

CURRENT STATE EVALUATION OF A PRODUCTION SYSTEM WITH HELP OF VALUE STREAM MAP

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Value stream mapping is a paper and pencil tool that helps you to see and understand the flow of material and information as a product or service makes its way through the value stream. The power of value stream mapping lies in walking the plant floor, talking to workers, and closely observing how a product is actually made from start to finish. A value stream involves all the steps in a process, both value added and non value added, required to complete a product or service from beginning to end. In the framework of this article will be made a presentation the Value Stream Map and the stages necessary to evaluation of a production system with this instrument.

Value stream mapping is a Lean process-mapping method for understanding the sequence of activities and information flows used to produce a product or deliver a service. Lean practitioners use value stream mapping to:

- Identify major sources of non-value added time in a value stream:
- Envision a less wasteful future state; and
- Develop an implementation plan for future Lean activities.

The value stream map is an important instrument for Lean Manufacturing device because:

- It allows us to see more than a simple process,
- It helps not only to identify the losses but also to find the sources that produced them
- It creates a common way of thinking and speaking about processes
- The improvement decisions taken with the help of VSM are based on actual (concrete) information not on uncertainty (doubt)
- It allows us to see the current processes with all the faults and is shows us the improvement plan
- It shows us the connection between information and the processes accomplishment.

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