

DESIGN OF A METAL MOULD FOR CASTING AN ALUMINUM PROPELLER BLADE

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ABSTRACT

My project title is 'Design of a Metal Mould for Casting an Aluminum Propeller Blade'. To do this, I have divided the procedure into 3 stages and my project will include the following:

Stage 1: - Designs

- 1) The dimensioned drawing of the given propeller blade
- 2) The dimensioned drawing of the mould
- 3) The design of runner gates for the mould

Stage 2: - Machining Process

- 1) The various machining processes involved in the making of the mold
- 2) The mould mounting and fixing

Stage 3: - Finishing Of the Blade

- 1) The final finishing of the propeller blade