



14TH ERU SYMPOSIUM, 2008: FACULTY OF ENGINEERING, UNIVERSITY OF MORATUWA

Design of an Ergonomically Efficient Chair

R.A.R.C. Gopura¹

¹Department of Advanced Systems Control Engineering, Saga University, Japan

K.G.A.H. Amarasena²

²Department of Textile and Clothing Technology, University of Moratuwa, Sri Lanka

E-mails: *gopura@ieee.org, asiriamarase@yahoo.com*

Abstract

Ergonomically designed chairs are important for long time seated workers to increase their productivity and also to reduce low back injuries due to use of poorly designed chairs in ergonomic aspects. In addition, ergonomically designed chairs increase the seating comfortability of the chair users. Most of the chairs designed for the long time seated workers are not considered the full ergonomic aspects. In this paper, we discuss a design of an ergonomically efficient chair for the long time seated workers to increase their productivity and also to reduce low back injuries.