

MANUFACTURE OPTIMISATION WITH THE CRIATION OF THE METHOD QUALITY EXECUTION SYSTEMS: FUSION OF THE SYSTEMS SCADA, E.R.P AND M.E.S AND USE OF BASIC QUALITY TOOLS

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Abstract

Most manufacturing companies have systems that are able to assist in the decision taking in the whole strategic scale. The system operation is valid when there's direct action on the problem resolution. Efficient systems that reproduce a manufacturing operation structure productive indicators or integrate different areas of the productive sector that can develop process improvement when analyzed in a whole, all together. Quality tools can assist decision taking from the resources generated through this information integration. This paper carries a proposal of creating a new methodology that absorbs the integration information of SCADA, MES and E.R.P systems, transforming the strategic decisions in production optimization through some basic quality tools.

Keywords: Quality tools, M.E.S., SCADA, E.R.P., Optimisation