



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %



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بعض الوثائق الأصلية تالفة



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بالرسالة صفحات
لم ترد بالأصل



**Ain Shams University
Faculty of Engineering**

**A STUDY OF THE GASIFICATION PROCESS
IN A DOMESTIC STOVE UTILISING
BIOMASS**

**A THESIS
BY**

**ASHRAF MAHMOUD ABD EL-MONAIM
B. Sc. Mechanical Power Engineering**

**Submitted in partial fulfilment of the requirements for the
degree of M. Sc. In Mechanical Power Engineering**

SUPERVISED BY

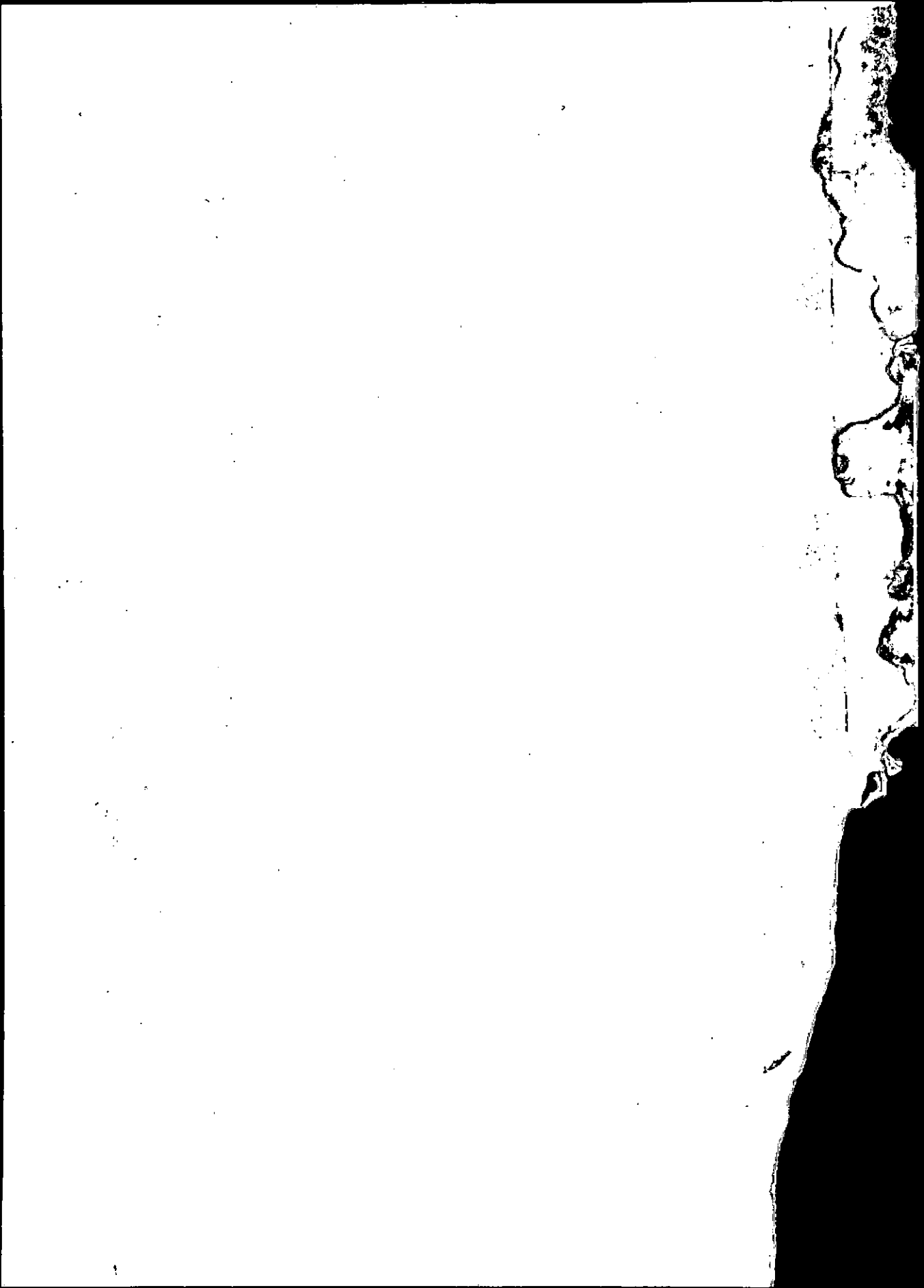
**Prof. Dr. A. S. GAD EL-Mawla
Ain Shams University**

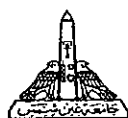
**Ass. Prof. Dr. M. A. Noseir
Ain Shams University**

**Dr. F. S. Abd El-Hady
Ain Shams University**

1996

B-0221





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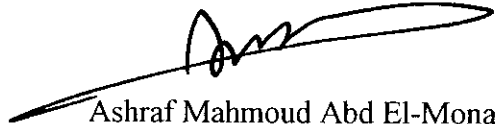
Statement

This dissertation is submitted in partial fulfilment for the degree of Master of Science in Mechanical Engineering, to Ain Shams University.

