

ABSTRACT

The production of kretek cigarettes using machines presents its own challenges at PT. Djarum. High machine downtime necessitates proper maintenance activities. Maintenance itself is influenced by many factors, one of which is the availability of spare parts. This research aims to develop a qualitative research model by identifying the implementation of maintenance at PT. Djarum and identifying the contribution of maintenance data and the availability of spare parts in selecting maintenance strategies.

This research uses a qualitative method by conducting semi-structured interviews with representatives from PT. Djarum. The research informants are selected from two (2) levels of positions within the organization, namely managerial and operational levels. This research was conducted at PT. Djarum Kudus located at Site SKM Gribig and Site SKM for 6 (six) months.

The findings of this research are that machine maintenance data influence the selection of maintenance strategies and the availability of spare parts is not the main factor in selecting machine maintenance strategies but contributes. The theoretical implications of this research strengthen previous research. The managerial implications of this research can serve as a management basis for strengthening data collection control for maintenance to improve spare parts availability and more accurate maintenance strategies. It is hoped that future research will be able to obtain more sources from other companies in the same sector or different sectors to compare the contribution of maintenance data and spare parts availability in their companies.

Keywords: *Maintenance, Maintenance Data, Spare Parts Availability, Maintenance Strategies*