# Quality Assurance: Trust and Safety

## **Quality Assurance Structure**

We supply reliable and safe products of superior quality to all customers and provide a complete quality assurance system with global considerations in mind.

THK has established a quality assurance system in which each production facility both in and outside of Japan is certified with the ISO 9001 Quality Management System. We provide a quality assurance system for the industrial machinery business that produces machine tools, semiconductor manufacturing equipment, medical devices, robots, and seismic isolation and damping systems. With this as our base, we obtain certifications in quality standards adapted for new fields such as the automotive and transportation business and the aerospace industry.

In addition, as the cooperation of our suppliers is critical to improving our product quality, we work to establish trusting relationships with our vendors and conduct quality audits in compliance with our quality management system in order to maintain and improve quality.

Furthermore, as part of managing our product development process, we review the solutions implemented for any issues during the planning, design, prototype, trial, and mass-production stages, and we work to manage the stability and maintenance of quality levels after mass production.

We have also established a system that allows quality data to be shared globally. In addition to gathering feedback from customers in each region, analyzing it, and providing rapid and appropriate service, we endeavor to develop products that meet market needs and improve quality.

#### **Quality System Overview**



#### **Quality Management System Certification Status**

(Facilities)

	ISO 9001	JIS Q 9100 Aerospace Industry	IATF 16949 Automotive Industry
Japan	11	1	4
Outside of Japan	13	-	7
Total	24	1	11

### **Quality Management Process**

- 1. Development and Design
- Pursue function, performance, and solutions
- Tribology
- Material technology
- Environmental contributions
- 2. Testing and Investigation
- Design review
- Mass production approval
- · Analysis and analytical ability
- 3. Purchasing. Production, and Inspection
- Pursue uniform quality all over the world
- · Establish process capability
- Production engineering ability
- 4. Providing Service and Gathering **Quality Data**
- Improve customer satisfaction
- 5. Analysis of Quality **Data and Feedback**
- Evaluate quality improvements and market needs

#### **Global Quality Assurance Structure**

