

ABSTRACT

PK Roni Kayu Kusen is one of the MSMEs (Micro, Small and Medium Enterprises) engaged in the furniture industry, namely wood processing to produce window or door frames. Based on initial observations, the condition of the work area in the production process has not been controlled, characterized by many piles of sawdust and wood waste that can cause the risk of work accidents. Based on Hazard Identification, Risk Analysis and Determining Control (HIRADC), the shaving process is an area that has the potential to cause the risk of work accidents so that the work area in the shaving process needs further control efforts.

This study aims to provide a proposal for controlling the wood shaving process using the 5S method, namely Seiri, Seiton, Seiso, Seiketsu and Shitsuke to make the work area more controllable so as to reduce the potential risk of work accidents. This research was conducted by identifying the actual conditions of the shaving area, analyzing using the 5S principles, and preparing a 5S activity proposal.

The result of this research is a proposal for controlling 5S activities which includes providing tools, providing PPE, and creating visual control. In addition, a Work Instruction (IK) for the shaving process and work rules for workers was prepared, which is expected to help PK Roni UMKM in creating a more controlled, neat and organized work area so as to minimize the incidence of work accidents.

Keywords: Control, Wood Shavings, Work Safety, 5S Method, Work Instruction.