

ABSTRACT

CV XYZ is a company that produces Bandung specialty food. It has 32 types of product, one of them being originalsteamed brownies. In the production process, there are various potential risks event can occur. CV XYZ has not implemented risk management. With this research, it aims to provide a risk management system proposal for the production process of originalsteamed brownies.

The data used as input in this study are conditions that have the potential risk of internal and external issues, product production processes, and risk assessment criteria. The actual situation is compared to the requirements of ISO 9001: 2015 so that a gap can be obtained. The data is processed to carry out a risk assessment and provide risk treatment proposals following the requirements of ISO 31000: 2018. The output of this study is to provide a risk treatment proposal for the process of producing originalsteamed brownies.

Based on the results of the risk assessment there are 9 risks with low, medium and high levels. The proposed risk treatment provided in this study consists of a mitigation plan and a contingency plan that is recorded in the risk register. The proposed mitigation plan is to conduct a briefing before starting the work, supervise the work, provide an alloy in the form of a safety sign containing mandatory activities, and create a safe and comfortable work environment. The proposed contingency plan is by separating damaged products into the cooling area, adding production time and providing training regularly to quality control operators.

Keywords: ISO 31000:2018, ISO 9001:2015, risk assessment, risk treatment, risk register.