

## **ABSTRACT**

*Problems found is the process of handling and washers gallons contained in the CV. Barokah Abadi. In handling process requires a lot of activities such as flushing, washing, brushing the inside of the gallon, rinsing the inside of the gallon, need a large place and a lot of time. Therefore it takes the design and development of the washer gallon to help minimize the activities, places and times in the handling and laundering gallon. The design of the washer gallon tool is done using reverse engineering and redesign approach methodology. Washers gallon is designed to unify multiple processes such as rinsing the inside of gallons along with brushing, rinsing the outside gallons, giving soap on the outside gallon and brush on the outside gallon. So that the washers gallon this proposal there are three processes into one within the tool.*

**Keywords :** *Washing Machine Gallon, reverse engineering, redesign methodology, product design, Gallon.*