
Editors Script

Editing each issue of the KYB Technical Review introduces me to different technologies within the company. This work is stimulating and provides ample learning opportunities. While I am primarily involved in the technologies of my own business unit, I gain insight into the breadth and depth of KYB's technical capabilities by learning about the initiatives and innovations of other business units through the technical review. The technologies developed in the design, development, and manufacturing departments have their own histories, challenges, and the passion of the engineers involved. Each time I read the review, I discover something new. I hope this technical review provides readers with an opportunity to deepen their understanding of and interest in technology, and facilitates the exchange of technologies between people inside and outside the company.

(SUO)

The global situation is changing at a dizzying pace. In order to survive, companies are using innovative technologies and services to make people's lives more convenient and comfortable. In Japan, we are experiencing an abnormal state of affairs, with frequent reports of disaster-level heat waves and torrential rains that occur once every several decades. To prevent these disasters, promoting carbon neutrality initiatives to contribute to society is a fundamental corporate responsibility. Additionally, with reliable technology and a passion that surpasses this heat, we should provide technologies and products that ensure people's safety and comfort, thereby growing to become a company contributing to society. I hope the KYB Technical Review plays a role in this.

(KAMIYA)

The Great Buddha of Nara, standing 16 meters tall and weighing 380 tons, is the world's largest bronze casting. As someone involved in casting, I am deeply impressed by the marvelous work of our ancestors who created this enormous casting about 1,300 years ago. It took two years to complete the casting itself, and an additional five years to address issues such as shrinkage cavities and misruns. My mission is to establish a system that accurately identifies casting defects, takes appropriate measures, and maintains them. Once the cause is identified, addressing the issues is not so difficult. However, it is complicated to find the cause because castings are affected by the transformation process from solid to liquid to solid in various ways. If you can reproduce the defect phenomenon intentionally, the necessary countermeasures will become naturally apparent. I want young casting engineers to gain plenty of experience doing so.

(SUGIMURA)

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