



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



شبكة المعلومات الجامعية
@ ASUNET



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

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



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of
15-25- c and relative humidity 20-40%

بعض الوثائق الأصلية تالفة

بالرسالة صفحات لم ترد بالاصل

Evaluation of Chloride Ion Penetration In Concrete

A Thesis

Submitted to the Institute of Graduate Studies and Research

Alexandria University

In Partial Fulfillment of the Requirements for Master of Science Degree

In

Materials Science

(Materials Technology Branch)

By

Sherif Mahmoud Ismail Shalaby

(B.Sc. in civil engineering, 1987)

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(2011)

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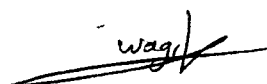
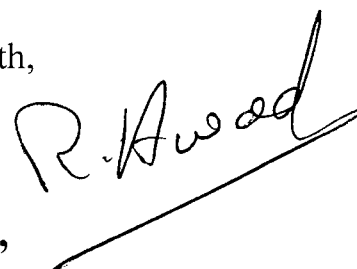
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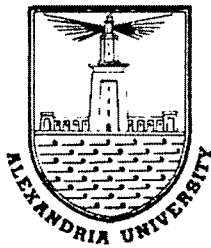


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EVALUATION OF CHLORIDE ION PENETRATION IN CONCRETE

A Thesis Presented by:

Sherif Mahmoud Ismail Shalaby

For the Degree of Master

In Materials Science

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2011

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5 May 2011

Declaration

I declare that no part of the work referred to in this thesis has been submitted in support of an application for another degree or qualification of this or any other university or other institute of learning.

Sherif Mahmoud Ismail Shalaby



2011

To my father

