بسم الله الرحمن الرحيم Sudan University of Science and Technology College of Graduate Studies

Evaluation of Nd:YAG Laser Cutting of Non-metallic Materials

A Thesis Submitted as Partial Fulfillment for the M.Sc. Degree of Laser Applications in Mechanical Engineering

By:Mohammadi Hassan Mohammadi Beteik

Supervisors: Prof. Dr.: Nafie Abdel Latif Ass. Prof.: Abdel-Karim Babiker Haroun February2006