

ABSTRACT

Project management consists of three stages measure the performance of the project: planning, scheduling, and project control. This research aims to determine how scheduling and project control on the project Reconditioning Rotor RU II Dumai PT. Taka Turbomachinery Indonesia so it can determine whether the delay occurs this project (Schedule Overrun) and additional cost (Cost Overrun).

This research uses four methods to the scheduling phase consisting of Gantt Chart, Curve S or Hanumm Curve, and CPM (Critical Path Method) on Network Planning and project control phase using two methods, Earned Value Analysis and Program Crashing on methods Cost-Trade Off. The analysis technique used in this research is descriptive quantitative with applied research. This research is assisted using Microsoft Project 2013.

The results from this research are the delay occurs completion of the project (Schedule Overrun) and the incremental cost (Cost Overrun) on the project Recondition Rotor RU II Dumai in PT. Taka Turbomachinery Indonesia.

Keywords: *Management Project, Project Contol, Project Perfomance, Project Schedulling*