

Statement of Capabilities

Airgas is known for engineering the right solutions for customers' specialty and industrial gas handling and distribution needs. Airgas provides equipment and service solutions to a wide variety of businesses in the process, manufacturing, pharmaceutical and research industries. Following is a brief description of Airgas services.

- Laboratory Gas System Design

With more than 20 years of gas system design and installation experience, Airgas provides facility gas distribution layout consulting and detailed design (material selection, tubing sizing, valve and other related equipment specifications). We also offer turnkey installations or installation support and project management. Following a risk-based central gas supply philosophy, we advocate removing all compressed gas cylinders from the laboratory workplace and relocating the cylinders to centralized controlled areas. Required gases are delivered to each point of use through an engineered piping network. Our risk-assessment approach helps streamline the design and allows available resources to minimize the impact of high-risk scenarios.

- Working With Architects and Engineers

Airgas offers many services to assist architect/engineering firms involved with specialty gas system design, including:

- Facility/laboratory gas distribution layout
- Risk-based central gas supply consulting and design

- Specialty gas equipment needs assessments
- Material selection – equipment and piping
- Detailed equipment specifications
- Equipment sizing
- Safety consulting and safety management review
- Engineering the Right Solutions

Airgas engineers specialize in designing, fabricating, and installing custom gas control and distribution systems. We'll help you define your needs and present you with the most effective and efficient solutions. Our systems are designed using the latest technologies, follow the latest codes and standards, and meet applicable regulatory requirements. We provide documented systems complete with operating procedures and maintenance recommendations. When designs are approved and finalized, we fabricate the systems and can also install the systems at your site. Typical systems include:

- Gas mixing systems – low- and high-flow
- Automated gas control systems
- High-pressure system designs
- Toxic and corrosive gas handling systems design