

ABSTRACT

PT Bakrie Pipe Industries is one of the national steel pipe manufactures that has successfully embedded itself as the biggest and prominent steel pipe manufacturer and provider in Indonesia. High price of raw material (HRC) is very dependent on the condition of the world's steel, the hope of protection from government policies and the level of efficiency is not optimal, as well as the needs to improve its performance, forcing PT.BPI started doing evaluation in order to make continuous improvements in all area, to be able to compete in global market.

Performance evaluation, carried out from financial and non financial side with the more objective and comprehensive. This research used Rolled Throughput Yield (RTY) to evaluate the performance of the production process at Plant Vai-4 in pipe products to the specifications of API 5L-B. And with RTY indicator, the production process can be improved.

Production process performance Plant Vai-4 that can be achieved by using the method RTY is 89.50%. Achievement of this performance can be enhanced through improved production processes in Tube Mill section that covers repair defect Outer, Inner defects, and straightness.

Keyword: Process Performance, Rolled Throughput Yield (RTY)

