Comparative Analysis of Strength and Welding Asetelin
Electric Welding of Steel St-40 Pull Through Test

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Abstract

In everyday life a very important ingredient required steel as a construction material to strengthen the body as well as being the main ingredient in the building. Baja also dugunakan as an ingredient in the material used to strengthen a building construction in the squadron-squadron of the Air Force. To obtain optimum results on steel connection need to use Las as the median. Welding is the name of a collection of a large number of technology to connect to die. While welding is a metallurgical bond at the junction of the metal or metal alloy that is performed in the molten or liquid state. From that sense can be explained further that the weld metal is the local connection of several metal joints using heat energy. The symbolic number of welding are divided into two groups of welding press and welding liquid. In the welding press, the part to be connected to each Other critical pressed hot conditions without thawed and without additives. In penelasan liquid, the space between the parts to be connected in such a way that the hem is filled using a space between the liquid material to be spliced seam filled in such a way that uses a liquid material so that at the same time the edge bordering melt. Heat is needed can be generated either by foot or by way of electricity. In this thesis the author using the test method i Pull to assist in the calculation of comparative strength of the welding, before the writer looking for information about steel, then the data collected and the continued analysis obtained by calculating using