addendum)
- GMP – Current Good Manufacturing Practices

Service To Enhance Your System

Our commitment to total project management doesn't end when your system is installed and operating. ABC provides responsive, expert service for years to come, including:

- On-site system installation
- Technical support & training
- On-site maintenance



ALLEGHENY BRADFORD CORPORATION



Skids include component equipment manufactured at our own facilities under strict project management control ensuring high quality, unsurpassed performance and excellent value.



Allegheny Bradford Corporation

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