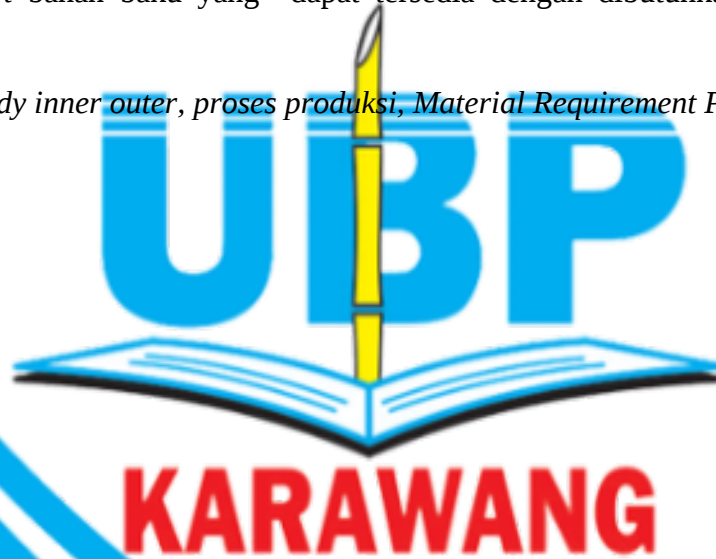


ABSTRAK

Persediaan bahan baku di PT. Hyundai Motor Manufacturing merupakan hal perlu dilakukan karena persaingan yang semakin ketat antar perusahaan mendorong setiap perusahaan untuk menetapkan pengendalian terhadap bahan baku secara tepat sehingga perusahaan tetap eksis untuk mendapatkan tujuan yang diinginkannya. PT. Hyundai Motor Manufacturing merupakan industri manufaktur otomotif yang bergerak dibidang perakitan kendaraan roda empat. Metode yang digunakan pada penelitian ini yaitu MRP (*Material Requirement Planning*) dengan teknik pendekatan *Lot for Lot*. Setelah menganalisis bahan baku menggunakan MRP terbukti bahwa kelancaran proses produksi pun meningkat menjadi 100% dibandingkan sebelum memakai metode MRP yang persentasenya hanya 66%- 85%. Artinya bahwa kelancaran proses produksi pun mengalami peningkatan dikarenakan *part* bahan baku yang dapat tersedia dengan dibutuhkan itu sudah sesuai.

Kata Kunci: *body inner outer, proses produksi, Material Requirement Planning (MRP)*



ABSTRACT

Inventory control of raw materials at PT. Hyundai Motor Manufacturing is something that needs to be done because the increasingly fierce competition between companies encourages each company to establish proper control of raw materials so that the company continues to exist and achieve the goals it wants. PT. Hyundai Motor Manufacturing is an automotive manufacturing company engaged in assembling four-wheeled vehicles. The method used in this study is MRP (Material Requirement Planning) with the lot-by-lot approach technique. After analyzing raw materials using MRP, it was proven that the smoothness of the production process had increased to 100% compared to before using the MRP method, which was only 66%–85%. This means that the smoothness of the production process has also increased because the parts of the raw materials that can be available as needed are appropriate.

Keyword: body inner outer, production process, Material Requirement Planning (MRP)

