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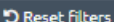
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Workflow
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Reduce Pick Arm Lead Frame Drop on Dedam Dejunk Machine

(Polibatam, 2024-07-17) Al Farras Bintang Naldika; Wivanus Nadhrah

Dedam dejunk is a process to cut the dambar and remove the degate on the lead frame. Dedam dejunk process has a pick arm that functions to move the lead frame. But after being researched this dedam dejunk process has time slowness. The slowness that occurs is caused by the lead frame dropping from the pick arm. So, the machine experiences downtime by occurrence. The purpose of this study is to learn how to reduce lead frame drop in this dedam dejunk process. This study uses the fishbone method, analyzed through a table filled with verification to find the truth. Finding the root cause that has been found from the verification is continued with the 5 why analyze. 5 Why is looking for the verification assumption to find the root cause so that it can be solved. The root cause of the problem is the parameter and the bent plate. The elevator parameter that makes the pick arm not reach to pick up the lead frame. in addition to the elevator, the plate affects the tilt of the lead frame which makes the sensor on the pick arm untouched. that is why a new plate is needed. Reduce from the improvement resulted in 37,85 percent of the data that had been taken.

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