

بسم الله الرحمن الرحيم

**Sudan University of Science & Technology**

**College of Graduate Studies**

**Design, Construction and testing of Hydro cyclone  
Water Filter for Blue Nile Water Filtration**

**تصميم وتنفيذ واختبار منقيه مياه دوامية للتقية مياه النيل الأزرق**

**A thesis Submitted in Partial Fulfillment of the  
Requirement for the Degree of M.Sc. in Agricultural  
Engineering**

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