

Usulan perbaikan Pabrik perbaikan Karoseri untuk memenuhi permintaan Unit Bis dengan pendekatan SMAIC studi kasus Perusahaan Transportasi Bis di Indonesia = Improvements in carrosserie repair factory for meeting customer s demad using dmaic approach study case in Indonesian transportation company

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Abstrak

[ABSTRAK

Penelitian ini bertujuan untuk memberikan usulan perbaikan terhadap pemenuhan permintaan perbaikan karoseri pada sebuah perusahaan transportasi di Indonesia. Penelitian ini berfokus pada permasalahan tidak terpenuhinya permintaan perbaikan pada pabrik perbaikan karoseri di salah satu perusahaan transportasi di Indonesia. Perusahaan ini mendapatkan permintaan dari sembilan pool yang tersebar di Jakarta dan Jawa Barat. Sehingga membuat permintaan perbaikan karoseri yang semakin bertambah. Oleh karena itu diperlukan sebuah perbaikan pada proses produksi di PT Primajasa Perdanarayutama. Metode yang digunakan dalam penelitian ini adalah DMAIC (Define, Measure, Analyze, Improve, dan Control) untuk mendapatkan solusi yang terbaik untuk dapat diimplementasi. Penelitian ini akan berfokus pada proses painting yang terbagi menjadi enam aktifitas besar, yaitu pembersihan pelat, efoxy primer, pendempulan, cat/painting, vernis dan finishing. Perbaikan yang dilakukan akan memberikan dampak terhadap waktu proses produksi pada pabrik perbaikan karoseri ini yang akan meningkatkan angka pemenuhan permintaan.

ABSTRACT

This research aims to propose improvements for achieving the demand for carrosserie repair for a transportation company in Indonesia. The focus of this research is about the backlog of demand from its carrosserie repair factory in one of the transportion company in Indonesia. This company has 9 pools which are spread throughout Jakarta and West Java, the demand came from these pools this is why the level of demand is high and the reason that this factory needs an improvement to fulfill its demand. DMAIC (Define, Measure, Analyze, Improve, and Control) is the method used in this research, in order to get the best output that is going to be implemented in this company. Painting process is going to be the focus of this research, painting process is separated into six big subactivities which are metal cleansing, primer efoxy, putty, painting, and finishing. The improvements that are going to be made is going to have impact on its production process duration which will lead to fulfillment of this company?s demand.;This research aims to propose improvements for achieving the demand for carrosserie repair for a transportation company in Indonesia. The

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