

ABSTRAK

PT. Pratama Abadi Industri merupakan salahsatu produsen sepatu kualitas dunia, yang mempunyai beragam jenis produk. Dalam proses produksi sewing alur pembuatan masih didominasi oleh tenaga kerja manusia dan alat bantu produksi seperti mesin press. Dalam pengerjaannya seringkali terdapat kesalahan yang mengakibatkan produk yang dihasilkan tidak sesuai yang diharapkan perusahaan dan juga terdapat kesalahan operator produksi dalam pengukuran tingkat cacat produk . Oleh karena itu ingin diketahui apakah faktor-faktor yang mempengaruhi hasil pengukurandan sistem pengukuran (*measurement system*) telah acceptable atau tidak. Dengan menggunakan data hasil pengukuran terhadap tiga jenis grade produk yang dilakukan oleh tiga inspektor diperoleh hasil bahwa faktor inspektor, metode dan lingkungan memberikan pengaruh yang signifikan terhadap hasil pengukuran serta hasil analisis *Assessment agreement* bahwa sistem pengukuran di PT. Pratama Abadi Industri unacceptable.

Kata Kunci : Measurement System Analysis, Inspector, Assessment Agreement



UNIVERSITAS
MERCU BUANA

ABSTRACT

PT. Pratama Abadi Industri is one of the world's quality shoe manufacturers, which has various types of products. In the sewing production process, the manufacturing flow is still dominated by human labor and production aids such as press machines. In the process there are often errors that result in products that are not as expected by the company and there are also production operator errors in measuring the level of product defects. Therefore we want to know whether the factors that influence the measurement results and measurement system have been acceptable or not. By using the measurement data of the three types of product grade conducted by three inspectors, the results show that the inspector, method and environment factors have a significant influence on the measurement results and the results of the Assessment agreement analysis that the measurement system at PT. Pratama Abadi Industri unacceptable.

Keywords: Measurement System Analysis, Inspector, Assessment Agreement



UNIVERSITAS
MERCU BUANA