

## **Synopsis**

Innovation is very important in modern times to improving the quality of a product in industry of construction. A ladder is a piece of equipment consisting of repeated bars or steps (rungs) between two upright lengths of metal, wood, or rope that are used for climbing up or down. There are many different types of ladders that have different functions for various occasions. Every single of them have their functions that allow workers to complete the task more effectively and safely. In our technology project, we created an idea that would assist the work in high places and easier for workers which is Mild Steel Stepladder with Adjustable Platform. This project has its own advantages that can help many workers in handling their project. Besides that, the materials and tools used to produce this innovation are listed and considered in the technology in this project. All the design, safety and ability of this project is our priority in achieving the objective that we create. Lastly, the results of this innovation can give more consequence especially from the design of this product which is easy and can reduce the rate of accident happens. This product also can save time of workers while doing the work because it has a bucket in front of it.