

RINGKASAN

Penelitian ini berjudul “Pengaruh *Green Lean Industry* dan *Sustainable Value Stream Mapping* Terhadap *Environment Waste* Dengan *Total Quality Management* Sebagai Variabel Mediasi di Konveksi Yeay Apparel”. Seiring dengan meningkatnya kesadaran akan pentingnya keberlanjutan dan efisiensi dalam industri bisnis, konsep *green lean* menggabungkan praktik ramah lingkungan dengan *sustainable value stream mapping* untuk mengenali proses yang tidak efisien, melakukan perbaikan yang berkelanjutan, dan meningkatkan produktivitas dengan peran *total quality management* sebagai konsistensi kualitas produk dan proses dalam mengurangi adanya pemborosan lingkungan.

Populasi dalam penelitian ini adalah karyawan dan konsumen yang terlibat di Konveksi Yeay Apparel. Data diperoleh melalui tahap observasi dan kuisioner dengan pihak-pihak terkait dalam rantai nilai di Konveksi Yeay Apparel. Hasil dari analisis menunjukkan adanya pengaruh *green lean industry* dan *sustainable value stream mapping* serta *total quality management* sebagai variabel mediasi terhadap beberapa jenis *environment waste* yang dihasilkan.

Hasil penelitian diharapkan dapat meningkatkan keberlanjutan operasional konveksi dengan fokus pada strategi yang dapat mengintegrasikan *lean industry*, keberlanjutan lingkungan, dan manajemen kualitas total dalam proses produksi.

Kata kunci: *Green Lean Industry*, *Sustainable Value Stream Mapping*, *Total Quality Management*, *Environment Waste*, Konveksi Yeay Apparel.

SUMMARY

This research is titled The Influence of Green Lean Industry and Sustainable Value Stream Mapping on Environmental Waste with Total Quality Management as a Mediating Variable at Yeay Apparel. With the growing awareness of the importance of sustainability and efficiency in the business industry, the green lean concept combines environmentally friendly practices with sustainable value stream mapping to identify inefficient processes, implement sustainable improvements, and enhance productivity. Total Quality management plays a crucial role in ensuring product and process quality consistency, thereby reducing environmental waste within the value chain.

The population in this study includes employees and consumers involved in Yeay Apparel. Data was collected through observation and questionnaires with relevant parties in the value chain at Yeay Apparel. The analysis results indicate that there is an influence from green lean industry practices and sustainable value stream mapping, with total quality management as a mediating variable, on various types of environmental waste produced.

The findings of this research are expected to enhance the operational sustainability of the apparel company by focusing on strategies that integrate lean industry principles, environmental sustainability, and total quality management within its production process.

Keywords: Green Lean Industry, Sustainable Value Stream Mapping, Total Quality Management, Environment Waste, Yeay Apparel Convection.