

Emerson Manufacturing Centre

Nilai, Malaysia





Imagine...

A company that understands your industry...
Measures value in terms of quality assurance...
An organisation where continuous training has real meaning...
Where the human spirit melds with passionate engineering to deliver innovation.

This is Emerson Process Management, we are your answer.

Introducing Emerson Process Management

Fisher® control valves is an established brand of Emerson Process Management. Emerson owns and operates world-class valve manufacturing plants around the world, one of which is in Nilai Malaysia. The centre in Nilai manufactures and assembles a wide variety of Fisher products for the Asia Pacific and Middle East markets. Fisher valves are used in various process industries in oil and gas, petrochemical, chemical, pharmaceutical, metals and mining, power, pulp and paper, and several others. With more than 125 years of valve manufacturing experience and a reputable brand name that stands for performance and reliability, customers can expect the best-in-class level of customer satisfaction and quality excellence from the manufacturing centre in Nilai.



Just a fraction of our 133,000 square feet of manufacturing floor space.



Putting the finishing touches on one of Fisher valves produced at our manufacturing centre in Nilai.



A Nilai staff member is smiling because he has just completed building 10 units of Fisher EWT large valves for one of the world's largest Liquefied Natural Gas plants in the Middle East.

We are committed to quality excellence, so you can have peace of mind

our competitive edge

Our Competitive Edge

Quality and reliability of our products lie at the heart of our manufacturing. Mention Fisher brand valves and the very image of incomparable, good quality products comes alive in the minds of those who know the brand. No matter where our manufacturing facilities are located, our products bear the same hallmarks of Fisher quality, tested and certified to global standards. This is reassuring news to all Emerson customers because they know that the quality of every Fisher product will never be compromised.

As the leading manufacturer in the world, we are accustomed to doing things differently. Our manufacturing centre in Nilai was designed for flexibility and scalability. Emerson Nilai produces made-to-order valve parts and manufactures customised valves to meet different product specifications. Self-sufficiency in parts production for an order fulfilment means that Nilai is capable of flexible and quick responses which help reduce processing lead times. Similarly, the ability to manufacture special valves is an exceptional testament to the high level of commitment, competence and skills sets of its equipment, place and people.

Valve manufacturing in Nilai is a labour of passion and thorough undertaking. What we do is the first of its kind in the industry: every valve comes with its own birth certificate. Customers know that they are buying a real Fisher product because every part of the product is laser marked to ensure authenticity of manufacture and traceability of supply sources. It also means that performance of the valve has met the required stringent specifications, both at the factory and international levels.



People

People are a critical asset for our success. With our skilled, competent and committed workforce, we are able to manufacture complex and special valves. Our customers should not expect anything less.

The manufacturing centre in Nilai has an effective team. Our technical community undergoes extensive rotational training in the United States, Japan and Singapore. This is to ensure that they are kept abreast of the latest technology and knowhow and to sharpen their skills regularly. Together they bring different expertise, experiences and unique solutions to meet the increasing challenges of today's world. In return, customers can expect the standards of all Emerson facilities to be consistent throughout the world, regardless of the location.



Process Improvement

As a major and responsible valve manufacturer, we consistently assure customers of the integrity of the products that are produced and marketed.



For us, we are clear about our commitment to quality excellence. Our level of commitment is demonstrated by a series of pro-quality, pro-customer measures that are implemented during the manufacturing process to create real and sustainable value for customers. Quality makes the difference is the slogan for Nilai quality.

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our people



LEAN Manufacturing

LEAN is a unique philosophy that is widely practised and embraced across the Emerson organisation. It is a series of process improvement and waste reduction activities aimed at increasing efficiencies and effectiveness while reducing resource, materials and time. These are carried out at the point of receiving an order, processing of the order, to documentation, inventory, right up to factory production. Every input and output are checked and monitored, in-process workflows are tracked and actions are reviewed for further improvements. Every step of the way. Even a simple act of changing the use of metal straps to plastic cordstraps to prevent the rusting of valves in outgoing shipments shows the extent of our dedication to continuous improvement.





Assembly and Testings

Understanding our customers' criteria for good performing valves is a top priority for the manufacturing centre in Nilai at all times. It's something we do not take lightly. Components and parts are centrally numbered and controlled for consistency, while technical drawings and production specifications are identical to factories in the U.S. and Europe. Every Fisher valve that leaves the Nilai factory undergoes the same rigorous and extensive testings and checks as those performed in other Emerson manufacturing centres. Failure to meet factory test standards will be mandatory cause for rejection of the product. Today, Nilai has achieved a high acceptance rate by customers in third party audits. Major companies, multinationals and Middle East customers accept Nilai-made products. This is a rare accomplishment by any manufacturer in the industry.

Customised Parts Production for Order Fulfillment

We make every effort to continually enhance our capabilities and improve our processes. The Nilai manufacturing centre goes the extra mile to produce customised in-country parts specifically to fulfill customers' orders. The ability to do this allows Nilai to respond to an order swiftly. There is also greater control over quality.



Vendor Qualification

The selection of suppliers is one of the important pillars in valve manufacturing. All Emerson vendors are subject to a comprehensive vendor qualification and a quality audit program that would have eliminated less than desirable suppliers in the process. Suppliers are checked on their systems and ability to conform in every key performance area. Material sources

from all vendors are investigated, verified and analysed for quality integrity, consistency and compliance to international standards. Third party inspections are conducted as are reviews, audits, and other forms of non-destructive material testings. Markings and codings of all materials give identification and traceability to supply sources.

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Customised Solutions

At Emerson Process Management, we understand customers have different needs. Our ability to cater to these special requirements is what we do best. The manufacturing centre in Nilai is capable of building Fisher valves according to engineered specifications or a one-off design. Our highly skilled engineers will exercise the exact same quality control standards you have come to depend on during the execution of design, development and production of these customised products. Emerson Nilai has a track record of building critical valves of any size, up to the largest of 24-inch.

Conclusion

Our broad-based quality assurance system, which encompasses some of the key areas described, and our unwavering commitment to excellence give you – our customers – complete peace of mind.



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