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## Taikisha Acquires BSI Kitemark Certification for BIM Under ISO 19650: Accelerating Digital Transformation and Global Collaboration in the Paint Finishing System Business

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Taikisha Ltd. (Head Office: Shinjuku-ku, Tokyo; Representative Director, President: Masashi Osada; hereinafter referred to as “Taikisha”) is pleased to announce that it has acquired BSI Kitemark certification for BIM<sup>\*1</sup> under ISO 19650-1 and ISO 19650-2, both of which are international information management standards for BIM,<sup>\*1</sup> for its Paint Finishing System Division projects. The certification demonstrates that the company’s information management system conforms to international standards related to project management using BIM.

This will enable Taikisha to achieve more sophisticated information-sharing and collaboration among the parties involved in its global-scale projects. It also contributes to the sustainable growth of the organization by improving the quality and operational efficiency of the design and construction processes as well as by accumulating and passing down expertise.



Certification granted by BSI Group Japan K.K., the Japanese subsidiary of the British Standards Institution (BSI).

(From left: Yukinori Hamanaka [Director, Executive Corporate Officer, and Chief General Manager of the Paint Finishing System Division, Taikisha], Masanori Nakagawa [Director, Executive Vice President Corporate Officer, and Chief Executive of the Corporate Planning Headquarters, Taikisha], and Masaki Urushihara [Managing Director, BSI Group Japan K.K.]

## ■ Comments from Yukinori Hamanaka (Director, Executive Corporate Officer, and Chief General Manager of the Paint Finishing System Division, Taikisha)

“To reduce the burden of introducing new production equipment, we have been promoting digital twins by coordinating with the data held by our customers. We will use this certification as a jumping-off point to connect, in digital spaces, with our customers, overseas business bases, and subcontractors in every part of the world, regardless of geographical distance. This will help improve operational efficiency for all stakeholders.”

## ■ ISO 19650

ISO 19650 is an international standard for information management throughout the life cycles of assets built using BIM. It is evident that mature BIM is in place if it can be proved that all principles and high-level requirements equivalent to BIM Level 2\*2 have been introduced and that compliance with these requirements is ensured.

\*1: BIM stands for Building Information Modeling. It is an information management method that supports all the processes of design, construction, and operation by creating 3D building shape information on a computer and adding information on building attributes, such as the specifications and performance of each part; the names, purposes, and finishing of rooms; and cost information.

\*2: Since April 2016, the U.K. government has required construction suppliers that bid on central procurement government projects, including buildings and infrastructure, to work in compliance with BIM Level 2. The U.K. has established a BIM maturity system consisting of Level 0 through Level 3.

## ■ The characteristics of the Paint Finishing System Business and the background behind certification

Taikisha's Paint Finishing System Division has more than 50 years of experience in the automotive industry, a field that demands the highest level of quality in painting. It operates as a world-leading, fully turnkey supplier that provides integrated services including design, manufacture, start-up, and maintenance of production equipment. For auto body painting specifically, Taikisha's strength lies in its overall capability to provide comprehensive services, including process technologies like pretreatment, electrodeposition, and booth and oven technologies, as well as the automation of painting, inspections, and grinding, product transfer technologies, and environmental technologies like exhaust and wastewater treatment.

Given this, Taikisha has been proactively introducing digital technologies like the Internet of Things (IoT) and BIM since FY2023, with a focus on improving its operational efficiency, quality, and competitiveness by promoting global collaboration and work sharing. However, in order to pursue more reliable digitalized projects, it is essential to establish an information management system that complies with international standards and can operate in coordination not only with the company's internal digital transformation but also with information-sharing with clients, designers, subcontractors, and all other stakeholders

involved in projects both in Japan and overseas. All of these factors contributed to Taikisha's decision to acquire the certification.

### ■ Future challenges

The acquisition of this certification will mean a great deal for Taikisha's Paint Finishing System Business in terms of further sophisticating project management on a global scale. By enhancing the accuracy and speed of information-sharing and consensus-building among stakeholders, the company will be able to promote projects more sustainably and efficiently, which will result in consistent quality improvement from design to construction and operation. It will also make it possible for Taikisha to use BIM to transform the expertise and skills that have accumulated on an individual basis into formalized knowledge. This will support the transfer of knowledge to future generations and contribute to enhancing overall.

**Contact for inquiries from the media regarding the news release:**

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