

ABSTRACT

In improving quality, the company can refer to ISO 9001: 2015 as an international standard on quality management. In improving the quality, one that must be considered is the company's risk management, as specified in ISO 9001: 2015 clause 6.1 of the action to address the risks and opportunities. CV. Bearpath is a company engaged in the manufacture of mountain shoes, which there are many things that often inhibit CV. Bearpath in producing mountain shoes. This is because CV. Bearpath in the production process has not considered the risks in each of its activities. Based on ISO 9001: 2015 clause 6.1 CV. Bearpath should consider the risks of doing mountain shoe production, in order to minimize and mitigate the impact of these risks, as well as to determine in advance mitigation measures. Therefore the purpose of this study is to carry out a risk assessment based on ISO 31000: 2018 in the mountain shoe production process at CV. Bearpath. The data used in this study of the existing condition of the company, the data of internal issues and external issues, and the requirements of ISO 9001: 2015 clause 6.1. Existing condition data and requirements of ISO 9001: 2015 clause 6.1 are used to analyze the gap, the results of gap analysis are proposed improvements to meet the requirements of ISO 9001: 2015. While the internal and external issues of data used as inputs of the risk assessment, including risk assessment stages perform risk identification, risk analysis, risk evaluation, and treatment of risks. The results of the risk assessment in the form of risk registers, based on the risk register were obtained 4 risk of having a medium level and high level, 4 risks that require handling action will be given planning treatment the risk of planning mitigation and planning kontingensinya, but that risk has a high level will to design treatment risks. In this study, the risk that will be designed for treatment is late material purchases that have a high risk level This design will produce a Material Purchasing SOP that has considered the risks and results of the gap analysis. SOP designed contains the purpose of the SOP is made, the input and output of the SOP, the usefulness of the SOP, the scope, responsibilities, process descriptions on procedures for checking the material

and a description of the process at the point of purchase materials, and has considered the risk register and the results of the analysis gap.

Keywords: ISO 9001: 2015, Production, ISO 31000: 2018, Risk Assessment, Risk Register, Treatment.