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2016

HAPPY NEW YEAR

幸福如意 丙申年

❖❖❖ **ANODIZING** IN DATA DECODED AGE



Anodizing technology has been around over a century, and gradually ramified to an important downstream application in controlled metal oxidation and corrosion-resistance. It is an integrated technology involving multidisciplinary approaches. Standards on anodizing process and requirements on products have persistently been driven forward in response to technological advancement and market competition, which propels the step-up from manual operation to industrial automation.

In 2015, our company advanced major funding in a fully automated anodizing line powered by the DMS system. This system, operating as the “brain” for the production line, allows data collection and storage from multiple related sources to be managed and analyzed during the anodizing process. The system is capacitated to handle data in massive scale, rapid data flow, and to sort out multifarious genes of data.



The DMS system can also collect complete information from the PLC memory, analyze over data collected, and refresh data terminals in real-time. This enables in-line monitoring over production parameters: when deviation occurs on running data from preloaded parameters, the system will be alerted and set off the alarm. On the other hand, the DMS system offers the real-time editing function, which allows users to adjust parameters wherever necessary in order to accommodate the anodizing process for production consistency.

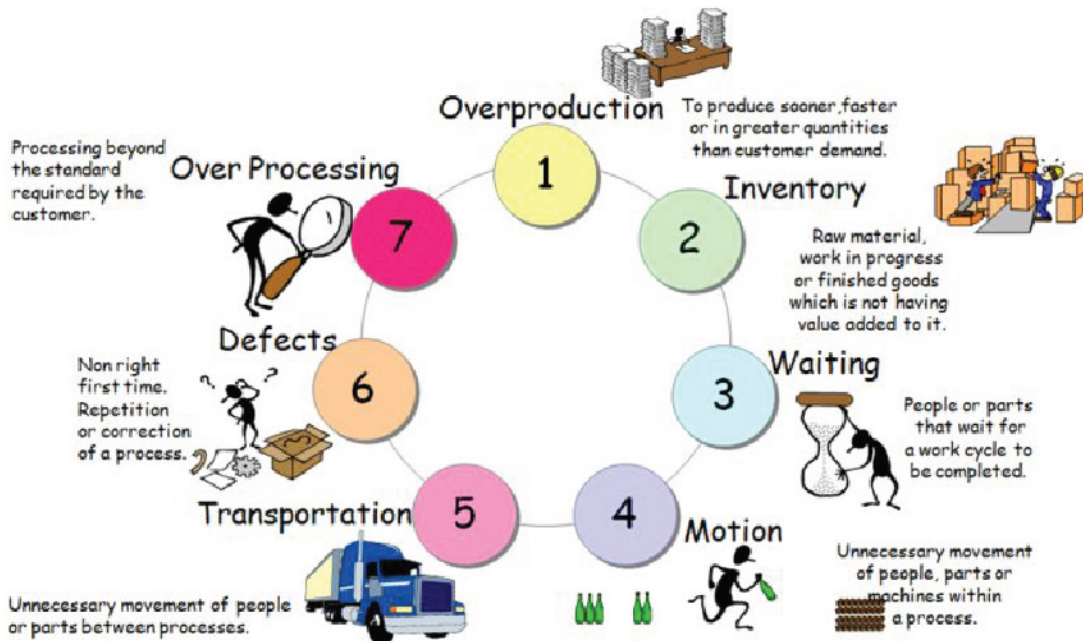
Our expertise in anodizing workmanship, now armoured with the DMS system, makes it possible for us to offer our customers with production of 20 different anodizing colours upto 3.8 metre in length at the same time.

❖ LEAN INSPIRED AND LEAN TRANSFORMED

The concept of Lean Production derives from Toyota Production System which was an outgrowth regulated by the post WWII Japanese automobile market characterized as “resource scarcity” and “products of big variety but small quantity”. Essentially, Lean is centered on economic efficiency, or in another word improving overall customer value by reduced waste, enhanced speed and better quality.

