

## **ABSTRACT**

### ***Ferry Sunarto Boutique Waste Treatment for Fashion Products Using Machine Stitch and Flat Iron Techniques***

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*Waste is the result of human activities, in meeting their needs, waste also consists of 2 types, namely, waste that is easily decomposed, some are difficult to decompose. Every year there are about 30% of products produced by companies that are not sold and the remaining products will end up in disposal and burning. The Ministry of Environment and Forestry (KLHK) 2021 through SIPSN explained that Indonesia alone has 2.3 tons of clothing waste and only 0.3 tons of this waste can be recycled. There are 92 million tons of textile waste from industrial production that is not reprocessed and continues to grow every year, and in the future it will end up in landfills and cause soil pollution. Fabric waste is taken from an Indonesian designer located in Bandung, namely Ferry Sunarto, who has been working since 1992, Ferry Sunarto's designer does not have cooperation or relationships with collectors so he will just dispose of the remaining fabric of his production, through the janitors who work around the boutique. After the waste generated by the Ferry Sunarto Boutique is 20 trashbags with a total weight of around 300kg of fabric waste. In addition, the size of the waste, the type of fabric, and the colors are quite diverse. Based on the results of the exploration process, the machine stitch and flat iron techniques have more potential than other techniques because this technique can use waste with a very small size and can use various types of fabric waste in this technique, the final result of using this technique in the form of accessories, namely bags, by using additional other materials, to provide a balance of the color of fabric waste processed using machine stitch and flat iron techniques.*

*Keywords: Waste, Fabric waste, Fashion product, Machine Stitch, Flat iron*