

**Sudan University of
Science & Technology
College of Graduate Studies**



**Design of Anaerobic Digester to Produce Biogas from
Organic Waste**

Case Study (Assalaya Sugar Factory)

**تصميم هاضم لا هوائى لإنتاج الغاز الحيوي من النفايات العضوية
(دراسة حالة: مصنع سكر عسلاية)**

A Thesis Submitted as a Partial Fulfillment of the requirements for the
degree of master in Mechatronics Engineering

By

Alwaleed Khalid Wagge alla Mohammed

Supervisor

Dr. Elhadi Badawi Mahgoub

April 2017

بسم الله الرحمن الرحيم

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