Lean production is the ultimate seeker of justification, high-efficiency and flexibility in production process. It is realized through “total elimination of waste”. Lean production considers that manufacturers have seven types of waste listed as following:

- ① Over production
- ② Inventory
- ③ Delay / Waiting
- ④ Unnecessary motion
- ⑤ Transportation
- ⑥ Producing defective product
- ⑦ Over processing

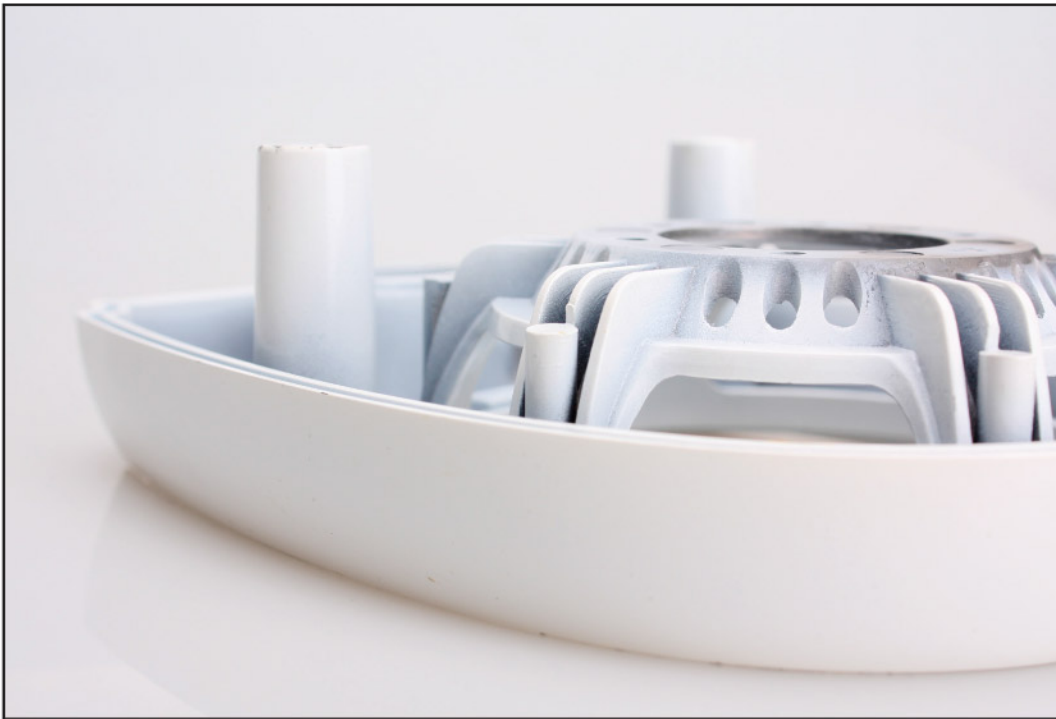


We have been consistently applying the doctrine of lean, mean and precision to our daily production and management practices, where we maintain the flow of work process and logistics in order, the exchange of information accurate and in a timely fashion, and the production workplace under orderly and controllable manner. This is a powerful kickoff for casting a lean manufacturer out of Victor.

❖❖❖ DIE TEMPERATURE

– KEY FACTOR FOR A QUALITY DIE CAST

Conventional quality emphasis in die casting manufacturing dwells on the control over dimensions and hardness but tends to turn a blind eye on the make-art of the surface. Our company is well-versed in that the tooling temperature is the key factor for product surface quality, and invested a series of tooling thermal control system for the assurance of products dimension consistency and immaculate surface quality.



The following are the advantages provided by the tooling thermal control system:

1. The delay of tooling cracking

The thermal control system warrants temperature consistency of the die tooling, which prevents spider-web cracking or tooling breakup from elevated temperature during mould injection, while at the same time helps a prolonged tooling life-cycle.

2. Prevention of parting line deformation affecting the appearance and specification of the finished part

During the casting process, heat-exchange takes place when molten aluminum flows into the dies, causing, at variance, surface expansion of the dies. Our thermal control system can effectively regulate the die temperature, allow the two-halves to meet nice and flat at the parting line, and eliminate parting line deformation, causing porosity defects.

