ABSTRAK

Analisis Modifikasi Pada Mesin *Vibrating Screen*
di PT X
Melalui Inovasi Pemakaian Plat *Screening Hole Type*

Vibrating Screen yang selama ini dipakai di PT X tidak efektif, karena memiliki presentase hasil *Screening coke breeze* yaitu 15%-20% yang tidak mencapai target yaitu sebesar <12% *coke breeze*. Salah satu faktor utama yang mempengaruhi presentase *coke breeze* adalah performa *Vibrating Screen*. Sehingga efektif atau tidaknya peralatan *Vibrating Screen* akan mempengaruhi besaran keuntungan yang didapat oleh perusahaan. *Vibrating Screen finger type* memiliki kekurangan dari segi kualitas produk maupun *reliability*. Untuk mengantisipasi masalah ini maka perlu dilakukan pergantian tipe *Vibrating Screen*. Tipe *vibrating* yang digunakan pada penelitian ini adalah *Vibrating Screen Hole type*. Hasil penggunaan *Vibrating Screen hole type* ini mampu menurunkan presetase *coke* masuk ke dalam *coke breeze menjadi 12% sesuai target.*

Kata kunci: *Vibrating Screen, Coke, Coke breeze*

ABSTRACT

Modification Analisys On *Vibrating Screen* Machines
At PT X
Through Innovation In The Use Of Hole Type *Screen*ing Plates

The *Vibrating Screen* that has been used at PT X is not effective, because it has a percentage of coke breeze *Screen*ing results of 15% -20% which does not reach the target of <12% coke breeze. One of the main factors that influences the percentage of coke breeze is the performance of the *Vibrating Screen*. So by the *Vibrating Screen* equipment is effective or not will affect the amount of profit obtained by the company. *Vibrating Screen* finger type has disadvantages in terms of product quality and reliability. To anticipate this problem, it is necessary to change the type of *Vibrating Screen*. The type of vibrating used in this research is the *Vibrating Screen* hole type. The results of using this type of *Vibrating Screen* hole are able to reduce the percentage of coke entering the coke breeze to 12% according to the target.

Keywords: *Vibrating Screen, Coke, Coke breeze*