Summary

The purpose of this cooperative education at KYB (THAILAND) Co., Ltd. is to solve problems of defective parts of casting process in model XC601 such as Pin hole, Blow hole, Slag/Dross, Scratch and Rough surface etc, by using 7 QC Tools. The cooperative education is started by analyzing the root cause of the problems by using fish bone diagram. The analysis results are increasing gate of mold, increasing surface of punch and increasing length of air gun about 20 cm. The cooperative education also develops new instrument such as plate table, wheelchair for transfer an Al fluid, broad for shows the diagram defect of each types and a broad for showing amount of daily production plan. The improvements of casting process mentioned above can reduce percent defective parts of model XC601 from 11.30 % to 4.81 %. The results also increase the work comfortable for employees and the checking ability of waste product.