

PIANGJAI PANICHKUN : PROJECT MANAGEMENT PLANNING OF ARC FURNACE
PLANT INSTALLATION FOR PRODUCING STEEL BARS IN THAILAND BY NETWORK
ANALYSIS. THESIS ADVISOR : ASST.PROF. SUTHAS RATANAKUAKANGWAN,
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This thesis is a project management planning of an arc furnace plant installation for producing steel bars in Thailand by using critical path method. The research covers various stages of planning, from operations to a test run. This project management planning is required after the completion of financial decision and feasibility study. It includes tasks analysis and project scheduling. The study results in identification of details, required personnel, time required for each task, also relationship and sequences of tasks which minimize time. The project management planning provides guidelines and strategies for implementation and helps ensuring effectiveness in all aspects (e.g. job quality, time) within the pre-established date line. This requires special concentration for the critical tasks.