# **ABSTRACT**

***Sharah shoes is a medium-scale industry engaged in the shoe industry, especially women’s shoes that were located in the center Cibaduyut Bandung. Based on preliminary research result, that sharah shoes has problem, there were many defective products, the product is not in accordance with consumer orders, this can be seen from the number of products returned by consumers and the company must reproduce the product.***

***This problem caused by lack of quality control on the company. The purpose of this study to determine the extent to which the application of quality control by using the six sigma method was done. The method used is a mixed method with a sequential extraction strategy approach. Primary data collection techniques used with triangulation technique that is observation, interview, documentation, audio and visual material, while secondary data collection is done by literature study. Data analysis techniques used in research with data collection, data reduction, presentation, conclusions and testing the validity of data by using the triangulation.***

***Base on the research results known that the application of quality control by using the six sigma method in shara shoe company shows the sigma value obtained by 3.81 with DPMO of 10.444 , it shows that sharah shoe company is in position that must be handled more seriously and need more attention, in order to eventually produce a better product with a greater sigma value. To get bigger sigma value by considering the causal factors that are internal factor, management, human error, and also raw material supply/stock, and external factor, consumer, order agreement and work environment.***

***Thereby, the company advised to improve order acceptance system, better quality control, make SOP as standard of shoe making, company owner must pay more attention to process of product producing until final result, the product must be as consumer order.***

***Keywords: Quality Control, Six Sigma***