

ANALYSIS EXHAUST BY USING ANSYS SOFTWARE

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ABSTRACT

Nowadays ANSYS technology has a very broad definition in terms of its application. In general, this technology is not only being adopted in manufacturing fields, but in many working fields such as Aerospace Automotive, Biomedical, Construction, Electronic and Appliance, and many other fields. This technology had become much more advance and make human life become easier as well, especially in Design and Analysis.

Since the application of ANSYS technology is very wide in the manufacturing fields or any other field, therefore, this project only focuses on the analysis (Thermal Analysis) on Exhaust as an example of ANSYS technology in manufacturing fields for Design and Analysis application.

Basically, this project report will consists of the introduction and objective of the analysis on exhaust. Follow by the construction of the model; apply loads and how this model responds to those loads. While in the research and analysis part, it will mention about the result that had been solved in the previous step. In the last part of this project report is about the problems encountered and conclusion.