



SCV Valve: focused on the future

It is no secret that the oil & gas industry has suffered for the last few years as a result of energy market constraints and foreign influence. All facets of the energy business have been negatively impacted, forcing all related businesses to sharpen their skills, focus on efficiency and better customer service. Now, with a “business friendly” administration in Washington D. C. with goals aimed at relaxing many of the crippling industrial regulations, the market is poised for a very strong rebound.

SCV Valve manufactures twenty-one valve designs and is a go-to-source for valve solutions for almost every application. With a company culture that embraces quality, SCV Valve has grown to be a successful and reputable, privately-held valve manufacturer. Valve World spoke with Mr. Sid McCarra, President of SCV Valve, to discuss the industry, their new products and facility expansions.

By Sarah Bradley



extensively auditing all material and service suppliers before utilizing their services. We also maintain a continual inspection criteria for all levels of the manufacturing process, from design and engineering, birth of the steel, casting and forging approvals, finished machining, assembly, modifications, testing, and painting/coating. Our meticulous approach helps SCV Valve maintain a competitive advantage by offering the very best in quality and price.

What are some recent milestones for SCV Valve?

SCV Valve, in Texas, recently completed Phase I of our overall facility expansion. A 25,000 square foot manufacturing building was brought online in 2016, with 40-tons of lifting capacity and 36 ft. hook heights capable of handling large-bore thru conduit gate valve assembly and testing up to 42”.

We have broken ground on Phase II, a 13,000 square foot shipping and receiving pavilion, complete with 3 truck wells and a crane bridge. Phase III, will consist of a 20,000 square foot finished-inventory warehouse.



Moving 30” 600 Thru Conduit casting into position for assembly.



Assembling 36” 600 SCV Trunnion Mounted Ball Valve.

What is the central message that SCV Valve wants to convey to existing and prospective customers?

One of the key differentiators that drives SCV Valve’s continued success is our commitment to supply chain and quality control oversight. We utilize a “monitored” global supply chain network aimed at maintaining our competitive prices and deliveries.

In what ways does SCV Valve differ from other valve manufacturers?

A lot of manufacturers source materials globally, but SCV Valve takes supply chain partnerships a few steps further by



SCV Valve manufacturing facility in Santa Fe, TX.

What can customers expect from our facility expansion?

As we transition thru the phases of our facility expansion, customers can expect even better service from SCV Valve through greater manufacturing capacity and even faster order processing and delivery.

How does SCV Valve maintain such a diverse customer base?

SCV Valve’s ability to serve the upstream, midstream and downstream markets using the same approach to quality and delivery capacities has helped us capture market share during the increasingly competitive nature experienced during the recent energy downturn. Additionally, our extensive research and development commitment has resulted in numerous innovative and proprietary solutions throughout the market place enabling us to draw from and serve multiple sectors.

What new SCV Valve products are being offered and why are these additions important?

The patent pending SCV Valve API 6D 150# expanding gate valve has offered us avenues into markets and end user facilities given the unique design capacities and operational excellence of the valves. SCV Valve’s patent pending Rising Stem Ball Valve will allow us to capture our part of the specialty valve market. Several unique features have been engineered into this product that allow for smooth operation and inline-serviceability, including a retaining system for fast and easy seat changes.



Size: 6” – Class: 300 SCV API 6D Rising Stem Ball Valve.

Does SCV Valve offer any product that is unique to the industry or market?

Absolutely! One design specifically SCV Valve manufactures is the large-bore API 6A Thru Conduit Gate Valve in sizes 9”, 11”, 13-5/8” in pressure classes 2000, 3000, & 5000. This product is unique because so few manufacturers offer this configuration, therefore, competition is very limited.



Assembly of 16-3/4” – 5000 PSI SCV API 6A Thru Conduit Gate Valve (Expanding Gate Design).

Which SCV Valve product line is strongest?

SCV Valve’s midstream product line (API 6D trunnion mounted ball valves, thru conduit gate valves - slab and expanding gate, full port swing check and piston check valves, and lubricated plug valves) has always been our bestselling line. However, given the location of our facilities and distribution network, the upstream and downstream markets have offered avenues into comparable product lines that allow us to utilize our design capacities and manufacturing philosophies to provide the best products on the market for all segments.



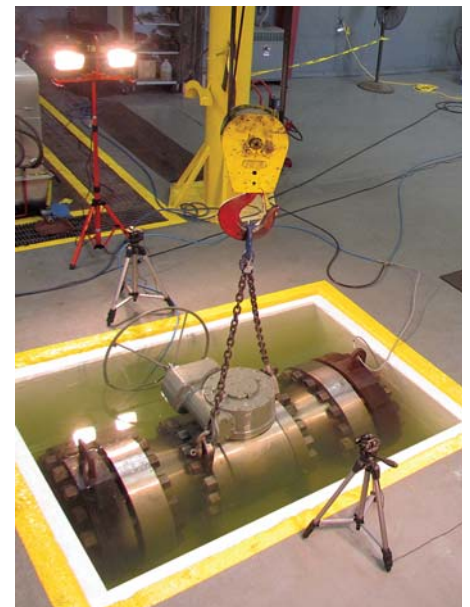
The SCV valve family: Piston Checks, Full Port Swing Checks, 3-Piece Trunnion Mounted Balls, Wedge Gates, Globes, Lubricated Plugs, Dual Plate Checks, Thru Conduit Gates, & Rising Stem Balls.

