# *DESIGN AND CONSTRUCTION OF A DUST SUUCTION SYSTEM AS A MEANS OF SUPPORTING THE WORK PROCESS IN MINI SHIELD*


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| *Author Name* | : | Rahmad Rezeki Tambunan |
| *Student Of Number* | : | 1103201253 |
| *Supervisior* | : | MUHAMMAD HELMI,ST., MT |


## ABSTRACT


*The Bengkalis State Polytechnic Marine Engineering Mini Shipyard often finds work or the process of making fiberglass ships. Every time you carry out the mold making process, you first cut or carve the part of the plywood or board you want to make a mold from. After carrying out the sanding or cutting process, of course the dust from the fibers is scattered. Therefore, the author designed a dust suction system that will be used in a mini shipbuilding engineering yard. With this dust suction system, of course it can simplify the work process on fiberglass boats at the Mini Marine Engineering shipyard, such as sucking up dust or dirt on fiberglass boats from the Marine Engineering Department. This tool will later be used not only in mini yards, but can also be used in pipe and plate workshops. By having two working systems, namely sucking and blowing, this tool will be very useful as a tool to help workers in carrying out work processes in mini yards and in pipe and plate workshops.*