QUALITY CONTROL IN PRODUCTION PROCESS
SPRAY TUBE BODY FTN USING CONTROL DIAGRAM
MEWMA

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Abstrak
PT. Preshion is a plastic injection molding company that has always tried to maintain quality of the product to conform to the specifications set by subscribers. Spray tube body FTN is one component of the iron tools that produced by PT. Preshion and needs to be controlled because the product will be assembled with other components. Quality characteristics to look for in products spray tube body FTN is the diameter of the hole in the head (x1), outer diameter of the hole of the head (x2), and the diameter of the hole in the toe (x3). Control means the process of spray tube body FTN use MEWMA control charts to control the process mean more than one quality characteristic. The data used is the data presented on 5-8 April 2011 and on 3 to 6 May 2011. Results controlling spray tube body FTN showed that the process of uncontrolled fluctuations mean that the process is unstable. The main factors that cause fluctuations in an unstable mean is that often the condition of the engine dead and a lack of expertise of the QC section of new employees at PT. Preshion.

Keywords: Quality Control, Body Spray Tube FTN, Diagram MEWMA