

## CHAPTER 2

### LITERATURE REVIEW

"*Penerapan Acceptance Sampling Plan di Divisi Pre Delivery Control Ice Can (Studi Kasus di P.T. Esstar Indorim - Tegal)*" was the final report title of Wibisono (2005). It analyzed the sampling plan construction to inspect ice cans. The objective of the sampling plan was to simplify the screening inspection on the pre delivery division and save the inspection cost. The objectives of the research were analyzing the cause of defect in ice cans production, constructing standard procedure on quality control using single sampling plan, and increasing the efficiency of cost and human resources in pre delivery control division.

The research in this final report is the development of the research in internship study report of the writer, Nuraini (2005). The title of the internship study report was "Analysis on Quality Control System of Reinforcement Rocker-Outer Left Handed (Y 2021) in Stamping Production Division of P.T. Mekar Armada Jaya Magelang". The objectives of the research were proving the invalidity of the existing sampling plan and constructing the suggested sampling plan to overcome the problem in P.T. Mekar Armada Jaya. The method of the research is acceptance sampling plan for attribute.

The research topic of the final report is finding the affordable LQL limits for the suggested sampling plan. The objectives of the research are finding the affordable LQL limits for the current sampling plan and alerting obsolescence of the current sampling plan. The method of the research is trial and error method.

The resume of the differences between the earlier research and the current research are listed on table 2.1.

Table 2.1. The Difference between the Earlier Research and the Current Research

No.	Writer	Research Object	Objectives of the Research	Analysis Method
1.	Wibisono (2005)	Ice cans	<ul style="list-style-type: none"> <li>- To analyze the cause of the defect in ice can production.</li> <li>- To construct standard procedure on quality control using Acceptance Sampling Plan and simplify the process without decreasing the quality of the product itself.</li> <li>- To increase the efficiency of cost and human resources in pre delivery control division.</li> </ul>	Single Sampling Plan

Table 2.1. Continued

No.	Writer	Research Object	Objectives of the Research	Analysis Method
2.	Nuraini (2005)	Car component (Y 2021)	<ul style="list-style-type: none"> <li>- To prove the invalidity of the existing sampling plan.</li> <li>- To construct the suggested sampling plan to overcome the problem.</li> </ul>	Acceptance sampling plan for attribute
3.	Nuraini (2006)	Car component (Y 2021)	<ul style="list-style-type: none"> <li>- To find the affordable LQL limits for the current sampling plan.</li> <li>- To alert the obsolescence of the sampling plan.</li> </ul>	Trial and error method