3. An important role on surface quality, especially for thin-wall product

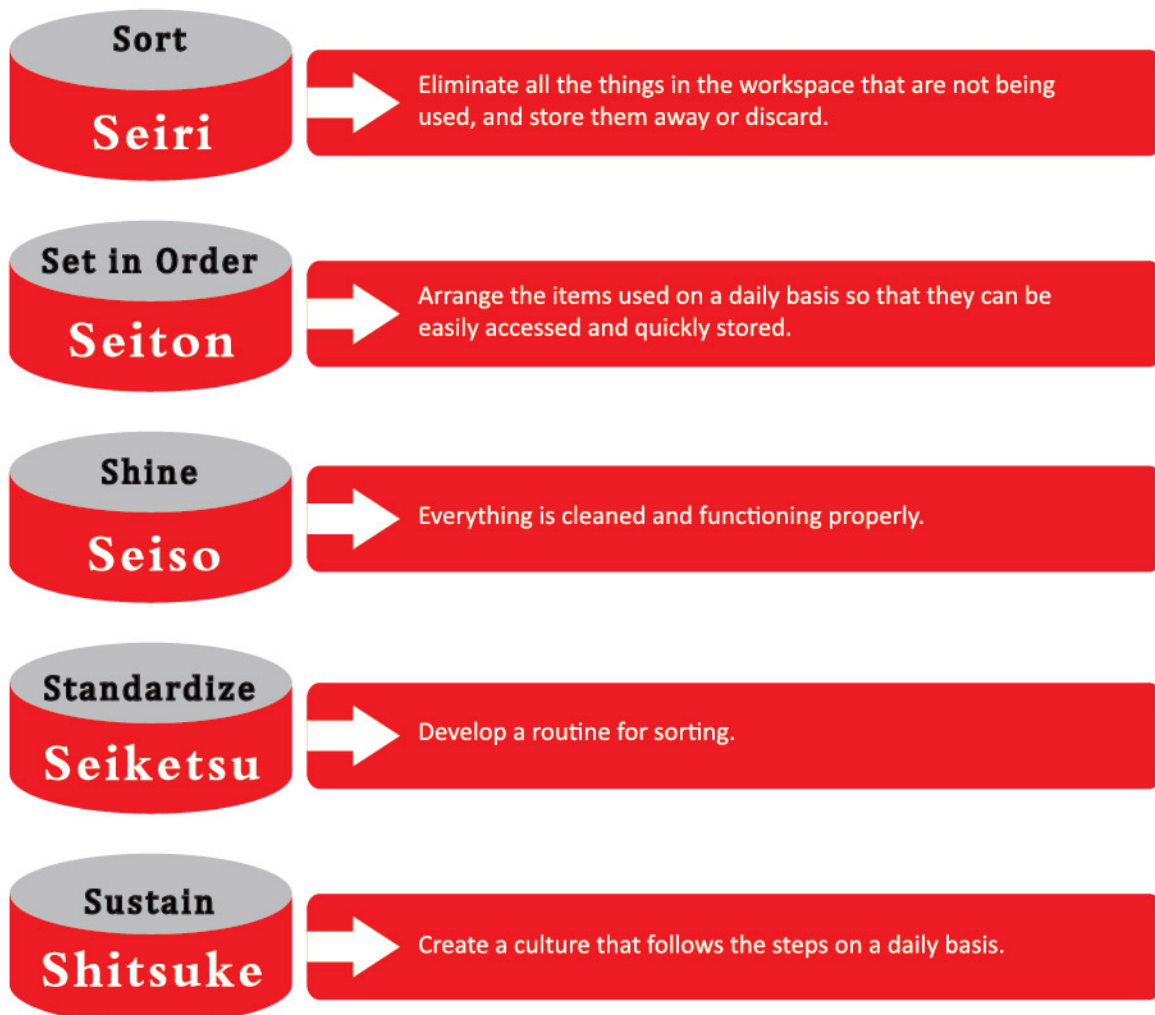
Our thermal control system manages the thermostatic temperature within the range of 220 – 280 degree Celsius to guard against defects such as flow lines or pores of the ejecting thin-wall part.

❖ 5S IN VICTOR

5S, as an advanced management system, plays a positive role in on-site maintenance, workplace safety, standardization and policy implementation, and staff improvement. This is the management philosophy that we, at Victor, strongly uphold and promote.



THE FIVE PILLARS OF 5S



We have adopted 5S system in our management through continuous and effective improvement, standardizing materials management, creating a clean environment, cultivating professionalism, and consistently improving the quality of the company in whole.



Happy Chinese New Year

Dear Sir/Madam,

Our operation will be closed
to celebrate the Spring Festival Holidays
Feb 04, 2016 - Feb 14, 2016

We would like to take this opportunity to say
THANK YOU

Together with you, we came from a long way in 2015
With your support and trust
It was a path destined to be and
A belief we hold still and firm

Together with you, we walk our way further in 2016
For our commitment to be an industrial benchmark
In China's Smart Manufacturing of
High-end Alum-Mag alloyed applications.

Our Warmest Wishes to you and your family
On this occasion of the Traditional Chinese New Year
A very Happy and Healthy Year of the Monkey!

Sincerely yours,
Guangdong Victor

