

ABSTRACT

PT Solusi Bangun Indonesia is a cement manufacturing company located in Indonesia. This company has several production plants including, Cilacap, Narogong and others. Established since 2019 PT Solusi Bangun Indonesia has had many active roles in Indonesia's development. Engaged in cement production, PT Solusi Bangun Indonesia has many machines related to industry. In 2019 to 2021, PT Solusi Bangun Indonesia suffered damage to the Weigh Feeder machine and this damage caused downtime machine. Whereas lately the number of cement ship outs at PT Solusi Bangun Indonesia is increasing. This is due to the lack of maintenance on such machines and the absence of such damaged replacement components. Therefore, reliability centered maintenance II and risk matrix analysis is needed to obtain a policy of engine maintenance schedule and replacement backup components for optimal Fast-Moving Parts.

Keywords– Maintenance, Failure Mode and Effect Analysis, Reliability Centered Maintenance II, Risk Matrix, Downtime Machine.