

Compliant with ISO/ASTM 52920, quality assurance standard for AM manufacturing

28 July 2023

TÜV SÜD issued the first AM Manufacturing Site Certification in Japan to Nabtesco

Tokyo. TÜV SÜD, a globally acclaimed safety and quality expert issued the first AM Manufacturing Site Certification in Japan to Nabtesco Corporation (Headquarter: Tokyo, Japan, Representative Director, President & CEO: Kazumasa Kimura). The AM Manufacturing Site Certification certifies compliance with international standards, particularly ISO/ASTM 52920, the quality assurance standard for AM manufacturing.

Additive Manufacturing (3D printing, AM) is a technology that enables efficient manufacturing of high value-added products and small-lot, high-mix products. It is also known as a sustainable manufacturing technology because of its potential to reduce the carbon footprint of a product over its entire life cycle. Furthermore, the official publication of the international standard ISO/ASTM 52920:2023 on June 29, 2023, which specifies requirements for AM manufacturing processes and manufacturing sites, is expected to accelerate the growth of the AM product market.

We are pleased to announce that TÜV SÜD issued an AM Manufacturing Site Certification which is compliant with ISO/ASTM 52920, to PBF-LB/M (Laser-based powder bed fusion of metals) AM manufacturing process of Nabtesco Corporation, a leading company of mechanical components. Nabtesco is the first company in Japan which AM Manufacturing Site Certification was issued. AM Manufacturing Site Certification provides objective proof to purchasers of AM products that the system and its operational capability to consistently manufacture products that meet customer quality requirements are in compliance with the requirements of the ISO/ASTM 52920 international standard.

As an expert in AM, TÜV SÜD Japan will continue to contribute to the spread of AM products in Japan through AM manufacturing site certification and personnel training*.

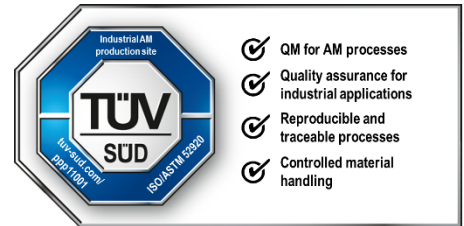


Photo caption: Andrea Coscia (Managing Director of TÜV SÜD Japan, left); Kazumasa Kimura (Representative Director, President & CEO, right)

*AM E-learning courses by TÜV SÜD Japan will be provided through Japanese Society of Additive Manufacturing (JSAM):
https://jsam.or.jp/education/e_learning/

About the AM Manufacturing Site Certification

AM manufacturing site certification is an audit and certification service that certifies compliance of AM manufacturing processes and manufacturing sites with ISO/ASTM 52920 and other international standards as a third-party certification body. Following the official publication of the international standard ISO/ASTM 52920:2023, we have begun offering this service in earnest as a solution to quality assurance issues in the dissemination of AM products. AM manufacturing site certification implementation technical meetings are also available as needed to assist with certification preparation activities. Upon successful completion of the audit, the AM manufacturing site certificate and certification mark will be issued by the third-party certification body, TÜV SÜD.



Click here for service details

<https://www.tuvsud.com/ja-jp/industries/manufacturing/machinery-and-robotics/additive-manufacturing>

Media Relations:

TÜV SÜD Japan
Marketing Department
Contact: www.tuvsud.com/ja-jp
160-0023 Nishi-Shinjuku, Shinjuku-ku, Tokyo 4-33-4
Sumitomo Realty & Development Nishi-Shinjuku Building No. 4 8F

Founded in 1866 as a steam boiler inspection association, the TÜV SÜD Group has evolved into a global enterprise. More than 26,000 employees work at over 1,000 locations in about 50 countries to continually improve technology, systems and expertise. They contribute significantly to making technical innovations such as Industry 4.0, autonomous driving and renewable energy safe and reliable. www.tuvsud.com