

MECHANICAL CUM ELECTRICAL SAND CLEANER & GRADER FOR USE IN CONSTRUCTION INDUSTRY

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ABSTRACT

This report is contained with all the work we did to make this project successfully. That includes:-

- How we came to choose this topic and why is it
- How we tried to bring this idea to life
- How we calculated the required parameters for engineering design of our actual product
- The problems encountered during making the prototype
- How they are overcome

Mainly our report is based on body which includes an introduction, construction, problems encountered, result and analysis followed by illustrative drawing and photographs. Moreover, a conclusion and the references used to gather related information and data's as the last.

Firstly, in the introduction is a detailed explanation of what the project is all about; how this idea came to mind, why is it important to make something like this, what are the objectives, the goals and how those could be achieved.

Secondly it is construction. There is enlightened of how the work was organized and was carried out by separating it into sub parts to ease the whole project.

Next, we have elaborated on the problems encountered during making the prototype and how they are overcome which is followed by results and analysis. All the design problems and other problems that came up after starting the practical is explained in details here.

Finally a conclusion is made looking into over all objectives of the project and this is followed by the references at the end.