SEEKING A CAREER?

HOW ABOUT A WELL-ESTABLISHED AND GROWING GLOBAL INDUSTRY WITH CUTTING-EDGE TECHNOLOGY AND INNOVATION PLUS JOB SECURITY AND EXCELLENT COMPENSATION

BECOME A PROFESSIONAL IN THE VALVE MANUFACTURING INDUSTRY
10 REASONS TO WORK IN THE VALVE INDUSTRY

1. HIGHLY COMPETITIVE SALARIES
2. A POSITIVE IMPACT ON THE ENVIRONMENT
3. DOMESTIC AND INTERNATIONAL TRAVEL AND NETWORKING
4. EXPOSURE TO INDUSTRY-LEADING COMPANIES
5. ONGOING PROFESSIONAL DEVELOPMENT
6. THE LATEST MANUFACTURING TECHNOLOGIES
7. MENTORSHIP EXPERIENCES
8. CHALLENGING PROJECTS AND PROGRAMS
9. RESEARCH AND DEVELOPMENT OPPORTUNITIES
10. DIVERSE CAREER OPPORTUNITIES

A BIT ABOUT THE INDUSTRIAL VALVE INDUSTRY*

- U.S. valve shipments are projected at $4.4 billion in 2015, having recovered from the recession and gone well beyond its previous high.
- Valve companies directly employ more than 30,000 people in the U.S. alone—and many thousands more in facilities around the world.
- Ninety percent of VMA member companies report they are not able to find enough qualified job applicants to fill open positions—and are actively seeking to hire a new generation of workers.

...AND SOME FACTS ABOUT MANUFACTURING

- In 2014, manufacturers contributed $2.09 trillion to the U.S. economy, equal to 12% of GDP.¹
- More than 12 million Americans—or 9% of the workforce—are employed directly in manufacturing.²
- In 2013, the average U.S. manufacturing worker earned $77,506 annually, including pay and benefits.³
- Manufacturers in the U.S. perform two thirds of all private-sector R&D in the nation, driving more innovation than any other sector.⁴

³ Bureau of Economic Analysis (2013).
⁴ National Science Foundation (2008).

“MANUFACTURING IS MORE THAN JUST PUTTING PARTS TOGETHER. IT’S COMING UP WITH IDEAS, TESTING PRINCIPLES AND PERFECTING THE ENGINEERING, AS WELL AS FINAL ASSEMBLY.”

— SIR JAMES DYSON, INVENTOR AND FUTURIST

VALVECAREERS.com
ENDLESS POSSIBILITIES AND OPPORTUNITIES
A career in the valve manufacturing industry is one of endless possibilities and opportunities. There will always be a need for products—and for people to produce those products. Manufacturers are key players in the global economy, providing quality products the world needs at competitive prices.

JUST WHAT IS AN INDUSTRIAL VALVE?
Industrial valves are devices that control the flow of a fluid by opening, closing or regulating. They can be small and fit in the palm of your hand, but they also can be really big, some so large that you can walk right through them! What’s more, they are essential components in our everyday lives: From their work in nuclear power plants to their role in generating solar energy, industrial valves keep the lights on and the water running.

YES, TECHIES, WE HAVE JOBS FOR YOU!
The manufacturing industry offers the opportunity to work with cutting-edge technology and to push the boundaries of science and innovation. The valve industry is constantly changing, adopting new production processes and manufacturing techniques to meet the level of quality expected by world-leading end users. One of the great challenges of the valve manufacturing industry is to turn innovative technology into market-ready products.

LEARN—AND GROW—WITH A LITTLE HELP FROM MENTORS
Mentorships and development programs are becoming more and more common as the manufacturing workforce ages. The potential for future skills shortages is motivating companies to offer training to improve the skills of existing workers and better integrate new employees. There is an immediate need for skilled workers if the industry is to continue its trajectory of growth.

FROM ENGINEERS TO WELDERS, AND MUCH MORE
While the manufacturing industry’s focus is production, a multitude of career options that support production can be a great fit for the young professional. Jobs like design, marketing, engineering, research and logistics provide competitive salaries along with professional challenges.

WE’RE INVESTED IN PROTECTING OUR ENVIRONMENT
The valve manufacturing industry plays a vital role in reducing harmful emissions by adhering to strict government standards. Valves are necessary devices in providing clean energy to the world’s population and producing low-emission power generation such as nuclear and hydroelectric. In addition, clean water and wastewater treatment would not be possible without well-designed valves, actuators and controls.
A Sampling of Careers in the Valve Manufacturing Industry:

- All types of engineers
  - Applications
  - Chemical
  - Computer
  - Electrical
  - Industrial
  - Mechanical
  - Metallurgical
- Accounting
- Actuator technician
- CNC operator/programmer
- Computer programmer
- Database manager
- Electrician
- Engineering technologist
- Field service repair technician
- Human resources manager
- Instrumentation technician
- Inventory specialist
- IT manager
- Lean manufacturing specialist
- Logistics manager
- Machinist
- Maintenance mechanic
- Marketing manager
- Materials manager
- Metallurgist
- Pipefitter
- PLC programmer
- Product manager
- Project manager
- Quality assurance and NDE specialist
- Safety manager
- Sales (inside and outside)
- Trainer
- Valve repair and testing
- Website content manager
- Welder

Where are valves used?

Wherever fluids need to be controlled—steam, gases and liquids

Get a Jump-Start on Your Career with VMA’s Valve Basics Course

The Valve Manufacturers Association (VMA) offers Valves, Actuators & Controls 101 and 201, created for newcomers to the industry. It’s a great fit for recent graduates, engineers in the early stages of their careers and new hires at valve companies. This multi-day course covers all the major valves, actuators and controls, as well as industry standards, repair issues and other key topics. As part of the course, VMA offers participation in our unique (and fun!) “Valve Petting Zoo.” Plus, a limited number of scholarships are available for qualified applicants who wish to attend the Valve Basics Seminar.

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