

ABSTRACT

This study aims to explore and identify optimal strategies for risk management in fuel distribution fleet management, conducted by Pertamina's fuel tank drivers at Fuel Terminals/Integrated Terminals. Effective supply chain management plays a crucial role in ensuring safety, efficiency, and quality in fuel distribution operations. Various risk factors potentially influencing traffic accidents are identified, such as driver fatigue, lack of technological understanding, road conditions, and the surrounding environment.

This research examines risk management approaches, including intensive driver training, vehicle monitoring through GPS systems, and adherence to safety procedures. By optimizing technology and human resource management strategies, the study evaluates their impact on operational efficiency, environmental sustainability, and profitability. The results of this research are expected to provide valuable insights for fuel distribution companies focused on PT Pertamina Patra Niaga in improving safety, reducing accident rates, and ensuring efficient and safe fuel distribution to meet the energy needs of communities and industries in Indonesia.

Keywords: *Risk Management, Fuel Distribution, Human Resource Management, Fleet Management, Supply Chain Management, Risk Management, Operational Efficiency, Sustainability*