

ABSTRACT

Musculoskeletal disorders (MSDs) is damage to the muscles, nerves, tendons, ligaments, joints, cartilage, and disc intervertebralis. The main cause of MSDs is the wrong working posture. Posture is the position of the body part that relates to other body parts connected by a connection angle.

Batik Komar is a private-owned enterprise owned by H. Komarudin Kudiya S.IP, M.Ds. engaged in the production of batik fabric. One of the activities of the company Batik Komar is a coloring activities. The tools used in the dyeing process of batik operators a work table with a size of 176 x 80.5 x 155.5 cm.

Observations were performed using an existing work there is the awkward position of the operator in the form of more than 30° bent backs and arms raised position exceeds the operator's shoulder. Washington State Department of Labor and Industries (WISHA) describe that work with the position of the neck or back bent at an angle of more than 30° without support for more than a total of 2 hours a day as an awkward posture (www.lni.wa.gov, 2013). The results of the study of posture of the operator who is doing the coloring process using RULA (Rapid Upper Limb Assessment) score obtained 5. assessment of this value indicates that the posture of the operator to be in a dangerous position requiring improvements.

Keyword : Batik, Batik Komar, Coloring Table, MSDs, RULA