

ABSTRAK

Pengendalian kualitas pada industri sabun mandi sangat diperlukan termasuk pada produk cacat sabun mandi. Proses produk cacat sabun mandi pada PT Alliance Consumer Products Indonesia pada proses produksi menunjukkan bahwa nilai Indeks Cp produksi sabun mandi didapatkan sebesar 3,77 dan nilai Cpk diperoleh sebesar 6,96. Lebih lanjut nilai indeks Cp dan Cpk yang didapatkan tersebut masih lebih dari satu menandakan bahwa proses produksi masih berjalan dengan baik dan masih mampu menghasilkan produksi sesuai dengan spesifikasi perusahaan dan juga keinginan konsumen. Selain itu telah dilakukan pengujian statistika terhadap produk cacat sabun mandi dengan menggunakan atribut peta kontrol np bar dimana diketahui bahwa kualitas produk cacat dalam keadaan terkontrol atau dalam keadaan baik saja.

Kata Kunci : *Kapabilitas Proses, sabun Mandi*

ABSTRAC

Quality control in the bath soap industry is very necessary, including for defective soap products. The process of defective soap products at PT Alliance Consumer Products Indonesia in the production press shows that the Cp index value in the bath soap production process was obtained at 3.77 and the Cpk value was obtained at 6.96 Furthermore, the Cp and Cpk index values obtained were still more than one of 1 which indicates that the production process is still running well and is still capable of producing production according to the company's specifications and also what consumers want. In addition, statistical tests have been carried out on defective soap products using the attributes of the np bar control map where it is known that the quality of defective products is in a controlled state or in good condition

Keywords: *Process Capability, bath soap*