

ABSTRACT

Rumah Batik Komar is an individual company that focus on products made from batik. Types of Batik that produce by Rumah Batik Komar are “batik tulis” and “batik cap”. In the production process, the fabric which has been given a wax motif will be colored by dipped into a bath containing a liquid dye. Batik dyeing using shaken mechanism in the study previously, but after test with RULA, the value is 6 which means it require further investigation and change immediately.

In the study, titled “Perancangan Spesifikasi Meja Pencelupan Pada Workstation Pewarnaan Rumah Batik Komar Menggunakan Tahapan Proses Pengembangan Ulrich Eppinger” obtained the target specifications and selected products concepts that can solve the problems caused by the existing tools design. From targets and concepts that have been determined, a further research is required in order to detail design that has been targeted tool of the concept can be made into a tool that can reduce awkward postures of existing design measured using RULA scoring.

Using a common engine design planning stages, there are requirements identification stage, mechanisms stage, force analysis stage, material selection stage, design elements stage, modification stage, detail drawings and production. Outcomes in this study are detailed design of the size and the material used from the target specification and tool concept selected is a circle frame form in order to a perfect die process and does not damage the batik fabric pattern effected by broken wax.

Keywords : *Product Design, Detail Design , Dyeing Fabric, Batik*