

# Valve World



## Jubilee Special 1989 – 2014

cover story

### Pentair Valves & Controls forge ahead

# Tycon Alloy Industries (H.K.) Co., Ltd.

Tycon Alloy Industries has built a strong reputation in providing cost-effective stainless steel casting solutions to our clients all over the world. Since 1995, Tycon has successfully logged over 10,000 different castings in a variety of applications with casting weight ranging from several hundred grams to more than 1,000 kg a piece. We take pride in being able to supply top quality products to our discerning customers who are themselves market leaders in their own industries.

Tycon is one of the leading stainless steel foundries in China both in terms of quality and capacity, as the capacity of the foundry is over 700 ton/month. The foundry is located in Shenzhen, China, covering a built up area of 35,500 sqm. During the past year, over millions of US dollars have been invested in casting hardware, machine tools, and information technology. We employ both investment casting (lost wax) and resin sand casting manufacturing processes.

The machining capability for production is enhanced through state-of-the-art Machining Shop, where imported 4-axis / 5-axis machine centres, high speed machining centres and other auxiliary



machines (for milling, boring, drilling and grinding) are found. The maximum casting that we could machine is up to 2.0 x 1.5M a piece.

Since its establishment, Tycon has been operated under stringent quality assurance system. It is accredited by Lloyd's Register Quality Assurance for ISO9001: 2000 and TÜV Rheinland Certification for PED 97/23/EC. To ensure the highest product quality for the fulfillment of the long term benefits of our customers, Tycon Alloy has been audited and became an approved foundry of leading international shipping registries including LRS, DNV, BV, ABS, NK, CCS, and KR, for our manufacturing process, testing facilities and associated procedures.



Tycon produces a variety of casting products, including stainless steel, carbon steel, duplex, specialized nickel alloy, and aluminum bronze etc., that are conformed to international standard such as ASTM, BS, DIN and JIS. The main applications for the castings produced are high integrity, pressure retaining items such as valves and pumps. These valve and pump components are used in the chemical, oil, gas, marine, food and medical industry.

Ease of communication and multi-lingual environment have been Tycon's tradition and we intend to reinforce this strength to make trading with Tycon a lot more easy to deal with.



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