

## ***ABSTRACT***

*The weighing process of Sugar Granulated material for Antitusif Woods Syrup product lasts long enough, exceeds the target weighing time target due to the necessary non-value added activity (NNVA) in the weighing process that needs to be improved and non value added activity (NVA) in the preparation process must be Eliminated to avoid bottleneck / line stop to production needs. In this research, a scientific approach that focuses on improving and increase the company's business process is by using Business Process Improvement. Identifying the gap between the target and the achievement of the average lead time weighing Sugar Granulated is done by value stream mapping method by making business process mapping and analyzing By making current state mapping. The improvement effort is to eliminate non value added activity in the preparation process and to simplify the process of necessary not value added (NNVA). After the improvement of the preparation time and the overall material weighing process on the future state mapping has decreased.*

*Keywords: business process improvement, lead time, value stream mapping, value added activity*



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## ABSTRAK

Proses penimbangan material *Sugar Granulated* untuk produk Sirup Woods Antitusif berlangsung cukup lama, melebihi target waktu proses penimbangan disebabkan karena adanya *necessary non value added activity* (NNVA) pada proses penimbangan yang perlu untuk diperbaiki dan *non value added activity* (NVA) pada proses preparasi yang mesti dihilangkan agar tidak terjadi *bottleneck/linestop* terhadap kebutuhan produksi. Pada penelitian ini dilakukan pendekatan ilmiah yang memiliki fokus untuk memperbaiki dan meningkatkan proses bisnis perusahaan yaitu dengan menggunakan *Business Process Improvement*. Identifikasi adanya *gap* antara target dengan pencapaian rata-rata *leadtime* penimbangan *Sugar Granulated* dilakukan dengan metode *value stream mapping* dengan membuat pemetaan proses bisnis dan dilakukan analisa dengan membuat *current state mapping*. Upaya perbaikan yang dilakukan adalah menghilangkan *non value added activity* pada proses preparasi dan menyederhanakan proses yang bernilai *necessary not value added* (NNVA). Setelah perbaikan, waktu proses preparasi dan proses penimbangan bahan secara keseluruhan pada *future state mapping* telah menurun.

Kata kunci: *Business Process Improvement, lead time, value stream mapping, value added activity*



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