

***MACHINE MAINTENANCE MANAGEMENT BUNBURY 3 PT . BRIDGESTONE
TIRE INDONESIA Total Productive Maintenance (TPM).***

ABSTRACT

Maintenance of the machine is very necessary in the world of industry. Each plant is required to produce the highest quality products and undertakes any amount of customer demand. It is applied by PT.Bridgestone Tire Indonesia, to achieve the best product quality and meet customer demand, the company maintaining the health of the machine as well as possible. Because, the engine is one of the means of production is vital to achieve the best production results. Engine maintenance was done as preventive maintenance, predictive maintenance and maintenance korektife. Third, this maintenance is part of a series of total productive maintenance. In total productive maintenance (TPM) also conducted efficiency calculation engine to produce each product, to search engine efficiency calculations performed with the overall equipment effectiveness (OEE). In overall equipment effectiveness there is a series of availability, performance efficiency and quality rate of the product. Figures attainment standards overall equipment effectiveness by > 85%. Maintenance of the machine to achieve the target of overall equipment effectiveness in Indonesian Tire PT.Bridgestone done by three divisions namely dapartement engginering, production planning and industrial engginering.

The results obtained for Overall equipment effectiveness in October 2013 by 85 % , is obtained by multiplying 94 % of availability , performance efficiency rate of 91 % and 99 % quality product .

Key words : tpm, oee .

**MANAJEMEN PEMELIHARAAN MESIN *BUNBURY 3* di PT.
BRIDGESTONE TIRE INDONESIA DENGAN MENGGUNAKAN
METODE *TOTAL PRODUCTIVE MAINTENANCE* (TPM).**

ABSTRAK

Pemeliharaan mesin sangat perlu dilakukan didunia perindustrian. Setiap pabrik dituntut untuk menghasilkan produk dengan kualitas terbaik dan menyanggupi seberapa pun banyaknya permintaan pelanggan. Hal ini diterapkan oleh PTBridgestone Tire Indonesia, untuk mencapai kualitas produk terbaik dan memenuhi permintaan pelanggan, perusahaan menjaga kesehatan mesin sebaik-baiknya. Karena, mesin adalah salah satu alat produksi yang sangat vital untuk mencapai hasil produksi terbaik. Pemeliharaan mesin yang telah dilakukan seperti preventive maintenance, korektife maintenance dan prediktif maintenance. Ketiga, pemeliharaan ini adalah sebagian dari rangkaian total productive maintenance. Pada total productive maintenance (tpm) dilakukan pula perhitungan efficiency mesin untuk menghasilkan setiap produk, untuk mencari efficiency mesin dilakukan dengan perhitungan overall equipment effectiveness (oe). Didalam overall equipment effectiveness terdapat rangkaian availability, performance efficiency dan rate quality of product. Angka pencapaian standart overall equipment effectiveness sebesar >85%. Pemeliharaan mesin untuk mencapai target overall equipment effectiveness di PT.Bridgestone Tire Indonesia dikerjakan oleh tiga divisi yaitu departement engginering, planning production dan industrial engginering.

Hasil yang diperoleh untuk overral equipment effectiveness pada bulan oktober 2013 sebesar 85%, ini didapat dari hasil perkalian dari availability 94%, performance efficiency 91% dan rate of quality product 99%.

Kata kunci: tpm, oee.