

ABSTRACT

PT. Elco Indonesia Sejahtera is a leather tannery industry located in Garut, West Java. Working system that exist in the company that make-to-order. Production process that exist in this company that record is not well documented. Green manufacturing is a way to reduce waste and pollution through product design and production processes by replacing new and other sources. Therefore, it is necessary to develop a Green Manufacturing system that can support all activities in the production process at PT. Elco Indonesia Sejahtera, because in Indonesia for export requirements required an environmentally friendly and sustainable industry. This research is done by developing Green Manufacturing system using Accelerated SAP (ASAP) method. This research begins with interviewing, observing, analyzing and designing proposed system by configuring and adjusting to Manufacturing module. Then do the testing phase will all the parts. The result of this research is the existence of an ERP system at Odoo which has been adjusted to the company's business process and business process proposal that is expected to simplify the company in running the production process activities in PT. Elco Indonesia Sejahtera.

Keywords: Accelerated SAP (ASAP), ERP Odoo, Green Manufacturing