

ABSTRACT

The ultimate objective of manufacturing industries today is to increase productivity through system simplification, organizational potential and incremental improvements by using modern techniques like Kaizen. Competition and continuously increasing standards of customer satisfaction has proven to be the endless driver of organizations performance improvement. Kaizen refers to continuous improvement in performance, cost and quality. Kaizen strives to empower the workers, increase worker satisfaction, facilitates a sense of accomplishment, thereby creating a pride of work. It not only ensures that manufacturing processes become leaner and fitter, but eliminate waste where value is added. Kaizen by now is a widely discussed and applied manufacturing philosophy, in a variety of industries across the globe. The objectives of this research report are to identify the causes or sources of the products discrepancy by studying every process / junction flows, to improve the quantity yield by reducing the discrepancy of the product and to implement/establish new practice to reduce yield loss due to discrepancy.

KAJIAN TENTANG PENGURANGAN JURANG KUANTITI HASIL DI PROSES TERAKHIR SEMIKONDUKTOR

ABSTRAK

Objektif utama untuk sesebuah industry pembuatan hari ini adalah untuk meningkatkan produktiviti melalui system yang ringkas, organisasi yang berpotensi dan peningkatan tinggi dengan menggunakan teknik moden seperti Kaizen. Persaingan dan peningkatan standard yang berterusan dalam kepuasan pelanggan telah terbukti menjadi teraju utama dalam peningkatan usaha sesebuah organisasi. Kaizen merujuk kepada peningkatan berterusan dalam usaha, kos dan kualiti. Kaizen berusaha terus untuk membangunkan pekerja, meningkatkan kepuasan pekerja, menghargai erti sebuah kejayaan dan juga memperkenalkan budaya rasa bangga kepada pekerjaan. Ia bukan sahaja hanya memastikan proses pembuatan menjadi lebih baik dan cemerlang, tetapi mengurangkan pembuangan untuk meningkatkan kualiti. Kaizen pada hari ini juga banyak dibincangkan dan diaplikasikan di dalam falsafah pembuatan. Objektif kertas kerja ini adalah untuk mengkaji setiap proses dan juga mengurangkan jurang kuantiti hasil di proses terakhir semikonduktor.

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