

“Fabrications & Developing Sustainability of Steel Structural Systems”

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DECLARATION OF AUTHORSHIP

We, hereby, declare that the work presented in this Thesis, is the outcome of the research work performed by us under the honorable teacher Lecturer of The Department of Mechanical Engineering, Sonargaon University (SU).

We also declare that no part of this thesis and thereof has been or is being submitted elsewhere for the award of any degree or Diploma.

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Abstract

A steel building is a metal structure fabricated with steel for the internal support and for exterior cladding, as opposed to steel framed buildings which generally use other materials for floors, walls, and external envelope. Steel buildings are used for a variety of purposes including storage, work spaces and living accommodation. Steel structure system is also known as erection process. In this project, a brief discussion on steel structural system and development procedure of steel structural sustainability has demonstrated. To complete this project at first we collect the data and document on steel structural system from various sources (online & physical) and study on collected data and document. Then we prepared a design for our project, then we collect the proper tools and materials and cut the materials to make work pieces as our desired shape and size. After that we completed the galvanizing process on work process & finally we assemble the all work process as per design.

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