

ABSTRACT

PT ABC is a BUMN company (State Owned Enterprise). PT ABC is one of the companies in the city of Jakarta in the construction sector that is engaged in the business sector of the energy and oil and gas industry, transportation, water resources, buildings and spatial settlements. In this study the authors focus on information technology risk management in the operational scope. In a large company like PT ABC requires risk management because the company has information technology assets. At PT ABC there are still some risks that occur to the company. Therefore, in this study the authors wanted to make a plan in identifying, analyzing, evaluating, and implementing risk treatment at PT ABC in the operational scope, namely in the Information Technology section, HR section, K3 section. This risk management research uses the ISO 31000:2018 method which includes the stages of identification, analysis, evaluation, and risk treatment, and uses the ISO 27002:2022 document as a guideline for determining controls and recommendations for taking preventive or risk mitigation measures. That way, this research is expected to help the risk management of the operational part of PT ABC in mitigating the risks that occur in the company. From the results of this study found 23 risks with 18 risks of Moderate Level and 4 risks of Very Low Level.

Keywords: Risk Management, Information Technology, ISO 31000:2018, ISO 27002:2022