

## ***ABSTRACT***

*PT. Indocement Tunggal Prakarsa is engaged in the cement industry. One of the products produced is PCC. Based on company data for the period January 2017 to December 2019, there was use of clinker that exceeded the maximum limit. This is not in line with the company's efforts to reduce the cost efficiency of using clinker. The emergence of the use of clinker that exceeds the maximum limit is due to the absence of additive material in the milling process. This is due to the occurrence of a stop operation on the additive material transportation line.*

*The focus of the discussion in this final project is to make improvements to the additive material transportation route. This research uses process improvement to solve problems. Beginning with the problem formulation stage, namely identifying problems that occur in the additive material transportation route and identifying stop operations on the additive material transportation route. The next stage, analysis, is to analyze the problem using fishbone diagrams and 5 why's analysis. The improvement design stage is to provide suggestions for improvement. Proposed improvements for this problem include bypassing so that it is hoped that this design can minimize or even eliminate the use of clinker that exceeds the maximum limit.*

***Keywords— Clinker, Transport Line, Improvement***