

## **ABSTRACT**

**RATNA SARI (35415684)**

**LEARNING PRODUCTION PLANNING ALUMINUM PROFILE SECTION 11281 IN PT ALUMINUM EXTRUSION INDONESIA (PT ALEXINDO)**

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Competition in the industrial world today is higher because it is supported by the development of existing technology, as well as the more rapid and competitive competition in the industry. To face this competition, planning, control and supervision are needed to run the company effectively. PT Alexindo is a company engaged in manufacturing in Indonesia by producing aluminum profile section 11281. PT Alexindo implements a system called Make To Order (MTO). This system is a system that starts from customer orders, if there are orders that have been received then the production process flow will run. Based on the above problems, a production planning is needed for the company that is used to schedule the processes that occur in the industry, from the purchase of raw materials, the production process to the delivery of goods to consumers. Production planning has an important role in a production system because with a good company production planning can meet consumer demand by knowing how much raw material needs each month. The goal to be achieved by the author by doing practical work at PT Alexindo is to study the production process and study the aluminum production planning process section 11281 at PT Alexindo. The production process goes through 5 stages. The first stage is remelting, the second stage is die manufacturing, the third stage is extrusion, the fourth stage is Anodizing and Coloring, The fifth stage of packing. Production planning is good and right will produce products that fit the needs of consumers.

**Bibliography (1998-2008)**