

ABSTRACT

The design of the wheelbarrow aims to improve existing products. Problems found in this product are in the body material and frame parts. This product has a problem, which is easily porous and rusty and in parts of the frame is very vulnerable to damage. The form of material used for the manufacture of wheelbarrow is iron plate and iron pipe / cylinder. The research method used is the comparative research method. Comparative research method is done to compare a variable (research object), between different subjects or different times and find the causes. In addition to field data based on direct experiments, literature data about the form of material that is suitable is applied to the wheelbarrow. All conclusions will be drawn to improve product material.

Keywords : Wheelbarrow, Material, Iron