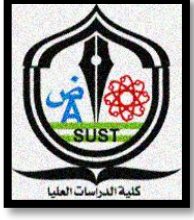


بسم الله الرحمن الرحيم



Sudan University of Science & Technology



College of Graduate Studies

Design of Liquid Filling and Mixing System using Programmable Logic Controller

تصميم منظومة لملء ومزج السوائل
باستخدام المتحكم المنطقي القابل للبرمجة

Athesis submitted as for Partial Fulfilment for the Requirement of M.Sc. Degree in
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