

## C315892 : MAJOR INDUSTRIAL ENGINEERING

KEY WORD : JOB SCHEDULING/SHEET METAL FABRICATION

KIJJA TANGKITIWONGPORN : PRODUCTION JOB SCHEDULING FOR SHEET METAL FABRICATION. THESIS ADVISORS : ASSO.PROF.SIRICHAN THONGPRASERT, Ph MRS.JINTANA SIRISANTANA, 204 PP. ISBN 974-581-904-2

This reserach proposes production job scheduling for sheet metal . fabrication in air condition assembly plant. The system is developed on a personel computer and contains two sub-systems which relates to each other, a database management system and production job scheduling system.

The job scheduling system utilizes data from the database management system. Whereas the criteria for job scheduling are acquired from the theor for job scheduling which provides the rule for selection priority job of sheet metal fabrication.

The proposed system will reduce shop floor leader's skills requirement, planning time, and provide an accurate job scheduling in produc for sheet metal fabrication which compiles with company production managemen policy. Moreover, a simple but well-organized database management system offers fast and easy data retrieval.