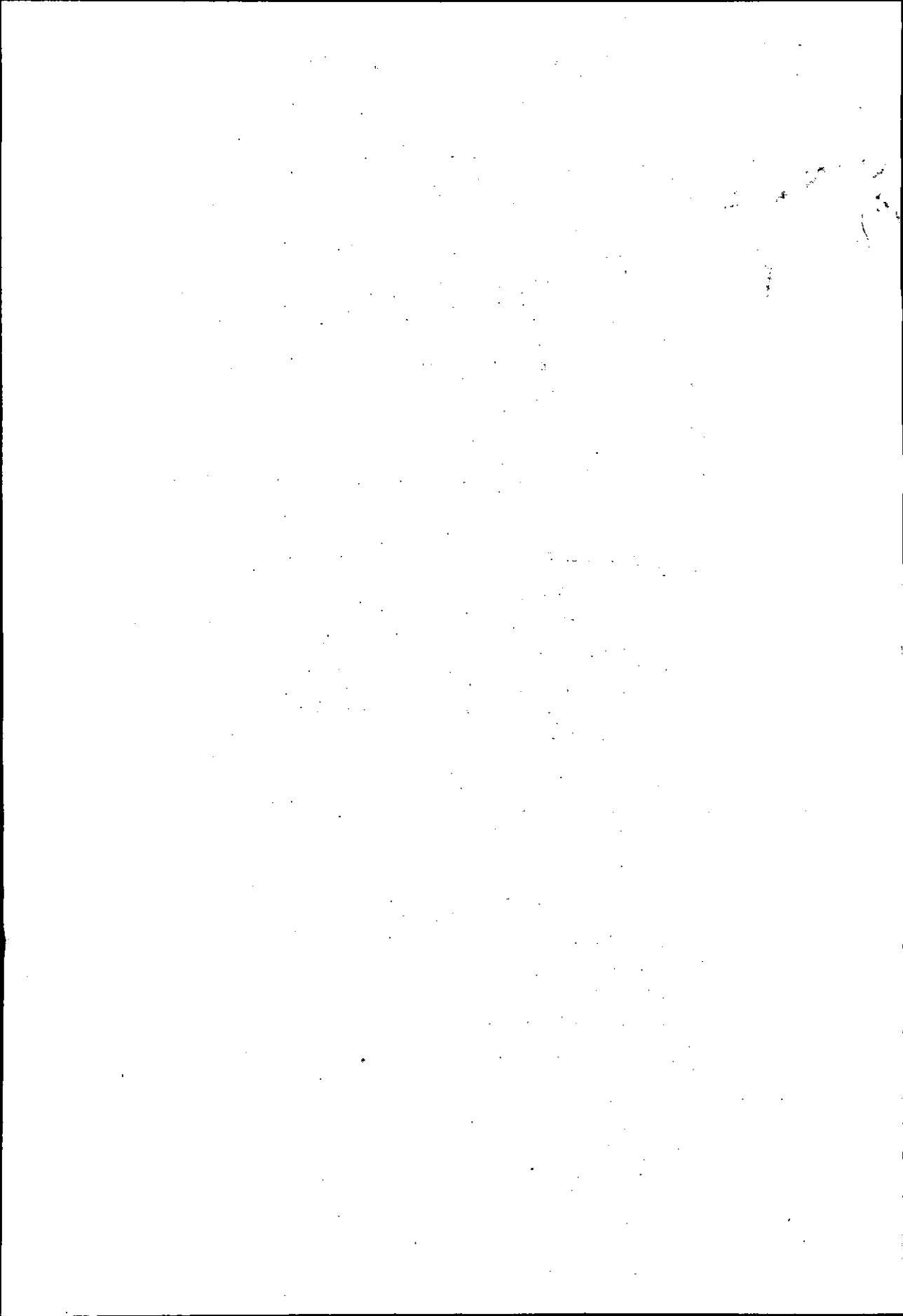
The work included in this thesis was carried out by the author at the laboratories of the department of Mechanical Engineering, Ain Shams University.

No part of this thesis has been submitted for a degree or qualification at any other University.

Signature:

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke extending to the right.

Ashraf Mahmoud Abd El-Monaim



Examiners committee

The undersigned certify that they have read and recommend to the Faculty of Engineering, Ain Shams University for acceptance a thesis entitled "A Study of the Gasification Process in a Domestic Stove Utilising Biomass", submitted by Ashraf Mahmoud Abd El-Monaim, in partial fulfilment of the requirements for the degree of Master of Science in Mechanical Engineering.

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ACKNOWLEDGEMENT

I would like to express my sincere appreciation to my supervisors Prof. Dr. A. S. Gad El-Mawla, Dr. M. A. Noseir and Dr. F. S. Abd El-Hady for their guidance, assistance, encouragement and patience at every stage of this research.

The support of the technicians of the Mechanical Power Dept, Faculty of Engineering, Ain Shams University, is appreciated.

