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CryoVation

Customised filling systems

Acquisitions and expansion

2000: CryoVation is founded by Ric Boyd and opens its first manufacturing plant in Maple Shade, NJ

2001: CryoVation purchases the assets of the former Woodland Cryogenics/Victor Gas Systems from Thermadyne

2003: CryoVation moves its headquarters to Fort Myers, Florida

2008: CryoVation expands to larger facilities in Hainesport, NJ

2009: CryoVation acquires Industrial Gas Systems and opens its Indianapolis Service Center to provide installation and repairs to the Midwestern region

2010: CryoVation opens a Western US medical sales division, starts a new division to produce gas and liquid transfer hoses, unveils several new products and celebrates its 10th anniversary

As Ric Boyd surveyed the fully-automated cylinder filling plant that CryoVation recently completed in the Northeastern US, he couldn't help but reflect back on a purchase order he received 10 years earlier.

That order was the first customer transaction for CryoVation, placed just two days after Boyd launched the company out of his New Jersey (NJ) home in July 2000. From that single, small box shipped to Singapore, CryoVation has evolved into a major player in the industrial, specialty, medical and beverage gas industries.

Today, CryoVation designs and manufactures complete fill plant systems and advanced cylinder filling equipment for compressed gas and cryogenic companies around the world. A pioneer in automated filling, the company now boasts multiple locations, a cadre of national and international distributors, a growing market share and a steady stream of new innovations. In fact, CryoVation has a lot to celebrate as it marks its 10th anniversary this month.

Experience, alliance and customisation are the keys to CryoVation's steadiness and growth. The sales and technical staffs, which include both of Boyd's sons, have more than 80 combined years in the industry. Boyd is a skilled design engineer with nearly 40 years experience, and is credited with helping to develop the industry's first commercial automated cylinder filling systems in 1983.

Each customer is viewed as a partner and each project as unique, whether it's a complete new fill plant, modernisation of existing systems, or a single piece of equipment like a customised control panel. The team assesses a customer's needs, recommends inventive solutions within time and budget constraints, then manufactures and installs the equipment and trains employees. In addition, the company offers ongoing technical support.

Expansion and new products

Always looking toward industry trends and future needs, CryoVation is launching several new products this year.

In February, it released a new industrial gas control panel, with the initial application controlling a hydrogen fill plant. CryoVation has also upgraded

its medical oxygen liquid-to-gas transfill system, finalised production of a new booster pump, and begun manufacturing the Sequell system for automated liquid CO₂ filling. Recently the company launched a new division to produce gas and liquid transfer hoses.

Training and safety compliance

Safety is so critical to CryoVation that it is included in the company mission statement.

CryoVation, in conjunction with Special Gas Services, was among the first manufacturers to offer critical training in specialty gas mixing and filling: its week-long institute has earned acclaim for a mix of classroom theory and hands-on laboratory training in all facets of analysis. CryoVation also offers FDA compliance training for the medical oxygen industry.

Special applications

One area for which CryoVation has earned industry recognition is the design & manufacture of equipment for special applications.

As an example, in 2008 CryoVation was retained by an international producer of high-tech mining systems needing manifolds to deploy gas cylinder packs that inflate rescue tents in underground mines. CryoVation met the customer's need and continues to manufacture manifolds for that use.

CryoVation also specialises in unattended control systems for laser gas, injection moulding and other end-user applications.

Future expansion

CryoVation is confident in the increased strengthening of the compressed gas industry, and is committed to developing technology-based equipment to help its customers conserve resources and improve production.

But it also recognises that even basic parts orders, like that first company transaction in 2000, are just as important as major equipment purchases. In that light, CryoVation will continue to expand all divisions of the company toward its ultimate goal: beneficial results for customers and their employees and families. □