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Value engineering activity

Yasunori Ota

Value Engineering Trainer, Japan

This presentation introduces two specific approaches regarding the Value Engineering (VE) method - benchmarking VE and drawing VE. I have been concerned about how to come up with good ideas effectively. I have used various methods by trial and error in idea generation sessions. By doing so, I noticed two methods proved to be effective. One is benchmarking VE. It is used at the early development stage in order to coordinate the relationship between function and parts. Further, by applying this method to your competitors function and parts, you are able to ascertain the strengths and weaknesses of your company and you can think good idea from comparison contents. The other is drawing VE. It can be used before, during, and after production. Specifically, it re-examines the role of the instructions in the drawing (materials, dimensional tolerance, function of thickness, thickness of the board, post-processing). And you can think cost reduction idea from re-examines the role of the instructions in the drawing. Based on this, the method allows you to develop new solutions. I share these methods with other VE practitioners around the world in order to contribute to the promotion of VE.

Biography

Yasunori Ota is a value Engineering Trainer and has been practicing VE since 10 years. In relation to cost planning in particular, he took initiative in increasing profitability by coordinating target value in the procurement, design, and production technology departments, providing a list of items for cost reduction, and managing their progress.

chakachaka329@gmail.com

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