CID 17

“Proposal to make proper definition for Flexible factory in the introduction. Then it can be used ion the purpose section.”

CID 20

The following then needs to be captured as part of the definition for "Flexible Factory": "based on time critical requirements for integrated wired and wireless connectivity within the factory environment."

<Definition of Flexible Factory>

Flexible Factory is defined as evolving manufacturing sites for flexible production process to manufacture on-demand variable product types and variable production volume. It requires to link human and things such as materials, parts, old and new machines, with data for visualization and analysis leading to improved productivity and creating a new added value in the manufacturing domain.

*{to insert the following in a separate paragraph after the definition}*

For the purpose of enabling Flexible Factory, communication network in factory, which is discussed in subsequent section of this report, should 1) accommodate various devices, equipment and systems with different communication requirements including data delivery time, 2) seamlessly integrate wired and wireless connectivity, and 3) handle data not only to control equipment for automation but also to exchange information among workers and machines for quality supervision, factory resource management, display, human safety, etc.

#Comment from proposer: The proposed text has been prepared to differentiate Flexible Factory from Industrial Automation (especially in 3)