

ABSTRACT

The development of information technology is very rapid and can facilitate companies in carrying out business activities. Information technology has been widely by many companies, one of which is PT. Kimia Farma Plant Banjaran using ERP-based SAP to help manage the company and make it easier for the company to carry out its operational activities. Over time, the use of information technology creates opportunities for threats that can pose risks. Moreover, activities in the Production Division, such as constraints on SAP can hamper the production process or even hinder the company's business processes. Therefore, companies need IT risk management to support the success in the use and utilization of information technology. The research design used is a case study using a mix method. The stages of this research start from data collection, identification, analysis, design, and validation. This research was conducted to identify risks related to the Production Division and provide recommendations for IT risk management at a company that uses the COBIT 5 framework for risk. The use of the COBIT 5 for risk framework in this study is used as a reference in conducting risk analysis in the Production Division so that a risk assessment can be carried out. The risk assessment that has been carried out produces recommendations for each risk based on seven enablers that can be applied by the company.

Keywords— Technology Information, Risk Management, COBIT 5 For Risk, Seven Enablers