

Optimization of the Project Management Standards at STILES Machinery Inc.

Degree programme : Bachelor of Science in Holztechnik

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Project management is crucial for both internal and external projects in organizations. Whether using classic, agile, or hybrid methods, the primary goals are to meet project objectives and maintain consistent quality. Customizing standard processes to customer needs and regularly review and adjust them, along with their associated templates and documents, is essential.

The Importance of Project Management Standards

This thesis focuses on optimizing the classical project management standards of Stiles Machinery Inc., an American one-stop-shop for modern machines and transport systems. The basic concept of the newly incorporated project management procedure was designed by the German parent company Homag AG. To identify additional enhancement opportunities, a project analysis was conducted, including interviews with key project stakeholders. Their insights were integrated into the revamped process to drive further improvements.

The core of the newly designed standard procedure is the “Application Matrix”, which provides a clear overview of the individual process steps. This matrix enables better classification of projects, allowing for a shortened and cost-saving procedure depending on the project’s classification.

In addition to introducing a new project management process and the Application Matrix, this thesis focuses on optimizing and expanding the associated documents and templates used in the project management process. The new templates include optimized Stiles documents and adapted Homag documents, tailored to the needs of the Stiles Machinery Inc. and the American market. In summary, this work results in a standard process model for project managers including associated templates, enhancing efficiency and effectiveness in project management.



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Kanban Warehouse of the Analyzed Customer Project (own figure)