

ABSTRACT

Citra hand and body lotion 250 ml is line production in packing line bottle 3 PT Unilever Indonesia (Skin Care Factory) have a problem about bottle falls which can caused bottle stuck in conveyor infeed screw ACMA Orientator. Bottle which stucked in conveyor infeed screw ACMA Orientator can cause minor stop loss and waste which can damage production process in packing line bottle 3.

To resolve bottle stucked in conveyor infeed screw ACMA Orientator is by create a plan for rejector bottle falls in conveyor infeed ACMA Orientator for rejecting bottle falls to side of conveyor so it can not to be continue to conveyor infeed screw ACMA Orientator. In this plan of rejector bottle falls conveyor infeed ACMA Orientator is by doing observation, analyze data, design of pneumatic and electric's system, and finishing with the conclusion data as indicator of the successful of the rejector's bottle falls conveyor infeed ACMA Orientator.

Rejector bottle falls is designed in conveyor infeed ACMA Orientator can solve the problem minor stop loss caused by bottle stucked in conveyor infeed screw ACMA Orientator based on TPM data July 2018 decrease to 7,08 hours from June 2018 of 30,35 hours. Rejector bottle falls also can reduce the waste caused by bottle stucked in conveyor infeed screw ACMA Orientator based on waste data July 2018 decrease to 470 pcs from average waste monthly 1132 pcs per month.

Keywords: rejector, minor stop loss, waste.

INTISARI

Pada *line* produksi *Citra hand and body lotion 250 ml* di *packing line bottle 3* di PT Unilever Indonesia (*Skin Care Factory*) terdapat masalah mengenai material botol roboh di *conveyor infeed ACMA Orientator* yang dapat mengakibatkan botol terjepit di *conveyor infeed screw ACMA Orientator*. Botol terjepit di *conveyor infeed screw ACMA Orientator* ini dapat mengakibatkan *minor stop loss* serta *waste* yang dapat merugikan proses produksi.

Untuk mengatasi masalah botol terjepit di *conveyor infeed screw ACMA Orientator* dilakukan perancangan *rejector* botol roboh di *conveyor infeed ACMA Orientator* untuk membuang botol roboh ke sisi samping *conveyor* supaya tidak berlanjut ke *conveyor infeed screw ACMA Orientator*. Dalam perancangan *rejector* botol roboh *conveyor infeed ACMA Orientator* ini dilakukan observasi lapangan, analisa data, merancang skema *pneumatic system* dan *electric system rejector* botol roboh, dan diakhiri dengan kesimpulan data sebagai indikator keberhasilan dari perancangan *rejector* botol roboh *conveyor infeed ACMA Orientator*.

Rejector botol roboh dirancang pada *conveyor infeed ACMA Orientator* dapat mengatasi masalah *minor stop loss* akibat botol terjepit di *conveyor infeed screw ACMA Orientator* yaitu berdasarkan data TPM bulan Juli 2018 *minor stop loss* turun menjadi 7,08 *hours* dari bulan Juni 2018 yang sebesar 30,35 *hours*. *Rejector* botol roboh juga dapat mengurangi masalah *waste* akibat botol terjepit di *conveyor infeed screw ACMA Orientator* yaitu berdasarkan data *waste* bulan Juli 2018 total *waste* turun menjadi 470 *pcs* dari rata-rata total *waste* bulan sebelumnya sebesar 1132 *pcs per month*.