What type of valve modifications does SCV Valve offer?

SCV Valve performs, but is not limited, to pipe pup installations, stem extensions, check valve slam retarders and lock open devices, actuation adapter installations, bypass/ventilation system installations, and interior/exterior valve coatings. The market place sees us not only as a quality manufacturer of valves but also as a go-to-source for custom designs and problem solving solutions.

What type of valve testing capabilities does SCV Valve offer?

Our Texas facility offers standard hydro-testing on valves of all sizes and submerged nitrogen testing on valve sizes up to 42” Trunnion Mounted Ball Valves and 36” Thru Conduit Gate Valves. We also offer fugitive emissions testing as well.



Submerged Nitrogen Testing on 8” 1500 API 6D Trunnion Mounted Ball Valve.



Size: 8", Class: 900 SCV API 6D Thru Conduit Valve (Expanding Gate Design) modified with by-pass ventilation assembly, pipe pups, and twin bypass 2" – 1500 Thru Conduit Gates (Expanding Gate Designs) (flanged for testing).



Size: 22", Class: 600 SCV API 6D Full Port Swing Check modified with lock open device.

How does SCV Valve nurture existing relationships and focus on forging new ones?

SCV Valve continues to build and maintain strong relationships. Our business thrives on our ability to effectively serve our customers (distributors, reps, users, suppliers, associates, etc.). Additionally, we have grown our customer base by continually demonstrating our unwavering commitment to our core values.

How is SCV Valve able to provide quality products at a competitive price? How important is this for our clients and why?

Our global supply chain network is tried and true. We coordinate with our global supply partners to align synergies and mitigate deficits by continuously focusing on improving designs, production, service, and communication. Our Quality Assurance teams witness all levels of production, from receipt of the ingot to casting and forging inspections to finished machining, assembly, testing, painting and final preparation for delivery. SCV Valve believes that these processes enable us to achieve true alignment from our suppliers all the way to our customers.

How does SCV Valve meet deadline and delivery requirements?

Our carefully developed supply partnerships allow us to control production capacities. We maintain various components in specific manufacturing cues throughout our supply chain which allow us to react quickly as business demands. Additionally, we have designed our products to utilize interchangeable components based on size and class, which also aids in meeting crucial deadlines. For example, an 8" 600 Thru Conduit Gate Valve body can be used for both slab and expanding product lines by simply using different trim components, thus allowing us more flexibility with our component inventory.

How does maintaining a large inventory benefit our customers?

We maintain a large inventory of ready-to-ship valves and components to accommodate our customers' immediate needs. Inventory levels are adjusted based on market demands. This allows SCV Valve to remain flexible both in our forecasting and job processing. Our distribution business partners help us to maintain a pulse on the energy market, while our supply chain partners help us maintain a pulse on the commodities markets. Internally, we analyze this information to get the most complete real-time market profile possible. We continually work on being ahead of the curve rather than reacting to changes.

In what types of research does SCV Valve invest and why?

We invest in both product and process research. Our design team's goals are focused on efficiency, safety, innovation and cost savings. Prior to going to market, design meetings and protocol testing take place internally between multiple Subject Matter Experts. Our internal testing to

qualify designs exceeds those required by codes and standards. For example, high cycling counts as well as modified time, temperature and pressure parameters help us to prove items are fit for service and use in real world applications. As far as processes, SCV Valve believes there is always room for improvement. When possible, we look to utilize technology to help us make those improvements. One of our current projects being implemented is product barcoding. We intend to drive improved efficiencies in inventory, manufacturing, shipping and service related activities through our barcoding and tagging program. We remain committed to the development of meaningful intellectual property.

What is SCV Valve's forecast on the valve industry future and what role will we play?

We believe the energy industry in North America still has plenty of potential for growth in all areas where valves are used. We are hopeful that the new administration will drive American growth initiatives that will improve the lives of all citizens. The downturn offered SCV an opportunity to get leaner and forced us to focus on continual improvement in efficiency and quality. Our ability to participate in each market segment (upstream, midstream and downstream) will continue to be a key differentiator for the SCV Valve brand. With Houston, TX being the energy capital of the world, we have many existing and prospective customers in the region. Our geographic location provides easy access for those who wish to tour our facility. We will continue to invest in our facilities and people to ensure SCV Valve is one of the best valve manufacturers in the world.

Are there any current projects/orders in the works that you would like to highlight?

SCV Valve currently has multiple large-bore ball and gate valve projects in production. We continue to win market share by driving quick deliveries with competitive prices. We remain nimble enough to accommodate difficult-to-execute projects. For example, we are currently building a repeat special order of 30" Class 150 x 36" Class 300 flanged gate valves for use in a coke drum application. From our understanding, we were initially the only company to bid on one piece years ago. Since then, we have built 10 more and look at continuing to service that client in their special application need that no one else was willing to consider (or perhaps capable of manufacturing).