Abstract:
During all phases in the product life cycle quality is a key influencing factor. The earlier a high quality level reached during the product lifecycle, the lower the amount of quality deviations, required changes, and the occurrence of non-conformance costs throughout mass production. Already in the prototype phase, an efficient and effective quality control loop is an important enabler for achieving a high level of product quality. This includes a quality process and specified interfaces to product development, production planning and overall quality management. Presenting an approach for the development of such a quality control loop including interfaces to associated processes in product development, production planning and quality management as well as a first examination of affected process parts in production planning is subject of this paper.

Stichworte:
Product quality, manufacturing resources, product lifecycle, prototype phase, quality control loop, ramp-up, reconfiguration

Kongress- / Buchtitel:
Product Lifecycle Management for Society: 10th IFIP WG 5.1 International Conference, PLM 2013, Nantes, France, July 8-10, 2013, Proceedings

Jahr:
2013

Seiten:
2013

Occurences:
- Kollektionen > SFB 768 / Zyklenmanagement von Innovationsprozessen > Publikationen