

Introduction of national project related to the modular quality system of Smart Factory

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Abstract

Korea is one of the countries that are actively interested in supplying and building smart factories in the era of the 4th industrial revolution. Therefore, many national-led smart factory introduction and supply projects are underway in an attempt to invigorate the industrial base in Korea. This paper introduces the national task of "Development of Quality Evaluation and Certification Scheme on Modular in Smart Factory" which is representative one of the many national projects. We expect that this paper will be a reference case study for other countries in the future.

In this paper, we present the status of the domestic industry in the smart factory test certification service and we also analyze the importance and issues of major test certification services. Next, we will consider the role of the project according to the issue, and finally discuss the expected effect and future prospects of this project.

References

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Biography

Giyeon Gim received the B.S. and Ph.D. degrees in electrical and electronic engineering from Yonsei Univ., Seoul, South Korea, in 2008 and 2016, respectively. From 2015 to 2017, he was a Senior Research Engineer with the Avionics Group, Korean Air Research and Development Center, Daejeon, South Korea. He has been an Assistant Research Engineer with the Korea Testing Laboratory, Seoul, South Korea, since 2017. His research interests include wireless communications and its certification procedure.